

**Oracle Communications ASAP™ Cartridge 1.0
for Alcatel 8618IN WSTR2**

Alcatel 8618IN WSTR2 Cartridge Guide

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Cartridge Overview

ASAP cartridges are discrete software components that are developed for the ASAP product. An ASAP cartridge offers specific domain behavior on top of the core ASAP software, and provides the configuration that supports a set of services on a network element (NE).

An ASAP cartridge is not a stand-alone component, but operates in conjunction with the ASAP core product. ASAP cartridges offer the following benefits:

- ◆ **Reduced Time to Market** - time to market of new services is reduced through simplified development, implementation, and extension of cartridges on customer sites.
- ◆ **Extendable** - cartridges can be extended to include additional services and components that deliver business value, without requiring changes to the original cartridge.
- ◆ **Simplified Effort** - the effort and technical knowledge that is required to perform customizations is reduced.
- ◆ **Ease of Installation** - cartridges can be installed into an ASAP environment without interfering with the existing install base.

An ASAP cartridge can be used to configure ASAP to provision the following:

- ◆ NEs from a specific vendor, such as Nortel or Lucent.
- ◆ Technologies, such as Asynchronous Transfer Mode (ATM) and Frame Relay switches, or Internet Protocol (IP) routers.
- ◆ Services that are supported on the NE, such as ATM, IP Virtual Private Networks (VPN), Wireless, or Optical.



Cartridges are designed for a specific technology, software load, and service.

An ASAP cartridge supports a particular set of services on an NE. These services are independent of customer-specific service definitions. Professional Services or systems integrators can perform extensions to the cartridge to support customer-specific requirements.

Cartridge content

An ASAP cartridge contains the following:

- ◆ Sample NE configuration
- ◆ A set of scripts, such as State Tables or Java methods
- ◆ A set of atomic actions in the form of Atomic Service Description Layer (ASDL) commands
- ◆ A set of Common Service Description Layer (CSDL) commands that form meaningful services
- ◆ Sample work orders
- ◆ Installation scripts

Prerequisites

System integrators such as managers, designers, programmers, and testers who are responsible for the adaptation and integration of ASAP-based solutions should use this manual as a reference. It assumes that readers possess the following skills:

- ◆ A knowledge of ASAP programming concepts
- ◆ A good working knowledge of the UNIX operating system
- ◆ A thorough understanding of service and network provisioning
- ◆ Familiarity with telecommunications

About this guide

This guide provides a detailed description of the Alcatel 8618IN cartridge. It contains overview and technical information to assist with extending and integrating the cartridge into a customer environment.

The scope of this guide includes ASAP as it pertains to the use of this cartridge. It is not intended to be a complete ASAP reference guide.

For additional information when using this cartridge, refer to the following supporting documentation:

- ◆ **Activation documentation set**—for detailed information on the ASAP component.

The Alcatel 8618IN cartridge provides the ASAP service configuration and network element (NE) interface to provide real-time rating and balance management (RTRB) and real-time call control (RTCC) services on NE_ALA-8618IN NEs.

Services, features, and options

This cartridge supports the following services:

Table 1: Supported services

Service	Description
Account Services	
Get Account Balance	This service retrieves an account balance.
Get Account	This service retrieves an account.
Create Account	This service creates an account.
Modify Account	This service modifies an account.
Manage Spend Limit	This service manages the spend limit.
Manage Low Credit Notice	This service manages the low credit notice.
Manage Pay Trigger LCT (Low Credit Threshold)	This service manages the pay trigger LCT (Low Credit Threshold).
Manage Price Plan	This service manages the price plan.
Remove Account	This service removes an account.
Block Account	This service blocks an account.
Balance for Bundles	This service transfers credit from the account balance to bundles.
Set Scratch Card Suspend Flag	This service sets the scratch card suspend flag.
Immediate Charging Request	This service activates a immediate charging request account, which is used to charge a one-off-fee to an account.
Customer Services	
Get Customer	This service retrieves a customer.
Create Customer	This service creates a customer.
Modify Customer	This service modifies a customer.
Remove Customer	This service removes a customer.
Update Customer Status	This service updates a customer status.

Table 1: Supported services

Service	Description
Change MSISDN (Mobile Systems International Subscriber Identity Number)	This service changes the MSISDN (Mobile Station Integrated Services Digital Network).
Manage Closed User Group	This service manages the closed user group.
Adjustment Services	
Make Adjustment	This service makes an adjustment.
Get Adjustment Top-up History	This service retrieves the adjustment top-up history.
TopUp Services	
Make Top-up	This service makes a top-up.
Call History Services	
Get Call History	This service retrieves a call history.
Get Statement Details	This service retrieves the statement details.
Customer Account Services	
Get Customer Account	This service retrieves a customer account.
Modify Customer Account	This service modifies a customer account.
Create Customer Account	This service creates a customer account.
Remove Customer Account	This service removes a customer account.
List Customer Account	This service lists the customer account.
Commercial Offer Services	
List Commercial Offer	This service lists the commercial offer.
Customer Subscription Services	
Create Customer Subscription	This service creates a customer subscription.
Modify Customer Subscription	This service modifies a customer subscription.
Remove Customer Subscription	This service removes a customer subscription.
Get Customer Subscription	This service retrieves a customer subscription.

Table 1: Supported services

Service	Description
List Customer Subscription	This service lists the customer subscription.
Friends and Family Services	
Create a Friends and Family List	This service creates a friends and family list.
Remove a Friends and Family List	This service removes a friends and family list.
Get Friends and Family List	This service checks whether a record exists in the friends and family List object.
List FNF List	This service lists the FNF list.
Create Friends and Family Member	This service creates a friends and family member.
Remove Friends and Family Member	This service removes a friends and family member.
Get Friends and Family Member	This service retrieves a friends and family member.
List Friends and Family Member	This service lists all the friends and family members.
Rollback will be supported on the following services:	
Account Services	
Create Account	This service creates an account.
Modify Account	This service modifies an account.
Manage Spend Limit	This service manages a spend limit.
Manage Low Credit Notice	This service manages a low credit notice.
Manage Pay Trigger LCT	This service manages a pay trigger LCT.
Manage Price Plan	This service manages a price plan.
Remove Account	This service removes an account.
Block Account	This service blocks an account.
Set Scratch Card Suspend Flag	This service sets the scratch card suspend flag.

Table 1: Supported services

Service	Description
Customer Services	
Create Customer	This service creates a customer.
Modify Customer	This service modifies a customer.
Remove Customer	This service removes a customer.
Update Customer Status	This service updates a customer status.
Change MSISDN	This service changes a MSISDN.
Manage Closed User Group	This service manages a closed user group.
Adjustment Services	
Make Adjustment	This service makes an adjustment.
TopUp Services	
Make Top-up	This service makes a top-up.
Customer Account Services	
Modify Customer Account	This service modifies a customer account.
Create Customer Account	This service creates a customer account.
Remove Customer Account	This service removes a customer account.
Customer Subscription Services	
Create Customer Subscription	This service creates a customer subscription.
Modify Customer Subscription	This service modifies a customer subscription.
Remove Customer Subscription	This service removes a customer subscription.
Friends and Family Services	
Create a Friends and Family List	This service creates a friends and family list.
Remove a Friends and Family List	This service removes a friends and family list.
Create Friends and Family Member	This service creates a friends and family member.

Table 1: Supported services

Service	Description
Remove Friends and Family Member	This service removes a friends and family member.

Hardware and software requirements

The following sections contain the high-level software and hardware environment requirements for provisioning real-time rating and balance management (RTRB) and real-time call control (RTCC) services on authentication center including:

- ◆ Network element (NE) interface
- ◆ ASAP version

Network element (NE) interface

The following database tables in SARM are configured to support the NE configuration:

- ◆ tbl_host_clli
- ◆ tbl_clli_route
- ◆ tbl_comm_param
- ◆ tbl_resource_pool
- ◆ tbl_ne_config

ASAP version

This cartridge was developed and tested using ASAP version 4.7.1 and 5.2.3.

For more information on the operating environment of this ASAP version, refer to the ASAP version 4.7.1 and 5.2.3 Release Record.

Connecting to the NE

The cartridge uses the SOAP protocol.

Related documentation

This cartridge was developed according to the following Network Element Provisioning Specifications:

- ◆ CR1604_Alcatel IN Activation Cartridge Upgrade TR2 v0.3.doc
- ◆ Apollo Interface specs.zip

Points to Note

- ◆ **List FNF List** - This is not available in the WSDL, so it cannot currently be implemented.
- ◆ Both the **TRANSACTION_ID** and **OLD_TRANSACTION_ID** parameters are expected from the upstream as it is assumed that these values have to be unique and they have to meet a particular standard, which could be different for each service provider. Rather than auto-generate the **OLD_TRANSACTION_ID** value for rollback actions, this value must come from the upstream to make sure the value included is unique. All other parameters required for rollback are available through returned parameters from the included query atomic actions in this cartridge.

Installing and Testing the Cartridge

This chapter describes the following procedures related to installing and testing the cartridge:

- ◆ [Downloading the cartridge](#)
- ◆ [Installing the cartridge using scripts](#)
- ◆ [Uninstalling the cartridge using scripts](#)
- ◆ [Testing the cartridge installation](#)
- ◆ [Deployment of the cartridge using Studio](#)
- ◆ [Uninstallation and Undeployment of the cartridge using Studio](#)

Downloading the cartridge

Before you can install the cartridge, you must use the internet to download the cartridge's TAR file from Oracle's Customer Portal.

Use the following instructions to download, then unTAR the TAR file.

To download the TAR file

1. Login to Oracle MetaLink internet home page (<http://www.metalink.oracle.com>).
2. Download the cartridge patch to your workstation

To unTAR the TAR file

1. On your workstation, create a repository directory—the naming of which is your choice.

```
mkdir <repository dir>
```

2. Copy the TAR file into the repository directory.
3. Untar ALA8618IN_WSTR2_R1_0_0.<buildId>.tar.

```
tar xvf ALA8618IN_WSTR2_R1_0_0.<buildId>.tar
```

The directory structure in the repository directory should look like the following illustration. (this illustration describes the minimum required structure; you can enhance this directory structure with additional directories based on your requirements and deliverables).

```
<repository_directory>  
  /README  
  /installCartridge  
  /uninstallCartridge
```

```
/ALA8618IN_WSTR2_R1_0_0.sar
```

Starting ASAP

Before installing the cartridge, ensure that ASAP is running.

To start ASAP

1. To start ASAP, execute the following script:

```
start_asap_sys -d
```

2. Ensure the ASAP Daemon (DAEM\$ENV_ID) is running by checking the ASAP status using the ASAP script “status”.
3. Check whether the WebLogic instance for this ASAP environment is running. If not, start the WebLogic instance.

The *ASAP Administration Guide* contains more information on starting ASAP, the ASAP Daemon, and WebLogic.

Installing the cartridge using scripts

Run the installation script *installCartridge* to install the cartridge. The script executes the following tasks:

- ◆ Configures the Alcatel 8618IN-specific NE using the SACT.
- ◆ Deploys the Alcatel 8618IN cartridge service model (only if the Alcatel 8618IN service model is not yet deployed) using the Service Activation Deployment Tool (SADT).
- ◆ Copies the Alcatel 8618IN-specific jar files to the ASAP environment.
- ◆ Loads the sample work orders to the SRP database.

For information on the SACT and the SADT, refer to the *ASAP Administration Guide*.

To install the cartridge

1. Run the *installCartridge* script. At the prompt, type:

```
installCartridge ALA8618IN_WSTR2_R1_0_0.sar
```

2. The script prompts you for the values of the following WebLogic login parameters:
 - ◆ WebLogic Hostname
 - ◆ WebLogic HTTP Port
 - ◆ WebLogic Login User ID
 - ◆ WebLogic Login Password

The script loads the NEP-NE configuration and the CSDL-ASDL configuration to the SARM database, and loads sample work orders to the SRP database. The script also copies the cartridge-specific jar files to the ASAP environment.

3. Restart ASAP to upload the cartridge configuration into ASAP.

Uninstalling the cartridge using scripts

Run the uninstallation script *uninstallCartridge* to uninstall the Alcatel 8618IN cartridge. The script executes the following tasks:

- ◆ Unconfigures Alcatel 8618IN-specific NEs using the SACT.
- ◆ Undeploys the Alcatel 8618IN cartridge service model (only if the Alcatel 8618IN service model is already deployed) using the Service Activation Deployment Tool (SADT).
- ◆ Removes the Alcatel 8618IN-specific jar files from the ASAP environment.

For more information on the SACT and the SADT, refer to the *ASAP Administration Guide*.

To uninstall the cartridge

1. Run the *uninstallCartridge* script. At the prompt, type:

```
uninstallCartridge ALA8618IN_WSTR2_R1_0_0.<timestamp>.sar
```

2. The script prompts you for the values of the following parameters:

- ◆ WebLogic Hostname
- ◆ WebLogic HTTP Port
- ◆ WebLogic Login User ID
- ◆ WebLogic Login Password

The script unloads the NEP-NE configuration and CSDL-ASDL configuration from SARM database. It also removes the cartridge specific jar files from the ASAP environment.

Testing the cartridge installation

To test this cartridge installation, you need to know about the network element (NE), services, and basic Activation configuration. You may need to perform adjustments to provision a service for a specific NE, network, or connectivity configuration.

You can test the cartridge installation using one of the following methods:

- ◆ **Loopback mode**—does not actually connect to or send commands to the NE.
- ◆ **Live mode**—connects to and sends commands to a live NE.

Configuring loopback and live mode parameters

Set the following variables to test the cartridge in loopback or live testing modes.

Loopback mode

Set the following parameter to test the cartridge in loopback mode.

Table 2: Loopback Mode Parameter Settings

Configuration Variable	Parameter Settings	Location
LOOPBACK_ON	1 (default setting)	ASAP.cfg

Live mode

Set the following parameter to test the cartridge in live mode.

Table 3: Live Mode Parameter Settings

Configuration Variable	Parameter Settings	Location
LOOPBACK_ON	0	ASAP.cfg

Communication parameters

The following are the list of parameters for the sample NE configuration XML used by SACT.

Table 4: Communication parameters

Parameter Label	Parameter Value	Description
HOSTNAME	ppavwebl.ain.texf.in.telstra.com.au	Hostname of Alcatel IN
HTTP_PORT	443	Port to communicate with Alcatel IN
ACCOUNT_DIR	soapgw/services/WSAccount	Directory Parameter
ADJUSTMENT_DIR	soapgw/services/WSAdjustment	Directory Parameter
CALLHISTORY_DIR	soapgw/services/WSCallHistory	Directory Parameter
CO_DIR	soapgw/services/WSCO	Directory Parameter
CUSSUB_DIR	soapgw/services/WSCusSub	Directory Parameter
CUSTOMER_DIR	soapgw/services/WSCustomer	Directory Parameter
CUSTOMERACCOUNT_DIR	soapgw/services/ WSCustomerAccount	Directory Parameter

Table 4: Communication parameters

Parameter Label	Parameter Value	Description
FNF_DIR	soapgw/services/WSFNF	Directory Parameter
TOPUP_DIR	soapgw/services/WSTopup	Directory Parameter
RESPONSELOG	TRUE	Include SOAP requests and responses in log
WSTR2_ACCOUNT_DIR	soapgw/services/WSTR2Account	Directory Parameter
WSTR2_ADJUSTMENT_DIR	soapgw/services/WSTR2Adjustment	Directory Parameter
WSTR2_BUCKETS_DIR	soapgw/services/WSTR2Buckets	Directory Parameter
WSTR2_COUNTERS_DIR	soapgw/services/WSTR2Counters	Directory Parameter
WSTR2_CUSSUB_DIR	soapgw/services/WSTR2CusSub	Directory Parameter
WSTR2_CUSTOMER_DIR	soapgw/services/WSTR2Customer	Directory Parameter
WSTR2_FNF_DIR	soapgw/services/WSTR2FNF	Directory Parameter
WSTR2_SPEND_LIMITS_DIR	soapgw/services/ WSTR2SpendLimits	Directory Parameter
TRUSTSTORE_FILEPATH	jssecacerts	Truststore file path for TSL connection
KEYSTORE_FILEPATH	/apps/activation/keystore.jks	Keystore file path for TSL connection
IS_TSL	true	Indicates whether http over TSL to be used for connection
KEYSTORE_PASSWORD	password	Keystore password for TSL connection
TRUSTSTORE_PASSWORD	password	Truststore password for TSL connection
OPEN_TIMEOUT	20	Connection timeout in seconds
READ_TIMEOUT	30	Read timeout in seconds

Note: The parameters KEYSTORE_FILEPATH and TRUSTSTORE_FILEPATH are used for TSL Certification. The filenames mentioned for these parameters need to be valid. The location in which the files are stored needs to be provided along with the filename. Their respective password fields also need to be updated accordingly.

Modifying NE_ALA-8618IN.xml

Use the following procedure to modify NE_ALA-8618IN.xml.

To modify NE_ALA-8618IN.xml

1. Create a new source directory. You can give this directory any appropriate, meaningful name you want to.

```
mkdir <new_source_directory>
```

2. Copy ALA8618IN_WSTR2_R1_0_0.sar to this new source directory.

```
cp ALA8618IN_WSTR2_R1_0_0.sar ./<new_source_directory>
```

3. Change directory to <new_source_directory>.

```
cd <new_source_directory>
```

4. Un-jar ALA8618IN_WSTR2_R1_0_0.sar. This extracts the contents of the sar file.

```
jar xvf ALA8618IN_WSTR2_R1_0_0.sar
```

5. Edit <new_source_directory>NE_ALA-8618IN.xml in with the appropriate changes.

6. Create a new sar file at the <new_source_directory> level.

```
CreateSar $PWD
```

7. Uninstall the cartridge using ALA8618IN_WSTR2_R1_0_0.sar. (That is, use the original sar file that you copied in [Step 2](#) above—see “[Uninstalling the cartridge using scripts](#)” on [page 11](#) for uninstallation instructions).

8. After you uninstall the cartridge, rename the sar file, so you have a backup copy of it.

9. Copy the new sar file from <new_source_directory>.

10. Reinstall the cartridge (see “[Installing the cartridge using scripts](#)” on [page 10](#) for installation instructions).

Testing the installation

The following procedure describes the steps required to test the cartridge installation in loopback mode. We recommend that you perform the initial cartridge installation test in loopback mode.

To test in loopback mode

1. Stop ASAP by typing the following command at the UNIX prompt:

```
stop_asap_sys -d
```

2. Ensure loop back mode is on. See “[Loopback mode](#)” on [page 12](#) for a description of how to set the loop back parameter to “On”.

3. Start ASAP by typing:

```
start_asap_sys -d
```

4. Send the sample work orders through the SRP Emulator by typing:

```
run_suite $SRP <ctrl_password> <suite name>
```

You can locate the suite names by typing:

```
grep SUITE * | grep -v END
```

A list of all available suites appears.

For more information on the SRP Emulator, refer to the *ASAP Administration Guide*.

5. Verify the status of the sample work orders by typing:

```
asap_utils -d l
```

All successful work orders returns to the 104 state.

To view the sample work orders provided with this cartridge, refer to the Alcatel 8618IN cartridge source.

Viewing the sample work orders

You find the sample work orders under the **SampleWorkOrders** directory in the sar file. The following procedure describes how to view the sample work orders.

To view the sample work orders

1. Create a repository directory, copy the sar file to the new directory and un-jar the sar file, as described by [Step 1](#) through [Step 4](#) in “[Modifying NE_ALA-8618IN.xml](#)” on [page 14](#).
2. Locate and view the sample work order files.

Deployment of the cartridge using Studio

Before installing the cartridge, ensure weblogic and ASAP are started and running.

The following are the steps involved:

1. Open Studio in design perspective. Choose **Import** from the **File** menu and select **Activation Archive (SAR)** under **Studio Wizards** to import the sar file. Browse for the path to the sar file and click **Finish**.
2. Create a new **Service Activation Project**.
3. Define a new **NE Entity**, based on the **NE Template** contained in the cartridge provided by Oracle.
4. Ensure that the primary pool of the newly created NE is different from the NE template primary pool. You can modify it, if necessary.
5. Ensure that the test work order provided with the cartridge targets the newly defined NE. If not, then modify the test work orders file(s).

6. Create a new **Activation Environment Project** from the **Studio** menu. (Use Studio help for more information).
7. Create **Activation Environment** inside the **Activation Environment Project** and configure the **Connection Details** tab with your Environment ID, Activation version and weblogic data.
8. Connect to your environment using the **Connect** button.
9. Select the **Cartridge** tab of the **Activation Environment** and click **Add** to add your projects to the environment. The cartridge and the newly created **Service Activation** should appear in the **Cartridges** list.
10. Deploy the **NetworkActivation** (NA) cartridge provided by Oracle. (No NE information is to be deployed with this cartridge, therefore it isn't necessary to deploy the **NEP map** info).
11. Deploy the **Service Activation** (SA) project as follows:
 - On the **Cartridge** tab, select the necessary SA cartridge and press the **Deploy** button.
 - Select the **NEP Map** tab of the **Activation Environment**. Choose the necessary **NEP** server from the drop-down box of the **Network Element Processors**. (Use Studio help for more information).
 - Select the SA cartridge from the **Network Element Processor Map** and click the **Deploy** button.
12. Verify the **SADT** console to confirm the installation.
13. For ASAP 4.7.1:
 - a. Go to ASAP environment.
 - b. Copy studio_2_6_0.jar file to the \$ASAP_BASE/lib directory.
 - c. Add \${ASAP_BASE}/lib/studio_2_6_0.jar to the CLASSPATH in the JInterpreter file under \$ASAP_BASE/programs directory.
14. Restart **ASAP** in order to start working with the cartridge.

Uninstallation and Undeployment of the cartridge using Studio

The following are the steps involved:

1. Connect to your environment using the **Connect** button.
2. Select the necessary cartridge from the **Environment Cartridge** list in Studio and click the **Undeploy** button.
3. Verify the **Environment Cartridge** list. The check box with the name of the cartridge that is disabled should be unchecked.

Atomic Service Description Layer (ASDL) Commands

ASDL commands represent a set of atomic actions that ASAP can perform on a network element (NE). ASAP can combine ASDLs to create meaningful services (CSDLs) within a cartridge.

This chapter presents detailed information on the ASDL parameters that we provide with this cartridge. The following table lists and describes the type of parameter information that is included.

Table 5: ASDL parameter information

Item	Description
Parameter Name	Identifies the parameter that is configured for the stated service.
Description	Describes the parameter.
Range	Describes or lists the range of values that can be used to satisfy this parameter.
Default Value	Configures a default value for the parameter so that it is not mandatory for the upstream system to provide a value.

Table 5: ASDL parameter information

Item	Description
Type	<p>Indicates one of the following parameter types:</p> <ul style="list-style-type: none"> ◆ S—Scalar, specifies the parameter label transmitted on the ASDL command. Scalar parameters are conventional name-value pair parameters. ◆ C—Compound, specifies the base name of the compound parameter transmitted on the ASDL command. A compound parameter contains structures or arrays of information that are represented by a particular structure name or compound parameter name. Each compound parameter can contain a large number of elements. If you use compound parameters, you only require a single entry in the ASAP translation tables to call the compound parameter and all its associated parameter elements. ◆ I—Indexed, identifies a parameter that contains a sequential numerical index value to tell the SARM that it should execute the same operation (for example, an ASDL command) for all occurrences of that index. Consequently, if there are several options on a particular CSDL command (OPT1, OPT2, OPT3, etc.), you can specify the OPT parameter as an indexed parameter. When you specify the OPT parameter as an indexed parameter, the SARM generates several occurrences of that same ASDL command and each command has a different value for the option being transmitted to the NEP. <p>For more information on parameter types, refer to the <i>ASAP Developer Reference</i>.</p>
Class	<p>Indicates one of the following parameter classifications:</p> <ul style="list-style-type: none"> ◆ R—Required scalar parameter ◆ O—Optional scalar parameter ◆ C—Required compound parameter ◆ N—Optional compound parameter ◆ M—Mandatory indexed parameter ◆ I—Optional indexed parameter ◆ S—Parameter count

For a detailed description of the Required and Optional parameter classifications, refer to the *ASAP Administration Guide*.

ASDL commands

This cartridge provides the following ASDL commands:

- ◆ A_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT
- ◆ A_ALA-8618IN_WSTR2_BALANCE_BUNDLES
- ◆ A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_CHANGE_MSISDN
- ◆ A_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0
- ◆ A_ALA-8618IN_WSTR2_CREATE_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_CREATE_BUCKET
- ◆ A_ALA-8618IN_WSTR2_CREATE_COUNTER
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUS_SUB
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUS_SUB-RB
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUSTOMER
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION
- ◆ A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST
- ◆ A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER
- ◆ A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT
- ◆ A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT-RB
- ◆ A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT
- ◆ A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT-RB
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0
- ◆ A_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY
- ◆ A_ALA-8618IN_WSTR2_GET_CALL-HISTORY
- ◆ A_ALA-8618IN_WSTR2_GET_CUS_SUB
- ◆ A_ALA-8618IN_WSTR2_GET_CUS_SUB-RB
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER

- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION
- ◆ A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION-RB
- ◆ A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST
- ◆ A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER
- ◆ A_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS
- ◆ A_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_LIST_BUCKETS
- ◆ A_ALA-8618IN_WSTR2_LIST_COUNTERS
- ◆ A_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER
- ◆ A_ALA-8618IN_WSTR2_LIST_CUS_SUB
- ◆ A_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION
- ◆ A_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS
- ◆ A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT
- ◆ A_ALA-8618IN_WSTR2_MAKE_TOPUP
- ◆ A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG
- ◆ A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0
- ◆ A_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE
- ◆ A_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT
- ◆ A_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN
- ◆ A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_BUCKET
- ◆ A_ALA-8618IN_WSTR2_MODIFY_COUNTER
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB-RB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION-RB
- ◆ A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT
- ◆ A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_BUCKET
- ◆ A_ALA-8618IN_WSTR2_REMOVE_COUNTER
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB_2-0
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION
- ◆ A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION-RB
- ◆ A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST
- ◆ A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER
- ◆ A_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG
- ◆ A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER-STATUS
- ◆ A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

A_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT

Activates an existing account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.activate.generated.ActivateAccountProxy.execute

Table 6: A_ALA-8618IN_WSTR2_ACTIVATE ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

```
WSAccActivateAccountResponse
WSAccActivateAccount (WSAccActivateAccountRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
```

```

setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Creates an instance of a SpendLimit and associates it with the Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit.activate.generated.ActivateSpendLimitProxy.execute

Table 7: A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 7: A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O
SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	R
SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.	Max Length is 19. Format is: yyyy/MM/dd HH:MM:SS.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 7: A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

ActivateSpendLimitResponse

ActivateSpendLimitRequest (ActivateSpendLimitRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setAccountID(ACCOUNT_ID)

setSpendLimitName (SPEND_LIMIT_NAME)

setSpendLimitUsageCount (SPEND_LIMIT_USAGE_COUNT)

setSpendLimitThreshold (SPEND_LIMIT_THRESHOLD)

setSpendLimitNextCycleStartDate (SPEND_LIMIT_NEXT_CYCLE_START_DATE)

setTransactionID (TRANSACTION_ID)

setSystemID (SYSTEM_ID)

setUserID (USER_ID)

setGroupID (GROUP_ID)

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Transfers credit from the account balance to bundles.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.bundles.balance.generated.BalanceBundlesProxy.execute

Table 8: A_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	R
FEE_RATING_RULE_ID	This field is the ID for the fee rating rule.	Maximum of 40 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O

Table 8: A_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Parameter Name	Description	Range	Default Value	Type	Class
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

MML Commands

```
WSAccBalanceForBundlesResponse
WSAccBalanceForBundles (WSAccBalanceForBundlesRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setFeeRatingRuleID (FEE_RATING_RULE_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

<ASDL_NAME>_ACCOUNT_BALANCE

<ASDL_NAME>_END_ACT_BEGIN_INACT_DATE_TIME

<ASDL_NAME>_END_INACTIVITY_DATE_TIME

BUNDLE[x].BUNDLE_NAME

BUNDLE[x].BUNDLE_TYPE

BUNDLE[x].BUNDLE_UNIT

BUNDLE[x].BUNDLE_VALUE

BUNDLE[x].BUNDLE_EXPIRY_DATE_TIME

A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Blocks an existing account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.block.generated.BlockAccountProxy.execute

Table 9: A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters. characters		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. characters		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	O
BLOCKED_FLAG	Enable to block an account from placing a call. <ul style="list-style-type: none"> ◆ Value =0 for not Blocked, ◆ Value=1 for Blocked. 	0 or 1		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters. characters		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 9: A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters. characters		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters. characters		S	R
MCLI	The NE identifier.			S	R

MML Commands

WSAccBlockAccountResponse WSAccBlockAccount (WSAccBlockAccountRequest req)

Set Methods:

```

setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setBlockedFlag (BLOCKED_FLAG)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT-RB

Rollback for block account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_rb.block.generated.BlockAccountRBProxy.execute

Table 10: A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters. characters		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. characters		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	O
OLD_BLOCKED_FLAG	This field is to enable to block the account from making the call. <ul style="list-style-type: none"> ◆ Value=0 for "Not blocked", ◆ Value =1 for "Blocked". 	0 or 1		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters. characters		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters. characters		S	O

Table 10: A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters. characters		S	R

MML Commands

```
WSAccBlockAccountResponse WSAccBlockAccount (WSAccBlockAccountRequest req)
(rollback from previous block account)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setBlockedFlag (OLD_BLOCKED_FLAG)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CHANGE_MSISDN

Changes the MSISDN of a given customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.msisdn.change_msisdn.generated.ChangeMsisdnProxy.execute

Table 11: A_ALA-8618IN_WSTR2_CHANGE_MSISDN

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of 20 characters.		S	R
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_MSISDN	The MSISDN ID of the current customer (used for rollback).	Maximum of 24. Numeric only.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 11: A_ALA-8618IN_WSTR2_CHANGE_MSISDN

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerMSISDNResponse
modifyCustomerMSISDN (ModifyCustomerMSISDNRequest req)
```

Set Methods:

```
setCustomerCompositeID (CustomerCompositeID ccid)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMSISDN (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerCompositeID (CustomerCompositeID ccid)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMSISDN (OLD_MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Changes the MSISDN of a given customer for 2.0.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.wstr2.msisdn_2_0.change.generated.ChangeMsisdn_2_0_Proxy.execute

Table 12: A_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID	Max Length 20		S	R
USER_ID	This field is the identifier of the curent USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Reference to the transaction ID	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R

Table 12: A_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_MSISDN	The MSISDN ID of the current customer (used for rollback)	Max Length 24. Digits only		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	R

MML Commands

WSCusChangeMSISDNResponse WSCusChangeMSISDN(WSCusChangeMSISDNRequest req)

Set Methods:

```
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setMsisdn(MSISDN)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setMsisdn(OLD_MSISDN)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Creates a new account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.create.generated.CreateAccountProxy.execute

Table 13: A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters. characters		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. characters		S	R
ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters. characters		S	R

Table 13: A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_TYPE	This field determines if the account is prepaid or postpaid. The default value will be inherited from the account profile if the account type is not provided.	Maximum of 30 characters		S	O
PRICE_PLAN_ID	Price Plan change based on update of ARENA field in Account object holding 4 values: <ul style="list-style-type: none"> ◆ Value =0: on rate, ◆ Value =1: off rate, ◆ Value = 2: special1, ◆ Value =3: special2. The default value will be set to 0 if pricePlanID is not provided.	0 or 1 or 2 or 3		S	O
BEGIN_ACTIVITY_DATE_TIME	Indicates the begin activity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
END_ACT_BEGIN_INACT_DATE_TIME	This is the end of activity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
END_INACTIVITY_DATE_TIME	This is the end of the inactivity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O

Table 13: A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
BEGIN_VALIDITY_DATE_TIME	This field indicates the begin validity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
END_VALIDITY_DATE_TIME	Indicates the Validity expiry date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
ACCOUNT_STATUS	Status of the account.	Maximum of 20 characters. characters (one of "Created", "Valid", "Active", "Inactive", "Deactivated")		S	O
MAIN_BALANCE	This field is the main balance of the current customer account and it is used to create with initial credit.	Value in cents		S	O
SPEND_LIMIT	Indicates the allowable spend limit for a given account. The default value will be set to 0 if spendLimit is not provided, which means NO spending limit.	Value in cents		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O

Table 13: A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
FIRST_EVENT_FLAG	This field indicates whether or not the first event has been done.	<ul style="list-style-type: none"> ◆ 1 = First event done ◆ 0 = First event not done 		S	O

MML Commands

WSAccCreateAccountResponse WSAccCreateAccount (WSAccCreateAccountRequest req)

Set Methods:

```

setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setAccountType (ACCOUNT_TYPE)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setBlockedFlag (BLOCKED_FLAG)
setBeginValidityDateTime (BEGIN_VALIDITY_DATE_TIME)
setAccountProfile (ACCOUNT_PROFILE)
setBeginActivityDateTime (BEGIN_ACTIVITY_DATE_TIME)
setEndValidityDateTime (END_VALIDITY_DATE_TIME)
setSpendLimit (SPEND_LIMIT)
setPricePlanID (PRICE_PLAN_ID)
setEndActBeginInactDateTime (END_ACT_BEGIN_INACT_DATE_TIME)
setAccountStatus (ACCOUNT_STATUS)
setEndInactivityDateTime (END_INACTIVITY_DATE_TIME)
setFirstEventFlag (FIRST_EVENT_FLAG)
setMainBalance (MAIN_BALANCE)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_BUCKET

Create a Bucket instance for an Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.bucket.create.generated.CreateBucketProxy.execute

Table 14: A_ALA-8618IN_WSTR2_CREATE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O

Table 14: A_ALA-8618IN_WSTR2_CREATE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_START_DATE	The start date and time of the bucket.	Max Length 19. Format:yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_END_DATE	The end date and time of the validity of the bucket.	Max Length 19. Format:yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_VALIDITY_DAYS	The validity period of the bucket in days.	Either BucketEndDate or BucketValidityDays should be provided.If BucketValidityDays has been provided, BucketEndDate will be ignored.		S	O
BUCKET_VALUE	This is the initial value of the Bucket.	If not provided the default value of 0 is used.		S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 14: A_ALA-8618IN_WSTR2_CREATE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
CreateBucketResponse CreateBucketRequest (CreateBucketRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setAccountID (ACCOUNT_ID)
setBundleLabel (BUNDLE_LABEL)
setBucketEndDate (BUCKET_START_DATE)
setBucketStartDate (BUCKET_END_DATE)
setBucketValidityDays (BUCKET_VALIDITY_DAYS)
setBucketValue (BUCKET_VALUE)
setAdjustmentReason (ADJUSTMENT_REASON)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_COUNTER

Create a Counter instance for a Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.counter.create.generated.CreateCounterProxy.execute

Table 15: A_ALA-8618IN_WSTR2_CREATE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 15: A_ALA-8618IN_WSTR2_CREATE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
COUNTER_ATTR1	The client can use this field provide an initial value for CounterAttr1.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR2	The client can use this field provide an initial value for CounterAttr2.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR3	The client can use this field provide an initial value for CounterAttr3.	This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
CreateCounterResponse CreateCounterRequest(CreateCounterRequest req)
```

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
setAccountID(ACCOUNT_ID)
setCounterAttr1(COUNTER_ATTR1)
setCounterAttr2(COUNTER_ATTR2)
setCounterAttr3(COUNTER_ATTR3)
setCounterLabel(COUNTER_LABEL)
setCustomerCompositeID(CustomerCompositeID ccid)
setGroupID(GROUP_ID)
setSystemID(SYSTEM_ID)
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Interface to create Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub.create.generated.CreateCusSubProxy.execute

Table 16: A_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
SUBSCRIPTION_TERMINATION_DATE	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
SUBSCRIPTION_CREATE_STATE	Reference to the state of the subscription.	Max Length 20		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R

Table 16: A_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
CreateCusSubResponse CreateCusSubRequest(CreateCusSubRequest req)
```

```
Set Methods:
```

```
-----
```

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setCustomerCompositeID(CustomerCompositeID ccid)
```

```
setCommunityName(COMMUNITY_NAME)
```

```
setSubscriptionName(SUBSCRIPTION_NAME)
```

```
setSubscriptionCreationState(SUBSCRIPTION_CREATE_STATE)
```

```
setSubscriptionFeeFlag(SUBSCRIPTION_FEE_FLAG)
```

```
setSubscriptionTerminationDateTime(SUBSCRIPTION_TERMINATION_DATETIME)
```

```
setTransactionID(TRANSACTION_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setUserID(USER_ID)
```

```
setGroupID(GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUS_SUB-RB

Rollback Interface for create Apollo IN Customer subscription.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub_rb.create.generated.CreateCus_sub_rbProxy.execute`

Table 17: _ALA-8618IN_WSTR2_CREATE_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE Identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community	Max Length 40		S	O
SUBSCRIPTION_TERMINATION_DATE	Indicates the expiry date of this subscription	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O

Table 17: _ALA-8618IN_WSTR2_CREATE_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
SUBSCRIPTION_STATE	Subscription State. The valid states are Active ,Created , Obsolete ,Suspended and Terminated.	Max Length 20.		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended	Max Length 1. Valid values are 0 or 1		S	O
TRANSACTION_ID	Reference to the transaction ID	Max Length 32		S	O
SYSTEM_ID	The reference to the service retailer	Max Length 20		S	R
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCusSubResponse modifyCusSub (ModifyCusSubRequest req)
```

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccID)
setCommunityName (COMMUNITY_NAME)
setSubscriptionName (SUBSCRIPTION_NAME)
setSubscriptionState (SUBSCRIPTION_STATE)
setSubscriptionFeeFlag (SUBSCRIPTION_FEE_FLAG)
setSubscriptionTerminationDateTime (SUBSCRIPTION_TERMINATION_DATETIME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Note: Modify CusSub service modify the created cussub with SUBSCRIPTION_STATE as "Obsolete" for rollback.

```
RemoveCusSubResponse removeCusSub (RemoveCusSubRequest req)
```

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccID)
setSubscriptionName (SUBSCRIPTION_NAME)
setCommunityName (COMMUNITY_NAME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Creates a new customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer.create.generated.CreateCustomerProxy.execute

Table 18: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
MSID	This field identifies the mobile set ID of the current customer.	Maximum of 24. Numeric only.		S	O
MSID_TYPE	Mobile Set ID type of the current customer account.	<ul style="list-style-type: none"> ◆ MIN (when misdType=0) ◆ IMSI (when misdType=1) ◆ External (when misdType =2) 		S	R
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30		S	R
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	R
ADDRESS	Address of the customer.	Maximum of 150		S	O

Table 18: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Maximum of 10 characters		S	O
POST_CODE	String for the postal code.	Maximum of 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1		S	O
LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
BAID	Identifier of the Billing Account ID.	This field is a character string. MaxLength 20.		S	O

Table 18: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
CreateCustomerResponse createCustomer(CreateCustomerRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setMSISDN (MSISDN)
setBAID (BAID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setCommercialOffer (COMMERCIAL_OFFER)
setCustomerID (CUSTOMER_ID)
setCustomerStatus (CUSTOMER_STATUS)
setAddress (ADDRESS)
setGLCode (GL_CODE)
setBirthday (BIRTHDAY)
setITCustomerID (IT_CUSTOMER_ID)
setLanguage (LANGUAGE)
setMsid (MSID)
setMsidType (MSID_TYPE)
setPostCode (POST_CODE)
```

```
setCustomerOptInOptOutFlag(OPTIN_OPTOUT)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Creates a new customer for version 2-0.

It is implemented by the Java method:

```
com.mslv.activation.cartridge.ala.x8618in.wstr2.customer_2_0.create.generated.CreateCustomer_2_0_Proxy.execute
```

Table 19: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI				S	R
IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	R
MSISDN	The MSISDN ID of the current customer	Max Length 24. Digits only		S	R
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O

Table 19: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MSID_TYPE	Mobile SetID type of the current customer account. It can be: 0 or 1 or 2 -MIN (when misdType=0) - IMSI (when misdType=1) - External (when misdType=2)	Max Length 1. Only 0 or 1 or 2		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer	Max Length 30		S	R
CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20			R
ADDRESS	Address of the customer	Max Length 150		S	O
BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
POST_CODE	String for the postal code	Max Length 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating option or optout for marketing	Max Length 1. Only values are: 0 or 1		S	O
LANGUAGE	Indicates the language choice	Max Length 20		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R

Table 19: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R

MML Commands

WSCusCreateCustomerResponse WSCusCreateCustomer (WSCusCreateCustomerRequest req)

Set Methods:

```

setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setMsisdn (MSISDN)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setCommercialOffer (COMMERCIAL_OFFER)
setCustomerID (CUSTOMER_ID)
setCustomerStatus (CUSTOMER_STATUS)
setAddress (ADDRESS)
setGlCode (GL_CODE)
setBirthday (BIRTHDAY)
setITCustomerID (IT_CUSTOMER_ID)

```



```

setLanguage (LANGUAGE)
setMsid (MSID)
setMsidType (MSID_TYPE)
setPostCode (POST_CODE)
setOptInOptOut (OPTIN_OPTOUT)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

Links the account to the customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account.create.generated.CreateCustomerAccountProxy.execute

Table 20: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O

Table 20: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusAccCreateCusAccResponse
WSCusAccCreateCusAcc (WSCusAccCreateCusAccRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setCustomerAccountName (CUSTOMER_ACCOUNT_NAME)
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Creates a customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription.create.generate.d.CreateCustomerSubscriptionProxy.execute

Table 21: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
SYSTEM_ID	The reference to the service retailer.	Maximum of 20 characters.		S	R
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
TERMINATION_DATE	Indicates the expiry date of this subscription.	Maximum of 10 characters. Format: DD/MM/YYYY HH:MM:SS		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O

Table 21: A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

MML Commands

```

WSCusSubCreateCusSubResponse
WSCusSubCreateCusSub (WSCusSubCreateCusSubRequest req)

Set Methods:
-----

setCustomerID (CUSTOMER_ID)
setServiceOfferGroup (SERVICE_OFFER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSubscriptionFeeFlag (SUBSCRIPTION_FEE_FLAG)
setTerminationDate (TERMINATION_DATE)
setState (STATE)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)

```

```
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST

Creates a name for the Friends and Family list.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_list.create.generated.CreateFriendsFamilyListProxy.execute

Table 22: A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

WSFNFCreatFNFLListResponse WSFNFCreatFNFLList (WSFNFCreatFNFLListRequest req)

Set Methods:

```
setFnfList(FNF_LIST)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If used as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER

Creates a member of the FNF list.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_member.create.generate
d.CreateFriendsFamilyMemberProxy.execute**

Table 23: A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 40 characters.		S	R
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

WSFNFCreateFNFMemberResponse

WSFNFCreateFNFMember (WSFNFCreateFNFMemberRequest req)

Set Methods:

setFnfList (FNF_LIST)

setFnfMemberID (FNF_MEMBER_ID)

```

setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Removes an instance of a SpendLimit associated with the Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit.deactivate.generated.DeactivateSpendLimitProxy.execute

Table 24: A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 24: A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 24: A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
DeactivateSpendLimitResponse
DeactivateSpendLimitRequest (DeactivateSpendLimitRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setAccountID (ACCOUNT_ID)
setSpendLimitName (SPEND_LIMIT_NAME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT-RB

Creates an instance of a SpendLimit and associates it with the Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit_rb.deactivate.generated.DeactivateSpendLimitRBProxy.execute

Table 25: A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
OLD_SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
OLD_SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O
OLD_SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	R

Table 25: A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.	Max Length is 19. Format is: yyyy/MM/dd HH:MM:SS		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
OLD_CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
OLD_CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ActivateSpendLimitResponse
ActivateSpendLimitRequest (ActivateSpendLimitRequest req)
```

Set Methods:

```
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccid)
setAccountID(OLD_ACCOUNT_ID)
```

```

setSpendLimitName(OLD_SPEND_LIMIT_NAME)
setSpendLimitUsageCount(OLD_SPEND_LIMIT_USAGE_COUNT)
setSpendLimitThreshold(OLD_SPEND_LIMIT_THRESHOLD)
setSpendLimitNextCycleStartDate(OLD_SPEND_LIMIT_NEXT_CYCLE_START_DATE)
setTransactionID(OLD_TRANSACTION_ID)
setSystemID(OLD_SYSTEM_ID)
setUserID(OLD_USER_ID)
setGroupID(OLD_GROUP_ID)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Display the data associated with a given SpendLimit currently associated with the customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit.display.generated.DisplaySpendLimitProxy.execute

Table 26: A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 26: A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 26: A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

```
DisplaySpendLimitResponse DisplaySpendLimitRequest (DisplaySpendLimitRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setAccountID (ACCOUNT_ID)
setSpendLimitName (SPEND_LIMIT_NAME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID_TYPE
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID_VALUE
<RETURN_DATA_PREFIX>ACCOUNT_ID
<RETURN_DATA_PREFIX>SPEND_LIMIT_NAME
<RETURN_DATA_PREFIX>SPEND_LIMIT_USAGE_COUNT
<RETURN_DATA_PREFIX>SPEND_LIMIT_THRESHOLD
```

<RETURN_DATA_PREFIX>SPEND_LIMIT_CURRENT_CYCLE_START_DATE
<RETURN_DATA_PREFIX>SPEND_LIMIT_NEXT_CYCLE_START_DATE
<RETURN_DATA_PREFIX>SPEND_LIMIT_DAYS_LEFT
<RETURN_DATA_PREFIX>SPEND_LIMIT_AMOUNT_LEFT
<RETURN_DATA_PREFIX>TRANSACTION_ID

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text
<RETURN_DATA_PREFIX><ASDL_NAME>_TRANSACTION_ID
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID.TYPE
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID.VALUE
<RETURN_DATA_PREFIX>ACCOUNT_ID
<RETURN_DATA_PREFIX>SPEND_LIMIT_NAME
<RETURN_DATA_PREFIX>SPEND_LIMIT_USAGE_COUNT
<RETURN_DATA_PREFIX>SPEND_LIMIT_THRESHOLD
<RETURN_DATA_PREFIX>SPEND_LIMIT_CURRENT_CYCLE_START_DATE
<RETURN_DATA_PREFIX>SPEND_LIMIT_NEXT_CYCLE_START_DATE
<RETURN_DATA_PREFIX>SPEND_LIMIT_DAYS_LEFT
<RETURN_DATA_PREFIX>SPEND_LIMIT_AMOUNT_LEFT

A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT-RB

Display the data associated with a given SpendLimit currently associated with the customer Account.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit_rb.display.generated.DisplaySpendLimitRBProxy.execute`

Table 27: A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R

Table 27: A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

```
DisplaySpendLimitResponse displaySpendLimitRequest (DisplaySpendLimitRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccID)
setAccountID (ACCOUNT_ID)
setSpendLimitName (SPEND_LIMIT_NAME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

OLD_SERVICE_PROVIDER_ID

OLD_CUSTOMER_COMPOSITE_ID.TYPE

OLD_CUSTOMER_COMPOSITE_ID.VALUE

OLD_ACCOUNT_ID

OLD_SPEND_LIMIT_NAME

OLD_SPEND_LIMIT_USAGE_COUNT

OLD_SPEND_LIMIT_THRESHOLD

OLD_SPEND_LIMIT_CURRENT_CYCLE_START_DATE

OLD_SPEND_LIMIT_NEXT_CYCLE_START_DATE

OLD_SPEND_LIMIT_DAYS_LEFT

OLD_SPEND_LIMIT_AMOUNT_LEFT

OLD_TRANSACTION_ID

OLD_SYSTEM_ID

OLD_USER_ID

OLD_GROUP_ID

Info Parameters:

ROLLBACK_<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

A_ALA-8618IN_WSTR2_GET_ACCOUNT

Retrieves the account information.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.get.generated.GetAccountProxy.execute

Table 28: A_ALA-8618IN_WSTR2_GET_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. Either ACCOUNT_ID or MSISDN must be provided		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.			S	O

Table 28: A_ALA-8618IN_WSTR2_GET_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
GetAccountResponse getAccount(GetAccountRequest req)
```

Set Methods:

```
setAccountID(ACCOUNT_ID)
```

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setCustomerCompositeID(CustomerCompositeID ccID)
```

```
setGroupID(GROUP_ID)
```

```
setUserID(USER_ID)
```

```
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type
```

```
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
```

```
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID_TYPE
```

```
<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID_VALUE
```

```
<RETURN_DATA_PREFIX>ACCOUNT_ID
```

```
<RETURN_DATA_PREFIX>ACCOUNT_TYPE
```

```
<RETURN_DATA_PREFIX>ACCOUNT_PROFILE
```

<RETURN_DATA_PREFIX>MAIN_BALANCE
<RETURN_DATA_PREFIX>PRICE_PLAN_ID
<RETURN_DATA_PREFIX>ACCOUNT_CREATION_DATE_TIME
<RETURN_DATA_PREFIX>BEGIN_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX>END_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX>BEGIN_ACTIVITY_DATE_TIME
<RETURN_DATA_PREFIX>END_ACT_BEGIN_INACT_DATE_TIME
<RETURN_DATA_PREFIX>END_INACTIVITY_DATE_TIME
<RETURN_DATA_PREFIX>ACCOUNT_STATUS
<RETURN_DATA_PREFIX>LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD
<RETURN_DATA_PREFIX>LOW_CREDIT_PAYMENT_TRIGGER_FLAG
<RETURN_DATA_PREFIX>BLOCKED_FLAG
<RETURN_DATA_PREFIX>LOW_CREDIT_THRESHOLD_WARNING
<RETURN_DATA_PREFIX>LOW_CREDIT_WARNING_ACTIVATON
<RETURN_DATA_PREFIX>FIRST_EVENT_FLAG
<RETURN_DATA_PREFIX>SCRATCH_CARD_SUSPEND_FLAG

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text
<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_COMPOSITE_ID.TYPE
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_COMPOSITE_ID.VALUE
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_TYPE
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_PROFILE
<RETURN_DATA_PREFIX><ASDL_NAME>_MAIN_BALANCE
<RETURN_DATA_PREFIX><ASDL_NAME>_PRICE_PLAN_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_CREATEION_DATE_TIME
<RETURN_DATA_PREFIX><ASDL_NAME>_BEGIN_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX><ASDL_NAME>_END_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX><ASDL_NAME>_BEGIN_ACTIVITY_DATE_TIME

<RETURN_DATA_PREFIX><ASDL_NAME>_END_ACT_BEGIN_INACT_DATE_TIME
 <RETURN_DATA_PREFIX><ASDL_NAME>_END_INACTIVITY_DATE_TIME
 <RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_STATUS
 <RETURN_DATA_PREFIX><ASDL_NAME>_LOW_CRE_PAYMENT_TRI_THRESHO
 LD
 <RETURN_DATA_PREFIX><ASDL_NAME>_LOW_CREDIT_PAYMENT_TRIGGER_F
 LAG
 <RETURN_DATA_PREFIX><ASDL_NAME>_BLOCKED_FLAG
 <RETURN_DATA_PREFIX><ASDL_NAME>_LOW_CREDIT_THRESHOLD_WARNIN
 G
 <RETURN_DATA_PREFIX><ASDL_NAME>_LOW_CREDIT_WARNING_ACTIVATO
 N
 <RETURN_DATA_PREFIX><ASDL_NAME>_FIRST_EVENT_FLAG
 <RETURN_DATA_PREFIX><ASDL_NAME>_SCRATCH_CARD_SUSPEND_FLAG

A_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Retrieves the account information.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_2_0.get.generated.GetAccount_2_0Proxy.execute

Table 29: A_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI				S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
MSISDN	The identifier of the MSISDN for the current customer	Max Length 24 - digits only. Either ACCOUNT_ID or MSISDN must be provided		S	O

Table 29: A_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40. Either ACCOUNT_ID or MSISDN must be provided		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

```
WSAccGetAccountResponse WSAccGetAccount (WSAccGetAccountRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX>MSISDN
<RETURN_DATA_PREFIX>ACCOUNT_ID
<RETURN_DATA_PREFIX>ACCOUNT_TYPE
<RETURN_DATA_PREFIX>ACCOUNT_PROFILE
<RETURN_DATA_PREFIX>MAIN_BALANCE
<RETURN_DATA_PREFIX>PRICE_PLAN_ID
<RETURN_DATA_PREFIX>ACCOUNT_CREATION_DATE_TIME
<RETURN_DATA_PREFIX>BEGIN_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX>END_VALIDITY_DATE_TIME
<RETURN_DATA_PREFIX>BEGIN_ACTIVITY_DATE_TIME
<RETURN_DATA_PREFIX>END_ACT_BEGIN_INACT_DATE_TIME
<RETURN_DATA_PREFIX>END_INACTIVITY_DATE_TIME
<RETURN_DATA_PREFIX>ACCOUNT_STATUS
<RETURN_DATA_PREFIX>LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD
<RETURN_DATA_PREFIX>LOW_CREDIT_PAYMENT_TRIGGER_FLAG
<RETURN_DATA_PREFIX>TOPUP_AMOUNT
<RETURN_DATA_PREFIX>SPEND_LIMIT
<RETURN_DATA_PREFIX>BLOCKED_FLAG
<RETURN_DATA_PREFIX>LOW_CREDIT_THRESHOLD_WARNING
<RETURN_DATA_PREFIX>LOW_CREDIT_WARNING_ACTIVATON
<RETURN_DATA_PREFIX>FIRST_EVENT_FLAG
<RETURN_DATA_PREFIX>SCRATCH_CARD_SUSPEND_FLAG

A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Retrieves the account balance information.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_balance.get.generated.GetAccountBalanceProxy.execute

Table 30: A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.			S	O

Table 30: A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
GetAccountBalanceResponse getAccountBalance(GetAccountBalanceRequest req)
```

Set Methods:

```
setAccountID(ACCOUNT_ID)
```

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setCustomerCompositeID(CustomerCompositeID ccID)
```

```
setGroupID(GROUP_ID)
```

```
setUserID(USER_ID)
```

```
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type
```

```
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
```

```
<RETURN_DATA_PREFIX>CUSTOME_COMPOSITE_ID_TYPE
```

```
<RETURN_DATA_PREFIX>CUSTOME_COMPOSITE_ID_VALUE
```

```
<RETURN_DATA_PREFIX>ACCOUNT_ID
```

```
<RETURN_DATA_PREFIX>ACCOUNT_PROFILE
```

```
<RETURN_DATA_PREFIX>ACCOUNT_STATUS
```

<RETURN_DATA_PREFIX>ACCOUNT_TYPE
<RETURN_DATA_PREFIX>MAIN_BALANCE
<RETURN_DATA_PREFIX>TRANSACTION_ID
<RETURN_DATA_PREFIX>BUCKET[x].BUCKET_NAME
<RETURN_DATA_PREFIX>BUCKET[x].BUCKET_TYPE
<RETURN_DATA_PREFIX>BUCKET[x].BUCKET_UNIT
<RETURN_DATA_PREFIX>BUCKET[x].BUCKET_VALUE
<RETURN_DATA_PREFIX>BUCKET[x].BUCKET_EXPIRY_DATE_TIME

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_TRANSACTION_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOME_COMPOSITE_ID.TYPE

<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOME_COMPOSITE_ID.VALUE

<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_PROFILE

<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_STATUS

<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_TYPE

<RETURN_DATA_PREFIX><ASDL_NAME>_MAIN_BALANCE

<RETURN_DATA_PREFIX><ASDL_NAME>_TRANSACTION_ID

<RETURN_DATA_PREFIX><ASDL_NAME>BUCKET[x].BUCKET_NAME

<RETURN_DATA_PREFIX><ASDL_NAME>BUCKET[x].BUCKET_TYPE

<RETURN_DATA_PREFIX><ASDL_NAME>BUCKET[x].BUCKET_UNIT

<RETURN_DATA_PREFIX><ASDL_NAME>BUCKET[x].BUCKET_VALUE

<RETURN_DATA_PREFIX><ASDL_NAME>BUCKET[x].BUCKET_EXPIRY_DATE_TIME

A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

Retrieves the account balance information for version 2.0

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.wstr2.account_balance_2_0.get.generated.GetAccount_balance_2_0_Proxy.execute`

Table 31: A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O
MSISDN	The identifier of the MSISDN for the current customer	Max Length 24 - digits only. Either ACCOUNT_ID or MSISDN must be provided		S	R

MML Commands

```
WSAccGetAccountBalanceResponse  
WSAccGetAccountBalance (WSAccGetAccountBalanceRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)  
setServiceProviderID (SERVICE_PROVIDER_ID)  
setSystemID (SYSTEM_ID)  
setMsisdn (MSISDN)  
setGroupID (GROUP_ID)  
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

SERVICE_PROVIDER_ID

MSISDN

ACCOUNT_ID

ACCOUNT_TYPE

ACCOUNT_PROFILE

MAIN_BALANCE

BUNDLE[x].BUNDLE_NAME

BUNDLE[x].BUNDLE_TYPE

BUNDLE[x].BUNDLE_UNIT

BUNDLE[x].BUNDLE_VALUE

BUNDLE[x].BUNDLE_EXPIRY_DATE_TIME

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

<ASDL_NAME>_SERVICE_PROVIDER_ID

<ASDL_NAME>_MSISDN

<ASDL_NAME>_ACCOUNT_ID

<ASDL_NAME>_ACCOUNT_TYPE
 <ASDL_NAME>_ACCOUNT_PROFILE
 <ASDL_NAME>_MAIN_BALANCE
 BUNDLE[x].BUNDLE_NAME
 BUNDLE[x].BUNDLE_TYPE
 BUNDLE[x].BUNDLE_UNIT
 BUNDLE[x].BUNDLE_VALUE
 BUNDLE[x].BUNDLE_EXPIRY_DATE_TIME

A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB

Retrieves the account information.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_rb.get.generated.GetAccountRBProxy.execute

Table 32: A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 32: A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. Either ACCOUNT_ID or MSISDN must be provided		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
CUSTOMER_COMPOSITE_SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
GetAccountResponse getAccount(GetAccountRequest req)
```

Set Methods:

```
setAccountID(ACCOUNT_ID)
```

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setCustomerCompositeID(CustomerCompositeID ccID)
```

```
setGroupID(GROUP_ID)
```

```
setUserID(USER_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

OLD_SERVICE_PROVIDER_ID

OLD_CUSTOME_COMPOSITE_ID
OLD_ACCOUNT_ID
OLD_ACCOUNT_TYPE
OLD_ACCOUNT_PROFILE
OLD_MAIN_BALANCE
OLD_PRICE_PLAN_ID
OLD_ACCOUNT_CREATEION_DATE_TIME
OLD_BEGIN_VALIDITY_DATE_TIME
OLD_END_VALIDITY_DATE_TIME
OLD_BEGIN_ACTIVITY_DATE_TIME
OLD_END_ACT_BEGIN_INACT_DATE_TIME
OLD_END_INACTIVITY_DATE_TIME
OLD_ACCOUNT_STATUS
OLD_LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD
OLD_LOW_CREDIT_PAYMENT_TRIGGER_FLAG
OLD_TOPUP_AMOUNT
OLD_SPEND_LIMIT
OLD_BLOCKED_FLAG
OLD_LOW_CREDIT_THRESHOLD_WARN
OLD_LOW_CREDIT_WARNING_ACT
OLD_FIRST_EVENT_FLAG
OLD_SCRATCH_CARD_SUSPEND_FLAG
OLD_USER_ID
OLD_GROUP_ID
OLD_SYSTEM_ID

A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0

Retrieves the account information.

It is implemented by the Java method:

```
com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_rb_2_0.get.generated.GetAccount_rb_2_0Proxy.execute
```

Table 33: A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
MSISDN	The identifier of the MSISDN for the current customer	Max Length 24 - digits only. Either ACCOUNT_ID or MSISDN must be provided		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40. Either ACCOUNT_ID or MSISDN must be provided		S	O
RETURN_DATA_FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

```
WSAccGetAccountResponse WSAccGetAccount (WSAccGetAccountRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

```
<ASDL_NAME>_UDET = User Defined Exit Type
OLD_SERVICE_PROVIDER_ID
OLD_MSISDN
OLD_ACCOUNT_ID
OLD_ACCOUNT_TYPE
OLD_ACCOUNT_PROFILE
OLD_MAIN_BALANCE
OLD_PRICE_PLAN_ID
OLD_ACCOUNT_CREATEION_DATE_TIME
OLD_BEGIN_VALIDITY_DATE_TIME
OLD_END_VALIDITY_DATE_TIME
OLD_BEGIN_ACTIVITY_DATE_TIME
OLD_END_ACT_BEGIN_INACT_DATE_TIME
OLD_END_INACTIVITY_DATE_TIME
OLD_ACCOUNT_STATUS
OLD_LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD
OLD_LOW_CREDIT_PAYMENT_TRIGGER_FLAG
OLD_TOPUP_AMOUNT
```

OLD_SPEND_LIMIT
 OLD_BLOCKED_FLAG
 OLD_LOW_CREDIT_THRESHOLD_WARN
 OLD_LOW_CREDIT_WARNING_ACT
 OLD_FIRST_EVENT_FLAG
 OLD_SCRATCH_CARD_SUSPEND_FLAG
 OLD_USER_ID
 OLD_GROUP_ID
 OLD_SYSTEM_ID

A_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Retrieves the adjustment and/or top up history of a given MSISDN.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.adjustment_topup_history.get.generated.GetAdjustmentTopupHistoryProxy.execute

Table 34: A_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ID	Character string identifier of the current customer.	Maximum of 60 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 34: A_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
NUMBER_OF_RECORDS	This field indicates the maximum number of records to be returned in the output.	Integer. Max value of 99999		S	O
PAGE	This field indicates the Nth page of data, each page has number of records. The first page always contains the most recent data.	Integer. Max Value of 999		S	O
FROM_DATE	Date to start search from.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
TO_DATE	Date to end search on.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

```
WSAdjGetAdjustmentTopupHistoryResponse
WSAdjGetAdjustmentTopupHistory (WSAdjGetAdjustmentTopupHistoryRequest req)
```

Set Methods:

```
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
```

```
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setNumberOfRecords (NUMBER_OF_RECORDS)
setPage (PAGE)
setFromDate (FROM_DATE)
setToDate (TO_DATE)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parns:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].RECORD_ID

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].TRANSACTION_ID

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].DATE_TIME

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].EVENT

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].AMOUNT

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].ADJUSTMENT_REASON

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].TOPUP_TYPE

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].TOPUP_CHANNEL

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].TOPUP_PROFILE_ID

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].VOUCHER_SERIAL_NUMBER

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].GL_CODE

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].GL_CENTRE

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].GST_RATE

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].RECEIPT_ID

<RETURN_DATA_PREFIX>ADJUSTMENT_TOPUP[x].BATCH_ID

A_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Retrieves the call history of a given customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.call_history.get.generated.GetCallHistoryProxy.execute

Table 35: A_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
CUSTOMER_ID	Character string identifier of the current customer.	Maximum of 40 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NUMBER_OF_RECORDS	This field indicates the maximum number of records to be returned in the output.	Max Value 99999		S	O
PAGE	This field indicates the Nth page of data, each page has number of records. The first page always contains the most recent data.	Max Value 999. Integer		S	O

Table 35: A_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
FROM_DATE	Restrict search to begin from FROM_DATE.	Maximum of 10 characters. Format DD/MM/YYYY		S	O
TO_DATE	Restrict search to end at TO_DATE.	Maximum of 10 characters. Format DD/MM/YYYY		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

```
WSCallHistory_wsdl.WSCallHisGetCallHistoryResponse
WSCallHisGetCallHistory(WSCallHisGetCallHistoryRequest req)
```

Set Methods:

```
-----
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setMsisdn(MSISDN)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setFromDate(FROM_DATE)
setToDate(TO_DATE)
setNumberOfRecords(NUMBER_OF_RECORDS)
setPage(PAGE)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX>CALL_LIST[x].RECORD_ID

<RETURN_DATA_PREFIX>CALL_LIST[x].EVENT_TYPE

<RETURN_DATA_PREFIX>CALL_LIST[x].DATE_TIME

<RETURN_DATA_PREFIX>CALL_LIST[x].ORIGIN

<RETURN_DATA_PREFIX>CALL_LIST[x].BPARTY

<RETURN_DATA_PREFIX>CALL_LIST[x].DURATION

<RETURN_DATA_PREFIX>CALL_LIST[x].GST_AMOUNT

<RETURN_DATA_PREFIX>CALL_LIST[x].AMOUNT

<RETURN_DATA_PREFIX>CALL_LIST[x].GST_FLAG

<RETURN_DATA_PREFIX>CALL_LIST[x].RUNNING_BALANCE

<RETURN_DATA_PREFIX>CALL_LIST[x].QUANTITY

<RETURN_DATA_PREFIX>CALL_LIST[x].QUANTITY_TYPE

<RETURN_DATA_PREFIX>CALL_LIST[x].NUMBER_OF_BUNDLES

<RETURN_DATA_PREFIX>CALL_LIST[x].BUNDLE_NAME

<RETURN_DATA_PREFIX>CALL_LIST[x].BUNDLE_TYPE

<RETURN_DATA_PREFIX>CALL_LIST[x].BUNDLE_UNIT

<RETURN_DATA_PREFIX>CALL_LIST[x].BUNDLE_CONSUMED_UNIT

<RETURN_DATA_PREFIX>CALL_LIST[x].ON_NET_OFF_NET_FLAG

<RETURN_DATA_PREFIX>CALL_LIST[x].GL_CODE

<RETURN_DATA_PREFIX>TOTAL_RECORDS

A_ALA-8618IN_WSTR2_GET_CUS_SUB

Interface to return the details of Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub.get.generated.GetCusSubProxy.execute

Table 36: A_ALA-8618IN_WSTR2_GET_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
RETURN_DATA_FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

Table 36: A_ALA-8618IN_WSTR2_GET_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

GetCusSubResponse GetCusSubRequest(GetCusSubRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setSubscriptionName(SUBSCRIPTION_NAME)

setCommunityName(COMMUNITY_NAME)

setTransactionID(TRANSACTION_ID)

setSystemID(SYSTEM_ID)

setUserID(USER_ID)

setGroupID(GROUP_ID)

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID

<RETURN_DATA_PREFIX>SUBSCRIPTION_NAME

<RETURN_DATA_PREFIX>COMMUNITY_NAME

<RETURN_DATA_PREFIX>SUBSCRIPTION_TERMINATION_DATETIME

<RETURN_DATA_PREFIX>SUBSCRIPTION_CREATE_STATE

<RETURN_DATA_PREFIX>SUBSCRIPTION_FEE_FLAG

<RETURN_DATA_PREFIX>TRANSACTION_ID

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_TRANSACTION_ID

<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX>CUSTOMER_COMPOSITE_ID

<RETURN_DATA_PREFIX>SUBSCRIPTION_NAME

<RETURN_DATA_PREFIX>COMMUNITY_NAME

<RETURN_DATA_PREFIX>SUBSCRIPTION_TERMINATION_DATETIME

<RETURN_DATA_PREFIX>SUBSCRIPTION_CREATE_STATE

<RETURN_DATA_PREFIX>SUBSCRIPTION_FEE_FLAG

<RETURN_DATA_PREFIX>TRANSACTION_ID

A_ALA-8618IN_WSTR2_GET_CUS_SUB-RB

Interface to return the details of Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub_rb.get.generated.GetCusSubRBProxy.execute

Table 37: A_ALA-8618IN_WSTR2_GET_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 37: A_ALA-8618IN_WSTR2_GET_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
OLD_COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O
OLD_CUSTOMER_COMPOSITE_ID	Apollo IN Customer identification.			C	R

MML Commands

GetCusSubResponse GetCusSubRequest(GetCusSubRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setSubscriptionName(SUBSCRIPTION_NAME)
setCommunityName(COMMUNITY_NAME)
setTransactionID(TRANSACTION_ID)
setSystemID(SYSTEM_ID)
setUserID(USER_ID)
setGroupID(GROUP_ID)

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit
Type

OLD_SERVICE_PROVIDER_ID

OLD_CUSTOMER_COMPOSITE_ID.TYPE

OLD_CUSTOMER_COMPOSITE_ID.VALUE

OLD_SUBSCRIPTION_NAME

OLD_COMMUNITY_NAME

OLD_SUBSCRIPTION_TERMINATION_DATETIME

OLD_SUBSCRIPTION_CREATE_STATE

OLD_SUBSCRIPTION_FEE_FLAG

OLD_TRANSACTION_ID

OLD_GROUP_ID

OLD_USER_ID

OLD_SYSTEM_ID

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error
code +": "+Error text

A_ALA-8618IN_WSTR2_GET_CUSTOMER

Retrieves the details of a customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer.get.generated.GetCustomerProxy.execute

Table 38: A_ALA-8618IN_WSTR2_GET_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O

MML Commands

GetCustomerResponse getCustomer(GetCustomerRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setSystemID(SYSTEM_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setGroupID(GROUP_ID)

setUserID(USER_ID)

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX>CUSTOMER_ID

<RETURN_DATA_PREFIX>MSISDN

<RETURN_DATA_PREFIX>BAID

<RETURN_DATA_PREFIX>IT_CUSTOMER_ID

<RETURN_DATA_PREFIX>ACCOUNT_ID

<RETURN_DATA_PREFIX>MSID_TYPE

<RETURN_DATA_PREFIX>MSID

<RETURN_DATA_PREFIX>CLOSED_USER_GROUP

<RETURN_DATA_PREFIX>FNF_LIST

<RETURN_DATA_PREFIX>COMMERCIAL_OFFER

<RETURN_DATA_PREFIX>CUSTOMER_STATUS

<RETURN_DATA_PREFIX>ADDRESS

<RETURN_DATA_PREFIX>BIRTHDAY

<RETURN_DATA_PREFIX>GL_CODE

<RETURN_DATA_PREFIX>POST_CODE

<RETURN_DATA_PREFIX>OPTIN_OPTOUT

<RETURN_DATA_PREFIX>LANGUAGE

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error
text

<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_MSISDN

<RETURN_DATA_PREFIX><ASDL_NAME>_BAID

<RETURN_DATA_PREFIX><ASDL_NAME>_IT_CUSTOMER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_MSID_TYPE

<RETURN_DATA_PREFIX><ASDL_NAME>_MSID

<RETURN_DATA_PREFIX><ASDL_NAME>_CLOSED_USER_GROUP

<RETURN_DATA_PREFIX><ASDL_NAME>_FNF_LIST

<RETURN_DATA_PREFIX><ASDL_NAME>_COMMERCIAL_OFFER

<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_STATUS

<RETURN_DATA_PREFIX><ASDL_NAME>_ADDRESS

<RETURN_DATA_PREFIX><ASDL_NAME>_BIRTHDAY

<RETURN_DATA_PREFIX><ASDL_NAME>_GL_CODE

<RETURN_DATA_PREFIX><ASDL_NAME>_POST_CODE

<RETURN_DATA_PREFIX><ASDL_NAME>_OPTIN_OPTOUT

<RETURN_DATA_PREFIX><ASDL_NAME>_LANGUAGE

A_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0

Retrieves the details of a customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_2_0.get.generated.GetCustomer_2_0Proxy.execute

Table 39: A_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

WSCusGetCustomerResponse WSCusGetCustomer(WSCusGetCustomerRequest req)

Set Methods:

```
-----  
setCustomerID(CUSTOMER_ID)  
setServiceProviderID(SERVICE_PROVIDER_ID)  
setSystemID(SYSTEM_ID)  
setMsisdn(MSISDN)  
setGroupID(GROUP_ID)  
setUserID(USER_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

SERVICE_PROVIDER_ID

IT_CUSTOMER_ID

CUSTOMER_ID

ACCOUNT_ID

MSISDN

MSID

MSID_TYPE

CLOSED_USER_GROUP

FNF_LIST

COMMERCIAL_OFFER

CUSTOMER_STATUS

ADDRESS

BIRTHDAY

GL_CODE

POST_CODE

OPTIN_OPTOUT

LANGUAGE

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_IT_CUSTOMER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_MSISDN
<RETURN_DATA_PREFIX><ASDL_NAME>_MSID
<RETURN_DATA_PREFIX><ASDL_NAME>_MSID_TYPE
<RETURN_DATA_PREFIX><ASDL_NAME>_CLOSED_USER_GROUP
<RETURN_DATA_PREFIX><ASDL_NAME>_FNF_LIST
<RETURN_DATA_PREFIX><ASDL_NAME>_COMMERCIAL_OFFER
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_STATUS
<RETURN_DATA_PREFIX><ASDL_NAME>_ADDRESS
<RETURN_DATA_PREFIX><ASDL_NAME>_BIRTHDAY
<RETURN_DATA_PREFIX><ASDL_NAME>_GL_CODE
<RETURN_DATA_PREFIX><ASDL_NAME>_POST_CODE
<RETURN_DATA_PREFIX><ASDL_NAME>_OPTIN_OPTOUT
<RETURN_DATA_PREFIX><ASDL_NAME>_LANGUAGE

A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

Retrieves the customer account information.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account.get.generated.GetCustomerAccountProxy.execute`

Table 40: A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

`WSCusAccGetCusAccResponse WSCusAccGetCusAcc (WSCusAccGetCusAccRequest req)`

Set Methods:

```
setCustomerAccountName (CUSTOMER_ACCOUNT_NAME)
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX>CUSTOMER_ACCOUNT_NAME
<RETURN_DATA_PREFIX>CUSTOMER_ID
<RETURN_DATA_PREFIX>ACCOUNT_ID
<RETURN_DATA_PREFIX>COMMUNITY
```

Info Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error
text
<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_ACCOUNT_NAME
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_ACCOUNT_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_COMMUNITY
```

A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT-RB

Retrieves the customer account information.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account_rb.get.generated.GetCustomerAccountRBProxy.execute`

Table 41: A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

`WSCusAccGetCusAccResponse WSCusAccGetCusAcc (WSCusAccGetCusAccRequest req)`

Set Methods:

setCustomerAccountName (CUSTOMER_ACCOUNT_NAME)

setCustomerID (CUSTOMER_ID)

setServiceProviderID (SERVICE_PROVIDER_ID)

setCommunity (COMMUNITY)

setSystemID (SYSTEM_ID)

setGroupID (GROUP_ID)

setUserID (USER_ID)

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

OLD_SERVICE_PROVIDER_ID

OLD_CUS_ACC_NAME

OLD_CUSTOMER_ID

OLD_ACCOUNT_ID

OLD_COMMUNITY

OLD_USER_ID

OLD_GROUP_ID

OLD_SYSTEM_ID

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB

Retrieves the details of a customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_rb.get.generated.GetCustomerRBProxy.execute

Table 42: A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

GetCustomerResponse getCustomer(GetCustomerRequest req)

Set Methods:

setCustomerCompositeID(CustomerCompositeID ccid)

setServiceProviderID(SERVICE_PROVIDER_ID)

setSystemID(SYSTEM_ID)

setGroupID(GROUP_ID)

setUserID(USER_ID)

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit
Type

OLD_SERVICE_PROVIDER_ID

OLD_IT_CUSTOMER_ID

OLD_ACCOUNT_ID

OLD_MSID

OLD_MSID_TYPE

OLD_CLOSED_USER_GROUP

OLD_FNF_LIST

OLD_COMMERCIAL_OFFER

OLD_CUSTOMER_STATUS

OLD_ADDRESS

OLD_BIRTHDAY

OLD_GL_CODE

OLD_POST_CODE

OLD_OPT_IN_OPTOUT

OLD_LANGUAGE

OLD_CUSTOMER_COMPOSITE_ID_TYPE

OLD_CUSTOMER_COMPOSITE_ID_VALUE

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error
code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_SERVICE_PROVIDER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_IT_CUSTOMER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_ACCOUNT_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_MSID

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_MSID_TYPE

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_CLOSED_USER_GROUP

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_FNF_LIST

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_COMMERCIAL_OFFER

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_CUSTOMER_STATUS

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_ADDRESS

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_BIRTHDAY

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_GL_CODE

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_POST_CODE

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_OPT_IN_OPTOUT

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_LANGUAGE

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_CUSTOMER_COMPOSITE_ID_TY
PE

<RETURN_DATA_PREFIX><ASDL_NAME>_OLD_CUSTOMER_COMPOSITE_ID_V
ALUE

A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

Retrieves the details of a customer.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_rb_2_0.get.generated.GetCustomer_rb_2_0Proxy.execute`

Table 43: A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

`WSCusGetCustomerResponse WSCusGetCustomer(WSCusGetCustomerRequest req)`

Set Methods:

```
-----  
setCustomerID(CUSTOMER_ID)  
setServiceProviderID(SERVICE_PROVIDER_ID)  
setSystemID(SYSTEM_ID)  
setMsisdn(MSISDN)  
setGroupID(GROUP_ID)  
setUserID(USER_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

OLD_SERVICE_PROVIDER_ID

OLD_IT_CUSTOMER_ID

OLD_CUSTOMER_ID

OLD_ACCOUNT_ID

OLD_MSISDN

OLD_MSID

OLD_MSID_TYPE

OLD_CLOSED_USER_GROUP

OLD_FNF_LIST

OLD_COMMERCIAL_OFFER

OLD_CUSTOMER_STATUS

OLD_ADDRESS

OLD_BIRTHDAY

OLD_GL_CODE

OLD_POST_CODE

OLD_OPT_IN_OPTOUT

OLD_LANGUAGE

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error
code +": "+Error text

A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

Retrieves the details of a Customer Subscription.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription.get.generated.
GetCustomerSubscriptionProxy.execute**

Table 44: A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer	Maximum of 20 characters.		S	R
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
SERVICE_OFFER_GROUP	Reference to the service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_ID	This field is a character string identifier of the current customer.	Maximum of 60 characters.		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

WSCusSubGetCusSubResponse WSCusSubGetCusSub (WSCusSubGetCusSubRequest req)

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setServiceOfferGroup (SERVICE_OFFER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type
<RETURN_DATA_PREFIX>SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX>CUSTOMER_ID
<RETURN_DATA_PREFIX>SERVICE_OFFER_GROUP
<RETURN_DATA_PREFIX>TERMINATION_DATE
<RETURN_DATA_PREFIX>COMMUNITY
<RETURN_DATA_PREFIX>STATE
<RETURN_DATA_PREFIX>SUBSCRIPTION_FEE_FLAG
```

Info Parameters:

```
<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error
text
<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_PROVIDER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_CUSTOMER_ID
<RETURN_DATA_PREFIX><ASDL_NAME>_SERVICE_OFFER_GROUP
<RETURN_DATA_PREFIX><ASDL_NAME>_TERMINATION_DATE
<RETURN_DATA_PREFIX><ASDL_NAME>_COMMUNITY
<RETURN_DATA_PREFIX><ASDL_NAME>_STATE
<RETURN_DATA_PREFIX><ASDL_NAME>_SUBSCRIPTION_FEE_FLAG
```

A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION-RB

Retrieves the details of a Customer Subscription (for use in a rollback).

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription_rb.get.generated.GetCustomerSubscriptionRBProxy.execute

Table 45: A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_ID	This field is a character string identifier of the current customer.	Maximum of 60 characters.		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

WSCusSubGetCusSubResponse WSCusSubGetCusSub (WSCusSubGetCusSubRequest req)

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setServiceOfferGroup (SERVICE_OFFER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

```
OLD_SERVICE_PROVIDER_ID
OLD_CUSTOMER_ID
OLD_SERVICE_OFFER_GROUP
OLD_TERMINATION_DATE
OLD_COMMUNITY
OLD_STATE
OLD_SUBSCRIPTION_FEE_FLAG
OLD_GROUP_ID
OLD_SYSTEM_ID
OLD_USER_ID
```

Info Parameters:

<RETURN_DATA_PREFIX>ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST

Checks whether a record exists in the FNF list.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_list.get.generated.GetFriendsFamilyListProxy.execute

Table 46: A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

```
WSFNGetFNFListResponse WSFNGetFNFList(WSFNGetFNFListRequest req)
```

Set Methods:

```
setFnfList(FNF_LIST)
```

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setGroupID(GROUP_ID)
```

```
setUserID(USER_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

<RETURN_DATA_PREFIX>FNF_LIST

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_FNF_LIST

A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

Checks whether a FNF member exists in the FNF list.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_member.get.generated.
GetFriendsFamilyMemberProxy.execute**

Table 47: A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 40 characters.		S	R

Table 47: A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

```
WSFNFGetFNFMemberResponse WSFNFGetFNFMember (WSFNFGetFNFMemberRequest req)
```

Set Methods:

```
setFnfList (FNF_LIST)
setFnfMemberID (FNF_MEMBER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

<RETURN_DATA_PREFIX>FNF_MEMBER_ID

<RETURN_DATA_PREFIX>FNF_LIST

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_FNF_MEMBER_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_FNF_LIST

A_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Retrieves statement details.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.statement_details.get.generated.GetStatementDetailsProxy.execute`

Table 48: A_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of is 20		S	R
CUSTOMER_ID	String identifier for the current customer.	Maximum of is 60		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of is 24. Digits only		S	O
FROM_DATE	Date to start search for query.	Maximum of is 10. Format is: DD/MM/YYYY		S	O
TO_DATE	Date to end query results.	Maximum of is 10. Format is: DD/MM/YYYY		S	O
USER_ID	This field is the identifier of the current user.	Maximum of is 20		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of is 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of is 20		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of is 32		S	O

Table 48: A_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Parameter Name	Description	Range	Default Value	Type	Class
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

MML Commands

```
WSCallHisGetStatementDetailsResponse
WSCallHisGetStatementDetails(WSCallHisGetStatementDetailsRequest req)
```

Set Methods:

```
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setMsisdn(MSISDN)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
setFromDate(FROM_DATE)
setToDate(TO_DATE)
```

Output Parameters

CSDL Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<RETURN_DATA_PREFIX><ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<RETURN_DATA_PREFIX><ASDL_NAME>_TRANSACTION_ID

<RETURN_DATA_PREFIX><ASDL_NAME>_OUTPUT_FILE_NAME

A_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

This request is used to charge a one-off fee to an account.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.immediate_charging.generated.ImmediateChargingProxy.execute`

Table 49: A_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
FEE_RATING_RULE_ID	This field is the identifier of the fee rating rule.	Maximum of 40 characters.		S	R
USE_CASE	This field is the identifier of the useCase.	Maximum of 40 characters.		S	R

Table 49: A_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O

MML Commands

```
WSAccImmediateChargingResponse
WSAccImmediateCharging (WSAccImmediateChargingRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setUseCase (USE_CASE)
setFeeRatingRuleID (FEE_RATING_RULE_ID)
```

Output Parameters

CSDL parameters:

```
<ASDL_NAME>_UDET
```

Info Parameters:

```
<ASDL_NAME>_RETURN_INFO = Error code "+" : "+ Error text
```

```
<ASDL_NAME>_ACCOUNT_BALANCE
```

```
<ASDL_NAME>_END_ACT_BEGIN_INACT_DATE_TIME
```

```
<ASDL_NAME>_END_INACTIVITY_DATE_TIME
```

```
<ASDL_NAME>_TRANSACTION_ID
```


A_ALA-8618IN_WSTR2_LIST_BUCKETS

List the Buckets of a Apollo IN Customer Account.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.buckets.list.generated.ListBucketsProxy.execute`

Table 50: A_ALA-8618IN_WSTR2_LIST_BUCKETS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUCKET_ID	BucketID to identify a Bucket.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R

Table 50: A_ALA-8618IN_WSTR2_LIST_BUCKETS

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ListBucketsResponse ListBucketsRequest(CreateBucketRequest req)
```

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccid)
setAccountID(ACCOUNT_ID)
setBucketID(BUCKET_ID)
setTransactionID(TRANSACTION_ID)
setSystemID(SYSTEM_ID)
setUserID(USER_ID)
setGroupID(GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_LIST_COUNTERS

List all the Counters of a Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.counters.list.generated.ListCountersProxy.execute

Table 51: A_ALA-8618IN_WSTR2_LIST_COUNTERS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 51: A_ALA-8618IN_WSTR2_LIST_COUNTERS

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ListCountersResponse ListCountersRequest(ListCountersRequest req)
```

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
```

```
setAccountID(ACCOUNT_ID)
```

```
setCounterLabel(COUNTER_LABEL)
```

```
setCustomerCompositeID(CustomerCompositeID ccid)
```

```
setGroupID(GROUP_ID)
```

```
setSystemID(SYSTEM_ID)
```

```
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

Lists all the available commercial offers that belong to the service provider ID.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.commercial_offer.list.generated.ListCommercialOfferProxy.execute

Table 52: A_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
COMMERCIAL_OFFER_NAME	Name of the commercial offer.	Maximum of 30		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

```
WSCOListCommercialOfferResponse
WSCOListCommercialOffer(WSCOListCommercialOfferRequest req)
```

Set Methods:

```
setCommercialOfferName (COMMERCIAL_OFFER_NAME)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

COMMERCIAL_OFFER[x].NAME

A_ALA-8618IN_WSTR2_LIST_CUS_SUB

Interface to list all available subscriptions for an Apollo IN Customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub.list.generated.ListCusSubProxy.execute

Table 53: A_ALA-8618IN_WSTR2_LIST_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 53: A_ALA-8618IN_WSTR2_LIST_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

ListCusSubResponse ListCusSubRequest(ListCusSubRequest req)

Set Methods:

```

setServiceProviderID(SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccid)
setSubscriptionName(SUBSCRIPTION_NAME)
setCommunityName(COMMUNITY_NAME)
setTransactionID(TRANSACTION_ID)
setSystemID(SYSTEM_ID)
setUserID(USER_ID)
setGroupID(GROUP_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

Lists all the available customer accounts belonged to a given customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account.list.generated.ListCustomerAccountProxy.execute

Table 54: A_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 54: A_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusAccListCusAccResponse WSCusAccListCusAcc (WSCusAccListCusAccRequest req)
```

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

SERVICE_PROVIDER_ID[x]

CUSTOMER_ACCOUNT_NAME[x]

CUSTOMER_ID[x]

ACCOUNT_ID[x]

COMMUNITY[x]

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

CUS_ACC_LIST[x].SERVICE_PROVIDER_ID
 CUS_ACC_LIST[x].CUSTOMER_ACCOUNT_NAME
 CUS_ACC_LIST[x].CUSTOMER_ID
 CUS_ACC_LIST[x].ACCOUNT_ID
 CUS_ACC_LIST[x].COMMUNITY

A_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION

Lists all the available subscriptions belonged to a given customer.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription.list.generated.
 ListCustomerSubscriptionProxy.execute**

Table 55: A_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of 20 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

WSCusSubListCusSubResponse WSCusSubListCusSub (WSCusSubListCusSubRequest req)

Set Methods:

```

-----
setCustomerID(CUSTOMER_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setMsisdn(MSISDN)
setGroupID(GROUP_ID)
setUserID(USER_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

SERVICE_PROVIDER_ID[x]

CUSTOMER_ID[x]

SERVICE_OFFER_GROUP[x]

Info Params:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

SUBSCRIPTION[x].SERVICE_PROVIDER_ID

SUBSCRIPTION[x].CUSTOMER_ID

SUBSCRIPTION[x].SERVICE_OFFER_GROUP

A_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

Lists of the available FNF list for a given service provider.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_member.list.generated.
ListFriendsFamilyMemberProxy.execute**

Table 56: A_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R

Table 56: A_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

```
WSFNFListFNFMemberResponse WSFNFListFNFMember (WSFNFListFNFMemberRequest req)
```

Set Methods:

```
setFnfList (FNF_LIST)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

OLD_SERVICE_PROVIDER_IDx

OLD_FNF_MEMBER_IDx

OLD_FNF_LISTx

Info Params:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

OLD_FNF_MEMBERx.SERVICE_PROVIDER_ID

OLD_FNF_MEMBERx.FNF_MEMBER_ID

OLD_FNF_MEMBERx.FNF_LIST

where x is inter starting from 1.

A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Make adjustment to account balance.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.adjustment.make.generated.MakeAdjustmentProxy.execute

Table 57: A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
ACCOUNT_ID	This field is the identifier of the customer account.	Maximum of 40 characters.		S	O
ADJUSTMENT_DATE_TIME	Date adjustment made.	Max Length 19. Format: DD/MM/YYYY HH:MM:SS		S	O
ADJUSTMENT_REASON	Adjustment reason.	Maximum of 40 characters.		S	R
ADJUSTMENT_TYPE	Adjustment type.	Maximum of 20 characters.		S	O
ADJUSTMENT_AMOUNT	Delta value to be applied to the main balance.	Value in cents. Digits only		S	R
GL_CENTRE	This field identifies the GL centre.	Maximum of 10 characters		S	O
GL_CODE	This field identifies the GL code.	Maximum of 10 characters		S	O
GROUP_ID	This field is used to restrict data access specific to its own service provider.	Maximum of 20 characters.		S	O

Table 57: A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Parameter Name	Description	Range	Default Value	Type	Class
GST_RATE	This field identifies the GST rate.	Max Value is 100. Value is a percentage. Digits only		S	O
MERCHANT_ID	This field is used to store the merchant identifier.	Maximum of 32 characters.		S	O
RECEIPT_ID	This field is used to store the receipt number provided by billpay.	Maximum of 32 characters.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
OLD_ADJUSTMENT_REASON	Adjustment reason.	Maximum of 40 characters.		S	O
OLD_ADJUSTMENT_AMOUNT	Delta value to be applied to the main balance.	Value in cents. Digits only		S	O
CUSTOMER_COMPO_SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 57: A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

MakeAdjustmentResponse makeAdjustment (MakeAdjustmentRequest req)

Set Methods:

```

setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setCustomerCompositeID (CustomerCompositeID ccID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setAdjustmentReason (ADJUSTMENT_REASON)
setAmount (AMOUNT)
setGLCentre (GL_CENTRE)
setAdjustmentDate (ADJUSTMENT_DATE)
setGLCode (GL_CODE)
setReceiptID (RECEIPT_ID)
setGstRate (GST_RATE)
setMerchantID (MERCHANT_ID)
setAdjustmentType (ADJUSTMENT_TYPE)

```

If running as a rollback actions, the set methods will be:

```

setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setGroupID (GROUP_ID)
setUserID (USER_ID)

```

```
setTransactionID (TRANSACTION_ID)
setAdjustmentReason (OLD_ADJUSTMENT_REASON)
setAmount (OLD_AMOUNT)
setGLCentre (GL_CENTRE)
setAdjustmentDate (ADJUSTMENT_DATE)
setGLCode (GL_CODE)
setReceiptID (RECEIPT_ID)
setGstRate (GST_RATE)
setMerchantID (MERCHANT_ID)
setAdjustmentType (ADJUSTMENT_TYPE)
```

Output Parameters

When not executed as a rollback ASDL:

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

Rollback Parameters:

OLD_AMOUNT = - (AMOUNT)

OLD_ADJUSTMENT_REASON = ADJUSTMENT_REASON+" (rolled back)"

When executed as a rollback ASDL:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MAKE_TOPUP

Makes Top-Up the value to the main balance of a given account.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.topup.make.generated.MakeTopupProxy.execute`

Table 58: A_ALA-8618IN_WSTR2_MAKE_TOPUP

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of is 20		S	R
ACCOUNT_ID	Account ID of the current account.	Maximum of is 40		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of is 24. Digits only		S	R
TOPUP_TYPE	Indicates if topup type is voucher, credit card, debit card or free.	Maximum of is 20		S	R
TOPUP_CHANNEL	Indicates whether the payment channel type is via IVR, FOH, USSD, SMS or OLB.	Maximum of is 20		S	R
TOPUP_DATE	Date of the topup.	Maximum of is 10. Format is: DD/MM/YYYY		S	O
AMOUNT	Value of topup.	Value in cents. Integer value		S	O
TOPUP_PROFILE_ID	Used to identify the rule for TopUp.	Maximum of is 20		S	O
VOUCHER_PIN	The PIN of voucher used.	Maximum of is 32		S	O
TOPUP_ACTIVE_PERIOD	Indicates the top-up duration in days for activity period.	Integer value. Max value $2^{15}-1$		S	O

Table 58: A_ALA-8618IN_WSTR2_MAKE_TOPUP

Parameter Name	Description	Range	Default Value	Type	Class
TOPUP_INACTIVE_PERIOD	Indicates the top-up duration in days for inactivity period.	Integer value. Max value $2^{15}-1$		S	O
RECEIPT_ID	Stores the receipt number provided by bill pay.	Maximum of is 32		S	O
BATCH_ID	This field is used to store the batch identifier.	Maximum of is 10		S	O
USER_ID	This field is the identifier of the current user.	Maximum of is 20		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of is 20		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of is 32		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of is 20		S	O
OLD_AMOUNT	Value of topup.	Value in cents. Integer value		S	O

MML Commands

```
WSTupMakeTopupResponse WSTupMakeTopup(WSTupMakeTopupRequest req)
```

The top-up shall be the delta applied to the current balance

Set Methods:

```
setAccountID (ACCOUNT_ID)
```

```
setAmount (AMOUNT)
```

```
setBatchID (BATCH_ID)
```

```
setMsisdn (MSISDN)
```

```
setGroupID(GROUP_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setTopupActivePeriod(TOPUP_ACTIVE_PERIOD)
setTopupChannel(TOPUP_CHANNEL)
setTopupDate(TOPUP_DATE)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
setReceiptID(RECEIPT_ID)
setTopupInactivePeriod(TOPUP_INACTIVE_PERIOD)
setTopupProfileID(TOPUP_PROFILE_ID)
setTopupType(TOPUP_TYPE)
setVoucherPin(VOUCHER_PIN)
```

If running as a rollback actions, the set methods will be:

```
-----
setAccountID(ACCOUNT_ID)
setAmount(OLD_AMOUNT)
setBatchID(BATCH_ID)
setMsisdn(MSISDN)
setGroupID(GROUP_ID)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setTopupActivePeriod(TOPUP_ACTIVE_PERIOD)
setTopupChannel(TOPUP_CHANNEL)
setTopupDate(TOPUP_DATE)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
setReceiptID(RECEIPT_ID)
setTopupInactivePeriod(TOPUP_INACTIVE_PERIOD)
setTopupProfileID(TOPUP_PROFILE_ID)
setTopupType(TOPUP_TYPE)
setVoucherPin(VOUCHER_PIN)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_ACCOUNT_BALANCE

<ASDL_NAME>_END_ACT_BEGIN_INACT_DATE_TIME

<ASDL_NAME>_END_INACTIVITY_DATE_TIME

<ASDL_NAME>_AMOUNT_TOP_UP

<ASDL_NAME>_TRANSACTION_ID

Rollback Params:

OLD_AMOUNT = - AMOUNT

If executed as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_ACCOUNT_BALANCE

ROLLBACK_<ASDL_NAME>_END_ACT_BEGIN_INACT_DATE_TIME

ROLLBACK_<ASDL_NAME>_END_INACTIVITY_DATE_TIME

ROLLBACK_<ASDL_NAME>_AMOUNT_TOP_UP

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Create a customer closed user group.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer.manage.generated.ManageCustomerProxy.execute

Table 59: A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
CLOSED_USER_GROUP	Closed user group of the current customer.	Maximum of 30		S	R
MCLI	The NE identifier.			S	R
OLD_CLOSED_USER_GROUP	Previous closed user group of the current customer.	Maximum of 30		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 59: A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerCUGResponse modifyCustomerCUG (ModifyCustomerCUGRequest req)
```

Set Methods:

```
setCustomerCompositeID (CustomerCompositeID ccid)
```

```
setClosedUserGroup (CLOSED_USER_GROUP)
```

```
setServiceProviderID (SERVICE_PROVIDER_ID)
```

```
setSystemID (SYSTEM_ID)
```

```
setGroupID (GROUP_ID)
```

```
setUserID (USER_ID)
```

```
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerCompositeID (CustomerCompositeID ccid)
```

```
setClosedUserGroup (OLD_CLOSED_USER_GROUP)
```

```
setServiceProviderID (SERVICE_PROVIDER_ID)
```

```
setSystemID (SYSTEM_ID)
```

```
setGroupID (GROUP_ID)
```

```
setUserID (USER_ID)
```

```
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code + ": " + Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0

Manages customer CUG.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.wstr2.customer_cug_2_0.manage.generated.
ManageCustomer_cug_2_0_Proxy.execute**

Table 60: A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CLOSED_USER_GROUP	Closed User Group of the current Customer.	Max Length 30		S	O
MCLI				S	R
OLD_CLOSED_USER_GROUP	Previous closed User Group of the current Customer.	Max Length 30		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O

MML Commands

WSCusManageCUGResponse WSCusManageCUG (WSCusManageCUGRequest req)

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setClosedUserGroup (CLOSED_USER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerID (CUSTOMER_ID)
setClosedUserGroup (OLD_CLOSED_USER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Manages Low Credit Warning for a given account.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.low_credit_notice.manage.generated.
ManageLowCreditNoticeProxy.execute**

Table 61: A_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
ACCOUNT_ID	The account ID for the current account.	Maximum of 40 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	R
LOW_CREDIT_THRESHOLD_WARN	Indicates the value for the low credit threshold.	Values in cents. Integer value		S	O
LOW_CREDIT_WARNING_ACT	Indicates if the low credit threshold warning is enabled/ disabled.	0 or 1		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	The system identifier.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O

Table 61: A_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Parameter Name	Description	Range	Default Value	Type	Class
OLD_LOW_CREDIT_THRESHOLD_WARN	Indicates the value for the low credit threshold (used for rollback).	Values in cents. Integer value		S	O
OLD_LOW_CREDIT_WARNING_ACT	Indicates if the low credit threshold warning is enabled/disabled (used for rollback).	0 or 1		S	O

MML Commands

```
WSAccManageLowCreditNoticeResponse
WSAccManageLowCreditNotice (WSAccManageLowCreditNoticeRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setLowCreditThresholdWarning (LOW_CREDIT_THRESHOLD_WARN)
setLowCreditWarningActivation (LOW_CREDIT_WARNING_ACT)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setAccountID (ACCOUNT_ID)
setLowCreditThresholdWarning (OLD_LOW_CREDIT_THRESHOLD_WARN)
setLowCreditWarningActivation (OLD_LOW_CREDIT_WARNING_ACT)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
```

```

setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If running as a rollback actions, the parameters will be:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Manages payment trigger based on low credit.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.pay_trigger_lct.manage.generated.ManagePayTriggerLCTProxy.execute

Table 62: A_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
ACCOUNT_ID	The account id for the current account.	Maximum of 40 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	R

Table 62: A_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Parameter Name	Description	Range	Default Value	Type	Class
LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD	Indicates the value of the low credit payment trigger threshold.	Value in cents. Integer value		S	O
LOW_CREDIT_PAYMENT_TRIGGER_FLAG	Indicates whether the low credit payment trigger is enabled.	0 or 1		S	O
TOPUP_AMOUNT	Indicates the low credit payment top up amount.	Value in cents. Integer only		S	O
USER_ID	The user identifier.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
SYSTEM_ID	The system identifier.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
OLD_LOW_CREDIT_PAYMENT_TRIGGER_THRESHOLD	Indicates the value of the low credit payment trigger threshold (used for rollback).	Value in cents. Integer value		S	O
OLD_LOW_CREDIT_PAYMENT_TRIGGER_FLAG	Indicates whether the low credit payment trigger is enabled (used for rollback).	0 or 1		S	O
OLD_TOPUP_AMOUNT	Indicates the low credit payment top up amount (used for rollback).	Value in cents. Integer value		S	O

MML Commands

WSAccManagePayTriggerLCTResponse
 WSAccManagePayTriggerLCT (WSAccManagePayTriggerLCTRequest req)

Set Methods:

```
-----
setAccountID (ACCOUNT_ID)
setGroupID (GROUP_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setLowCreditPaymentTriggerFlag (LOW_CREDIT_PAYMENT_TRI_FLAG)
setLowCrePaymentTriThreshold (LOW_CREDIT_PAYMENT_TRI_THRESHOLD)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setTopupAmount (TOPUP_AMOUNT)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
-----
setAccountID (ACCOUNT_ID)
setGroupID (GROUP_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setLowCreditPaymentTriggerFlag (OLD_LOW_CREDIT_PAYMENT_TRI_FLAG)
setLowCrePaymentTriThreshold (OLD_LOW_CREDIT_PAYMENT_TRI_THRESHOLD)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setTopupAmount (OLD_TOPUP_AMOUNT)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If running as a rollback actions, the parameters will be:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Manages the price plan for a given account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.price_plan.manage.generated.ManagePricePlanProxy.execute

Table 63: A_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of 20 characters.		S	R
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	R
PRICE_PLAN_ID	Reference to the price plan identifier.	0 or 1 or 2 or 3		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O

Table 63: A_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
OLD_PRICE_PLAN_ID	Reference to the price plan identifier (used for rollback).	0 or 1 or 2 or 3		S	O

MML Commands

```
WSAccManagePricePlanResponse
WSAccManagePricePlan (WSAccManagePricePlanRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setPricePlanID (PRICE_PLAN_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setPricePlanID (OLD_PRICE_PLAN_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If running as a rollback actions, the parameters will be:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Modifies properties for an existing account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.modify.generated.ModifyAccountProxy.execute

Table 64: A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters.		S	O

Table 64: A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_TYPE	This field determines if the account is prepaid or postpaid. The default value will be inherited from the Account Profile if the account type is not provided.	Maximum of 30		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system ID.	Maximum of 20 characters.		S	R

MML Commands

```
WSAccModifyAccountResponse WSAccModifyAccount (WSAccModifyAccountRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setAccountProfile (ACCOUNT_PROFILE)
setAccountType (ACCOUNT_TYPE)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT-RB

Modifies properties for an existing account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_rb.modify.generated.ModifyAccountRBProxy.execute

Table 65: A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
OLD_ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters.		S	O
OLD_ACCOUNT_TYPE	This field determines if the account is prepaid or postpaid. The default value will be inherited from the Account Profile if the account type is not provided.	Maximum of 30		S	O

Table 65: A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system ID.	Maximum of 20 characters.		S	R

MML Commands

```
WSAccModifyAccountResponse WSAccModifyAccount (WSAccModifyAccountRequest req)
(rollback from previous modify)
```

Set Methods:

```
setAccountID(OLD_ACCOUNT_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setAccountProfile(OLD_ACCOUNT_PROFILE)
setAccountType(OLD_ACCOUNT_TYPE)
setSystemID(OLD_SYSTEM_ID)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

A_ALA-8618IN_WSTR2_MODIFY_BUCKET

Modify a Bucket of an Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.bucket.modify.generated.ModifyBucketProxy.execute

Table 66: A_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_ID	BucketID to identify a Bucket.			S	O

Table 66: A_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
BUCKET_START_DATE	The start date and time of the bucket.	This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_END_DATE	The end date and time of the validity of the bucket.	The client can use this field to provide a new value of the end date and time of the bucket. This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_ADJUST_VALUE	This field can use to provide an adjustment amount.	+100==>will add 100 units to the bucket.-90==>will deduct 90 units from the bucket. The bucket value however can not go negative.10==>will set the value of the bucket to 10 units.		S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
ADJUSTMENT_TYPE	This field can use to provide an Adjustment Type.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 66: A_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

ModifyBucketResponse ModifyBucketRequest (ModifyBucketRequest req)

Set Methods:

```

setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setAccountID (ACCOUNT_ID)
setBundleLabel (BUNDLE_LABEL)
setBucketID (BUCKET_ID)
setBucketEndDate (BUCKET_START_DATE)
setBucketStartDate (BUCKET_END_DATE)
setBucketAdjustValue (BUCKET_ADJUST_VALUE)
setAdjustmentReason (ADJUSTMENT_REASON)
setAdjustmentType (ADJUSTMENT_TYPE)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_COUNTER

Modify a Counter of a Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.counter.modify.generated.ModifyCounterProxy.execute

Table 67: A_ALA-8618IN_WSTR2_MODIFY_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R

Table 67: A_ALA-8618IN_WSTR2_MODIFY_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
COUNTER_ATTR1	The client can use this field provide an initial value for CounterAttr1.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR2	The client can use this field provide an initial value for CounterAttr2.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR3	The client can use this field provide an initial value for CounterAttr3.	This is Datetime field. Max Length 19. Format: DD/MM/YYYY HH:MM:SS.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

ModifyCounterResponse ModifyCounterRequest (ModifyCounterRequest req)

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setAccountID (ACCOUNT_ID)
setCounterAttr1 (COUNTER_ATTR1)
setCounterAttr2 (COUNTER_ATTR2)
setCounterAttr3 (COUNTER_ATTR3)
setCounterLabel (COUNTER_LABEL)
setCustomerCompositeID (CustomerCompositeID ccid)
setGroupID (GROUP_ID)
setSystemID (SYSTEM_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Interface to modify the optional fields of Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub.modify.generated.ModifyCusSubProxy.execute

Table 68: A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
SUBSCRIPTION_TERMINATION_DATE	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
SUBSCRIPTION_STATE	New state of the Subscription.	Max Length 20		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R

Table 68: A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCusSubResponse ModifyCusSubRequest (ModifyCusSubRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setCommunityName (COMMUNITY_NAME)
setSubscriptionName (SUBSCRIPTION_NAME)
setSubscriptionState (SUBSCRIPTION_STATE)
setSubscriptionFeeFlag (SUBSCRIPTION_FEE_FLAG)
setSubscriptionTerminationDateTime (SUBSCRIPTION_TERMINATION_DATETIME)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB-RB

Interface to modify the optional fields of Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub_rb.modify.generated.ModifyCusSubRBProxy.execute

Table 69: A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
OLD_SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
OLD_COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
OLD_SUBSCRIPTION_TERMINATION_DATE_TIME	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
OLD_SUBSCRIPTION_STATE	New state of the Subscription.	Max Length 20		S	O

Table 69: A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
OLD_CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
OLD_CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCusSubResponse ModifyCusSubRequest (ModifyCusSubRequest req)
```

Set Methods:

```
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
```

```
setCustomerCompositeID(CustomerCompositeID ccid)
```

```

setCommunityName (OLD_COMMUNITY_NAME)
setSubscriptionName (OLD_SUBSCRIPTION_NAME)
setSubscriptionState (OLD_SUBSCRIPTION_STATE)
setSubscriptionFeeFlag (OLD_SUBSCRIPTION_FEE_FLAG)
setSubscriptionTerminationDateTime (OLD_SUBSCRIPTION_TERMINATION_DATETIME)
setTransactionID (OLD_TRANSACTION_ID)
setSystemID (OLD_SYSTEM_ID)
setUserID (OLD_USER_ID)
setGroupID (OLD_GROUP_ID)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Modifies the customer details.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer.modify.generated.ModifyCustomerProxy.execute

Table 70: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O

Table 70: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
MSID	This field identifies the mobile set ID of the current customer.	Maximum of 24. Numeric only.		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30		S	O
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	O
ADDRESS	Address of the customer.	Maximum of 150		S	O
BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Maximum of 10 characters		S	O
POST_CODE	String for the postal code.	Min and Maximum of 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1		S	O
LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O
USER_ID	Identifier for the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 70: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
FNF_LIST	This field indicates the Friends and Family List to which the current Identifier belongs.	Maximum of 20 characters.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerResponse modifyCustomer (ModifyCustomerRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setCommercialOffer (COMMERCIAL_OFFER)
setCustomerStatus (CUSTOMER_STATUS)
setAddress (ADDRESS)
setGLCode (GL_CODE)
```



```

setBirthday(BIRTHDAY)
setITCustomerID(IT_CUSTOMER_ID)
setLanguage(LANGUAGE)
setMsid(MSID)
setPostCode(POST_CODE)
setCustomerOptInOptOutFlag(OPTIN_OPTOUT)
setFNFList(FNF_LIST)
setCustomerCompositeID(CustomerCompositeID ccid)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Modifies the customer details - Rollback.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_rb_2_0.modify.generated.ModifyCustomer_rb_2_0Proxy.execute

Table 71: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
OLD_CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
OLD_MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O

Table 71: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
OLD_ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
OLD_MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O
OLD_MSID_TYPE	Mobile SetID type of the current customer account. -MIN (when misdType=0) - IMSI (when misdType=1)	Max Length 1. Valid values are 0 or 1 or 2		S	O
OLD_COMMERCIAL_OFFER	Reference to the commercial offer of the current customer	Max Length 30		S	O
OLD_CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20		S	O
OLD_ADDRESS	Address of the customer	Max Length 150		S	O
OLD_BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
OLD_GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
OLD_POST_CODE	String for the postal code	Min and Max Length 4. Digits only		S	O

Table 71: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_OPTIN_OPTOUT	Flag indicating optin or optout for marketing	Max Length 1. Valid values 0 or 1		S	O
OLD_LANGUAGE	Indicates the language choice	Max Length 20		S	O
OLD_USER_ID	Identifier for the current user	Max Length 20		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
OLD_FNF_LIST	This field indicates the Friends and Family List to which the current Identifier belongs.	Max Length 20		S	O
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account			S	R
CUSTOMER_ID	String identifier of a customer			S	O
MSISDN	The id of MSISDN of the current customer			S	O
IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)			S	O

Table 71: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account			S	O
MSID	This field identifies the Mobile SetID of the current customer			S	O
MSID_TYPE	Mobile SetID type of the current customer account. It can be: - MIN (when misdType=0) - IMSI (when misdType=1)			S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer			S	O
CUSTOMER_STATUS	Administrative status of the current customer			S	O
ADDRESS	Address of the customer			S	O
BIRTHDAY	Birthday of the customer			S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.			S	O
POST_CODE	String for the postal code			S	O
OPTIN_OPTOUT	Flag indicating optin or optout for marketing			S	O
LANGUAGE	Indicates the language choice			S	O

Table 71: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	Identifier for the current user			S	R
GROUP_ID	This field is used to restrict data access specific to its own group			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.			S	O
SYSTEM_ID	This field is the identifier of the system user			S	R
FNF_LIST	This field indicates the Friends and Family List to which the current Identifier belongs.			S	O

MML Commands

```
WSCusModifyCustomerResponse WSCusModifyCustomer (WSCusModifyCustomerRequest req)
```

Set Methods:

```
setAccountID(OLD_ACCOUNT_ID)
```

```
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
```

```
setMsisdn(OLD_MSISDN)
```

```
setSystemID(OLD_SYSTEM_ID)
```

```
setGroupID(OLD_GROUP_ID)
```

```
setUserID(OLD_USER_ID)
```

```
setTransactionID(OLD_TRANSACTION_ID)
```

```
setCommercialOffer(OLD_COMMERCIAL_OFFER)
```

```
setCustomerID(OLD_CUSTOMER_ID)
```

```
setCustomerStatus(OLD_CUSTOMER_STATUS)
```

```

setAddress (OLD_ADDRESS)
setGlCode (OLD_GL_CODE)
setBirthday (OLD_BIRTHDAY)
setITCustomerID (OLD_IT_CUSTOMER_ID)
setLanguage (OLD_LANGUAGE)
setMsid (OLD_MSID)
setMsidType (OLD_MSID_TYPE)
setPostCode (OLD_POST_CODE)
setOptInOptOut (OLD_OPTIN_OPTOUT)
setFnfList (OLD_FNF_LIST)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

Modifies the account for the customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account.modify.generated.

ModifyCustomerAccountProxy.execute

Table 72: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R

Table 72: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	This field is a character string identifier of the current customer.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusAccModifyCusAccResponse
WSCusAccModifyCusAcc (WSCusAccModifyCusAccRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setCustomerAccountName (CUSTOMER_ACCOUNT_NAME)
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
```

```
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT-RB

Rollback feature for the Modify Customer Account service.

It is implemented by the Java method:

```
com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account_rb.modify.generate
d.ModifyCustomerAccountRBProxy.execute
```

Table 73: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
OLD_CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
OLD_COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 73: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_SERVICE_PROVIDER_ID	This field is a character string identifier of the current customer.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusAccModifyCusAccResponse
WSCusAccModifyCusAcc (WSCusAccModifyCusAccRequest req)
```

Set Methods:

```
-----
setAccountID(OLD_ACCOUNT_ID)
setCustomerAccountName(OLD_CUSTOMER_ACCOUNT_NAME)
setCustomerID(OLD_CUSTOMER_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setCommunity(OLD_COMMUNITY)
setSystemID(OLD_SYSTEM_ID)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Modifies the customer details.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_2_0.modify.generated.ModifyCustomer_2_0Proxy.execute

Table 74: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O

Table 74: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MSID_TYPE	Mobile SetID type of the curent customer account. It can be: - MIN (when misdType=0) - IMSI(when misdType=1)	Max Length 1. Valid values are 0 or 1 or 2		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the curent customer	Max Length 30		S	O
CUSTOMER_STATUS	Administrative status of the curent customer	Max Length 20		S	O
ADDRESS	Address of the customer	Max Length 150		S	O
BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
POST_CODE	String for the postal code	Min and Max Length 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating optin or optout for marketing	Max Length 1. Either 0 or 1		S	O
LANGUAGE	Indicates the language choice	Max Length 20		S	O
USER_ID	Identifier for the current user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O

Table 74: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
FNF_LIST	This field indicates the Friends and Family List to which the current Identifier belongs.	Max Length 20		S	O

MML Commands

```
WSCusModifyCustomerResponse WSCusModifyCustomer (WSCusModifyCustomerRequest req)
```

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setMsisdn (MSISDN)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setCommercialOffer (COMMERCIAL_OFFER)
setCustomerID (CUSTOMER_ID)
setCustomerStatus (CUSTOMER_STATUS)
setAddress (ADDRESS)
setGlCode (GL_CODE)
setBirthday (BIRTHDAY)
setITCustomerID (IT_CUSTOMER_ID)
setLanguage (LANGUAGE)
setMsid (MSID)
```

```

setMsidType (MSID_TYPE)
setPostCode (POST_CODE)
setOptInOptOut (OPTIN_OPTOUT)
setFnfList (FNF_LIST)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB

Modifies the customer details - Rollback.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_rb.modify.generated.ModifyCustomerRBProxy.execute

Table 75: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
OLD_IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O

Table 75: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_MSID	This field identifies the mobile set ID of the current customer.	Maximum of 24. Numeric only.		S	O
OLD_MSID_TYPE	Mobile Set ID type of the current customer account.	<ul style="list-style-type: none"> ◆ MIN (when misdType=0) ◆ IMSI (when misdType=1) ◆ External (when misdType =2) 		S	O
OLD_COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30		S	O
OLD_CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	O
OLD_ADDRESS	Address of the customer.	Maximum of 150		S	O
OLD_BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
OLD_GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Maximum of 10 characters		S	O
OLD_POST_CODE	String for the postal code.	Min and Maximum of 4. Digits only		S	O
OLD_OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1		S	O
OLD_LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O
OLD_USER_ID	Identifier for the current user.	Maximum of 20 characters.		S	R

Table 75: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_FNF_LIST	This field indicates the friends and family list to which the current identifier belongs.	Maximum of 20 characters.		S	O
OLD_CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
OLD_CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerResponse modifyCustomer (ModifyCustomerRequest req)
```

Set Methods:

```
setAccountID(OLD_ACCOUNT_ID)
```

```
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
```

```
setMSISDN(OLD_MSISDN)
```

```
setSystemID(OLD_SYSTEM_ID)
```

```
setGroupID(OLD_GROUP_ID)
```

```
setUserID(OLD_USER_ID)
```

```
setTransactionID(OLD_TRANSACTION_ID)
setCommercialOffer(OLD_COMMERCIAL_OFFER)
setCustomerCompositeID(CustomerCompositeID ccid)
setCustomerStatus(OLD_CUSTOMER_STATUS)
setAddress(OLD_ADDRESS)
setGLCode(OLD_GL_CODE)
setBirthday(OLD_BIRTHDAY)
setITCustomerID(OLD_IT_CUSTOMER_ID)
setLanguage(OLD_LANGUAGE)
setMsid(OLD_MSID)
setMsidType(OLD_MSID_TYPE)
setPostCode(OLD_POST_CODE)
setCustomerOptInOptOutFlag(OLD_OPTIN_OPTOUT)
setFNFList(OLD_FNF_LIST)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Interface to modify BAID of a Customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_baid.modify.generated.ModifyCustomerBAIDProxy.execute

Table 76: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
BAID	Identifier of the Billing Account ID.	This field is a character string.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 76: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerBAIDResponse
ModifyCustomerBAIDRequest (ModifyCustomerBAIDRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setBAID (BAID)
setUserID (USER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Modifies a customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription.modify.generated.ModifyCustomerSubscriptionProxy.execute

Table 77: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
TERMINATION_DATE	Indicates the expiry date of this subscription.	Maximum of 10 characters. Format is: DD/MM/YYYY		S	O
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 77: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusSubModifyCusSubResponse
WSCusSubModifyCusSub (WSCusSubModifyCusSubRequest req)
```

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setServiceOfferGroup (SERVICE_OFFER_GROUP)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSubscriptionFeeFlag (SUBSCRIPTION_FEE_FLAG)
setTerminationDate (TERMINATION_DATE)
setState (STATE)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION-RB

Rollback for modify customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription_rb.modify.generated.ModifyCustomerSubscriptionRBProxy.execute

Table 78: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
OLD_CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
OLD_MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
OLD_SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
OLD_TERMINATION_DATE	Indicates the expiry date of this subscription.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
OLD_COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
OLD_STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O
OLD_SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1		S	O

Table 78: A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusSubModifyCusSubResponse
WSCusSubModifyCusSub (WSCusSubModifyCusSubRequest req)
```

Set Methods:

```
setCustomerID(OLD_CUSTOMER_ID)
setServiceOfferGroup(OLD_SERVICE_OFFER_GROUP)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setSubscriptionFeeFlag(OLD_SUBSCRIPTION_FEE_FLAG)
setTerminationDate(OLD_TERMINATION_DATE)
setState(OLD_STATE)
setCommunity(OLD_COMMUNITY)
setSystemID(OLD_SYSTEM_ID)
setMsisdn(OLD_MSISDN)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Modifies the attributes of a SpendLimit associated with the Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit.modify.generated.ModifySpendLimitProxy.execute

Table 79: A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R

Table 79: A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O
SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	O
SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.	Max Length is 19. Format is: yyyy/MM/dd HH:MM:SS.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R
RETURN_DATA_PREFER	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

MML Commands

ModifySpendLimitResponse ModifySpendLimitRequest (ModifySpendLimitRequest req)

Set Methods:

```
setServiceProviderID(SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccid)
setAccountID(ACCOUNT_ID)
setSpendLimitName (SPEND_LIMIT_NAME)
setSpendLimitUsageCount (SPEND_LIMIT_USAGE_COUNT)
setSpendLimitThreshold (SPEND_LIMIT_THRESHOLD)
setSpendLimitNextCycleStartDate (SPEND_LIMIT_NEXT_CYCLE_START_DATE)
setTransactionID(TRANSACTION_ID)
setSystemID(SYSTEM_ID)
setUserID(USER_ID)
setGroupID(GROUP_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT-RB

Display the data associated with a given SpendLimit currently associated with the customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.spend_limit_rb.modify.generated.ModifySpendLimitRBProxy.execute

Table 80: A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
OLD_SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
OLD_SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O
OLD_SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	O

Table 80: A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.	Max Length is 19. Format is: yyyy/MM/dd HH:MM:SS.		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
OLD_CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
OLD_CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifySpendLimitResponse ModifySpendLimitRequest (ModifySpendLimitRequest req)
```

Set Methods:

```
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setCustomerCompositeID(CustomerCompositeID ccid)
setAccountID(OLD_ACCOUNT_ID)
```

```

setSpendLimitName(OLD_SPEND_LIMIT_NAME)
setSpendLimitUsageCount(OLD_SPEND_LIMIT_USAGE_COUNT)
setSpendLimitThreshold(OLD_SPEND_LIMIT_THRESHOLD)
setSpendLimitNextCycleStartDate(OLD_SPEND_LIMIT_NEXT_CYCLE_START_DATE)
setTransactionID(OLD_TRANSACTION_ID)
setSystemID(OLD_SYSTEM_ID)
setUserID(OLD_USER_ID)
setGroupID(OLD_GROUP_ID)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Removes an existing account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account.remove.generated.RemoveAccountProxy.execute

Table 81: A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 81: A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

WSAccRemoveAccountResponse WSAccRemoveAccount (WSAccRemoveAccountRequest req)

Set Methods:

```
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If executed as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT-RB

Creates a new account (rollback of remove).

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.account_rb.remove.generated.RemoveAccountRBProxy.execute

Table 82: A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
OLD_ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters.		S	R
OLD_ACCOUNT_TYPE	This field determines if the account is prepaid or postpaid. The default value will be inherited from the Account Profile if the account type is not provided.	Maximum of 30		S	O

Table 82: A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_PRICE_PLAN_ID	Price Plan change based on update of ARENA field in Account object holding 4 values: <ul style="list-style-type: none"> ◆ Value =0: on rate, ◆ Value =1: off rate, ◆ Value = 2: special1, ◆ Value =3: special2. The default value will be set to 0 if pricePlanID is not provided.	0 or 1 or 2 or 3		S	O
OLD_BEGIN_ACTIVITY_DATE_TIME	Indicates the begin activity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
OLD_END_ACT_BEGIN_INACT_DATE_TIME	This is the end of activity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
OLD_END_INACTIVITY_DATE_TIME	This is the end of the inactivity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
OLD_BEGIN_VALIDITY_DATE_TIME	This field indicates the begin validity date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O
OLD_END_VALIDITY_DATE_TIME	Indicates the Validity expiry date and time of the account.	Maximum of 19. Format of field will be "DD/MM/YYYY HH:MM:SS"		S	O

Table 82: A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_ACCOUNT_STATUS	Status of account.	Maximum of 20 characters. characters (one of "Created", "Valid", "Active", "Inactive", "DeActivated")		S	O
OLD_MAIN_BALANCE	This field is the main balance of the current customer account and it is used to create with initial credit.	Value in cents. Digits only		S	O
OLD_SPEND_LIMIT	Indicates the allowable spend limit for a given account. The default value will be set to 0 if spendLimit is not provided, which means NO spending limit.	Value in cents. Digits only		S	O
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_FIRST_EVENT_FLAG	This field indicates whether or not the first event has been done.	<ul style="list-style-type: none"> ◆ 1 = First event done, ◆ 0 = First event not done 		S	O

MML Commands

WSAccCreateAccountResponse WSAccCreateAccount (WSAccCreateAccountRequest req)
(rollback from remove)

Set Methods:

```

setAccountID(OLD_ACCOUNT_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setSystemID(OLD_SYSTEM_ID)
setAccountType(OLD_ACCOUNT_TYPE)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
setBlockedFlag(OLD_BLOCKED_FLAG)
setBeginValidityDateTime(OLD_BEGIN_VALIDITY_DATE_TIME)
setAccountProfile(OLD_ACCOUNT_PROFILE)
setBeginActivityDateTime(OLD_BEGIN_ACTIVITY_DATE_TIME)
setEndValidityDateTime(OLD_END_VALIDITY_DATE_TIME)
setSpendLimit(OLD_SPEND_LIMIT)
setPricePlanID(OLD_PRICE_PLAN_ID)
setEndActBeginInactDateTime(OLD_END_ACT_BEGIN_INACT_DATE_TIME)
setAccountStatus(OLD_ACCOUNT_STATUS)
setEndInactivityDateTime(OLD_END_INACTIVITY_DATE_TIME)
setFirstEventFlag(OLD_FIRST_EVENT_FLAG)
setMainBalance(OLD_MAIN_BALANCE)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_BUCKET

Remove a Bucket of an Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.bucket.remove.generated.RemoveBucketProxy.execute

Table 83: A_ALA-8618IN_WSTR2_REMOVE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_ID	BucketID to identify a Bucket.			S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O

Table 83: A_ALA-8618IN_WSTR2_REMOVE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

RemoveBucketResponse RemoveBucketRequest (RemoveBucketRequest req)

Set Methods:

```

setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setAccountID (ACCOUNT_ID)
setBundleLabel (BUNDLE_LABEL)
setBucketID (BUCKET_ID)
setAdjustmentReason (ADJUSTMENT_REASON)
setTransactionID (TRANSACTION_ID)
setSystemID (SYSTEM_ID)
setUserID (USER_ID)
setGroupID (GROUP_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_COUNTER

Remove a Counter of an Apollo IN Customer Account.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.counter.remove.generated.RemoveCounterProxy.execute

Table 84: A_ALA-8618IN_WSTR2_REMOVE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R

Table 84: A_ALA-8618IN_WSTR2_REMOVE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
RemoveCounterResponse RemoveCounterRequest (RemoveCounterRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
```

```
setAccountID (ACCOUNT_ID)
```

```
setCounterLabel (COUNTER_LABEL)
```

```
setCustomerCompositeID (CustomerCompositeID ccid)
```

```
setGroupID (GROUP_ID)
```

```
setSystemID (SYSTEM_ID)
```

```
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Interface to remove Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub.remove.generated.RemoveCusSubProxy.execute

Table 85: A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R

Table 85: A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

RemoveCusSubResponse RemoveCusSubRequest(RemoveCusSubRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setSubscriptionName(SUBSCRIPTION_NAME)

setCommunityName(COMMUNITY_NAME)

setTransactionID(TRANSACTION_ID)

setSystemID(SYSTEM_ID)

setUserID(USER_ID)

setGroupID(GROUP_ID)

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB-RB

Interface to remove Apollo IN Customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.cus_sub_rb.remove.generated.RemoveCusSubRBProxy.execute

Table 86: A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
OLD_SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
OLD_COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
OLD_SUBSCRIPTION_TERMINATION_DATETIME	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
OLD_SUBSCRIPTION_CREATE_STATE	Reference to the state of the subscription.	Max Length 20		S	O

Table 86: A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O
OLD_TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
OLD_CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
OLD_CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

CreateCusSubResponse CreateCusSubRequest(CreateCusSubRequest req)

Set Methods:

setServiceProviderID(OLD_SERVICE_PROVIDER_ID)

```

setCustomerCompositeID(CustomerCompositeID ccid)
setCommunityName(OLD_COMMUNITY_NAME)
setSubscriptionName(OLD_SUBSCRIPTION_NAME)
setSubscriptionCreationState(OLD_SUBSCRIPTION_CREATE_STATE)
setSubscriptionFeeFlag(OLD_SUBSCRIPTION_FEE_FLAG)
setSubscriptionTerminationDateTime(OLD_SUBSCRIPTION_TERMINATION_DATETIME)
setTransactionID(OLD_TRANSACTION_ID)
setSystemID(OLD_SYSTEM_ID)
setUserID(OLD_USER_ID)

```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

Remove a customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer.remove.generated.RemoveCustomerProxy.execute

Table 87: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
USER_ID	Identifier for the current user.	Maximum of 20 characters.		S	R

Table 87: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
RemoveCustomerResponse removeCustomer (RemoveCustomerRequest req)
```

Set Methods:

```
setCustomerCompositeID (CustomerCompositeID ccid)
```

```
setServiceProviderID (SERVICE_PROVIDER_ID)
```

```
setSystemID (SYSTEM_ID)
```

```
setGroupID (GROUP_ID)
```

```
setUserID (USER_ID)
```

```
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If used as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0

Remove a customer.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.wstr2.customer_2_0.remove.generated.RemoveCustomer_2_0_Proxy.execute

Table 88: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer	Max Length 20		S	R
USER_ID	Identifier for the current user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32		S	O

Table 88: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O

MML Commands

WSCusRemoveCustomerResponse WSCusRemoveCustomer (WSCusRemoveCustomerRequest req)

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If used as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Removes link of the account from a customer.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account.remove.generated.
RemoveCustomerAccountProxy.execute**

Table 89: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
CUSTOMER_ACCOUNT_NAME	The customer account name.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O

Table 89: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

MML Commands

```
WSCusAccRemoveCusAccResponse
WSCusAccRemoveCusAcc (WSCusAccRemoveCusAccRequest req)
```

Set Methods:

```
setCustomerAccountName (CUSTOMER_ACCOUNT_NAME)
setCustomerID (CUSTOMER_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setCommunity (COMMUNITY)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If being used as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT-RB

Creates a customer account (rollback for Remove Customer Account service).

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_account_rb.remove.generated.RemoveCustomerAccountRBProxy.execute

Table 90: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
OLD_CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
OLD_COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_SERVICE_PROVIDER_ID	This field is a character string identifier of the current customer.	Maximum of 20 characters.		S	R

MML Commands

WSCusAccCreateCusAccResponse
WSCusAccCreateCusAcc (WSCusAccCreateCusAccRequest req)

Set Methods:

setAccountID(OLD_ACCOUNT_ID)
setCustomerAccountName(OLD_CUSTOMER_ACCOUNT_NAME)
setCustomerID(OLD_CUSTOMER_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setCommunity(OLD_COMMUNITY)
setSystemID(OLD_SYSTEM_ID)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB

Creates a customer (rollback for remove customer).

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_rb.remove.generated.RemoveCustomerRBProxy.execute

Table 91: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O
OLD_ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
OLD_MSID	This field identifies the mobile set ID of the current customer.	Maximum of 24. Numeric only.		S	O
OLD_MSID_TYPE	Mobile Set ID type of the current customer account.	<ul style="list-style-type: none"> ◆ MIN (when misdType=0) ◆ IMSI (when misdType=1) ◆ External (when misdType =2) 		S	R
OLD_COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30		S	R
OLD_CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	R
OLD_ADDRESS	Address of the customer.	Maximum of 150		S	O

Table 91: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
OLD_GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Maximum of 10 characters		S	O
OLD_POST_CODE	String for the postal code.	Min and Maximum of 4. Digits only		S	O
OLD_OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1		S	O
OLD_LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	Transaction identifier.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
OLD_CUSTOMER_ID	String identifier of a customer	Max Length 60.		S	R

Table 91: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_MSISDN	The MSISDN ID of the current customer.	Max Length 24. Digits only.		S	O
OLD_BAID	Identifier of the Billing Account ID.	This field is a character string.		S	O

MML Commands

```
CreateCustomerResponse createCustomer(CreateCustomerRequest req)
```

Set Methods:

```
setAccountID(OLD_ACCOUNT_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setCustomerID(CUSTOME_ID)
setSystemID(OLD_SYSTEM_ID)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setMSISDN(OLD_MSISDN)
setTransactionID(OLD_TRANSACTION_ID)
setCommercialOffer(OLD_COMMERCIAL_OFFER)
setCustomerStatus(OLD_CUSTOMER_STATUS)
setAddress(OLD_ADDRESS)
setGlCode(OLD_GL_CODE)
setBirthday(OLD_BIRTHDAY)
setITCustomerID(OLD_IT_CUSTOMER_ID)
setLanguage(OLD_LANGUAGE)
setMsid(OLD_MSID)
setMsidType(OLD_MSID_TYPE)
setPostCode(OLD_POST_CODE)
setCustomerOptInOptOutFlag(OLD_OPTIN_OPTOUT)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB_2-0

Creates a customer (rollback for remove customer).

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.wstr2.customer_rb_2_0.remove.generated.RemoveCustomer_rb_2_0_Proxy.execute`

Table 92: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI				S	R
OLD_IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
OLD_ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
OLD_MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O
OLD_MSID_TYPE	Mobile SetID type of the current customer account. -MIN (when misdType=0) - IMSI (when misdType=1) - External (when misdType=2)	Max Length 1. Valid values are 0 or 1 or 2		S	O
OLD_COMMERCIAL_OFFER	Reference to the commercial offer of the current customer	Max Length 30		S	R

Table 92: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20		S	R
OLD_ADDRESS	Address of the customer	Max Length 150		S	O
OLD_BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
OLD_GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
OLD_POST_CODE	String for the postal code	Min and Max Length 4. Digits only		S	O
OLD_OPTIN_OPTOUT	Flag indicating optin or optout for marketing	Max Length 1. Valid values are 0 or 1		S	O
OLD_LANGUAGE	Indicates the language choice	Max Length 20		S	O
OLD_USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
OLD_GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
OLD_TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
OLD_SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R

Table 92: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-RB_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
OLD_CUSTOMER_ID	String identifier of a customer	Max Length 60		S	R
OLD_MSISDN	The MSISDN ID of the current customer	Max Length 24. Digits only		S	R

MML Commands

WSCusCreateCustomerResponse WSCusCreateCustomer (WSCusCreateCustomerRequest req)

Set Methods:

```

setAccountID(OLD_ACCOUNT_ID)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setMsisdn(OLD_MSISDN)
setSystemID(OLD_SYSTEM_ID)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
setCommercialOffer(OLD_COMMERCIAL_OFFER)
setCustomerID(OLD_CUSTOMER_ID)
setCustomerStatus(OLD_CUSTOMER_STATUS)
setAddress(OLD_ADDRESS)
setGlCode(OLD_GL_CODE)
setBirthday(OLD_BIRTHDAY)
setITCustomerID(OLD_IT_CUSTOMER_ID)
setLanguage(OLD_LANGUAGE)
setMsid(OLD_MSID)
setMsidType(OLD_MSID_TYPE)
setPostCode(OLD_POST_CODE)

```

```
setOptInOptOut (OLD_OPTIN_OPTOUT)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Interface to remove a Customer and all associated objects.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_and_data.remove.generated.RemoveCustomerAndDataProxy.execute

Table 93: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 93: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
RemoveCustomerAndDataResponse
RemoveCustomerAndDataRequest (RemoveCustomerAndDataRequest req)
```

Set Methods:

```
setServiceProviderID (SERVICE_PROVIDER_ID)
setCustomerCompositeID (CustomerCompositeID ccid)
setUserID (USER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST

Removes the FNF list associated with a Customer. Also removes all the associated FNF list members.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_fnflist.remove.generated.RemoveCustomerFNFListProxy.execute

Table 94: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

RemoveCustomerFNFListResponse

RemoveCustomerFNFListRequest(RemoveCustomerFNFListRequest req)

Set Methods:

setServiceProviderID(SERVICE_PROVIDER_ID)

setCustomerCompositeID(CustomerCompositeID ccid)

setUserID(USER_ID)

setSystemID(SYSTEM_ID)

setGroupID(GROUP_ID)

setTransactionID(TRANSACTION_ID)

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

Remove the customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription.remove.generated.RemoveCustomerSubscriptionProxy.execute

Table 95: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

WSCusSubRemoveCusSubResponse

WSCusSubRemoveCusSub (WSCusSubRemoveCusSubRequest req)

Set Methods:

```
-----  
setCustomerID(CUSTOMER_ID)  
setServiceOfferGroup(SERVICE_OFFER_GROUP)  
setServiceProviderID(SERVICE_PROVIDER_ID)  
setSystemID(SYSTEM_ID)  
setMsisdn(MSISDN)  
setGroupID(GROUP_ID)  
setUserID(USER_ID)  
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

When used as a rollback action:CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION-RB

Rollback for remove customer subscription.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_subscription_rb.remove.generated.RemoveCustomerSubscriptionRBProxy.execute

Table 96: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION-RB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
OLD_SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
OLD_CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
OLD_MSISDN	The MSISDN ID of the current customer.	Maximum of 24. Numeric only.		S	O
OLD_SERVICE_OFFER_GROUP	Reference to the Service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
OLD_TERMINATION_DATE	Indicates the expiry date of this subscription.	Max Length 19. Format: DD/MM/YYYY HH:MM:SS.		S	R
OLD_COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
OLD_STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O
OLD_SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1		S	O

Table 96: A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION-RB

Parameter Name	Description	Range	Default Value	Type	Class
OLD_GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
OLD_TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
OLD_SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
OLD_USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

MML Commands

WSCusSubCreateCusSubResponse
 WSCusSubCreateCusSub (WSCusSubCreateCusSubRequest req)

Set Methods:

```
setCustomerID(OLD_CUSTOMER_ID)
setServiceOfferGroup(OLD_SERVICE_OFFER_GROUP)
setServiceProviderID(OLD_SERVICE_PROVIDER_ID)
setSubscriptionFeeFlag(OLD_SUBSCRIPTION_FEE_FLAG)
setTerminationDate(OLD_TERMINATION_DATE)
setState(OLD_STATE)
setCommunity(OLD_COMMUNITY)
setSystemID(OLD_SYSTEM_ID)
setMsisdn(OLD_MSISDN)
setGroupID(OLD_GROUP_ID)
setUserID(OLD_USER_ID)
setTransactionID(OLD_TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

Removes the Friends and Family list.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_list.remove.generated.RemoveFriendsFamilyListProxy.execute

Table 97: A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R

MML Commands

WSFNFRemoveFNFListResponse WSFNFRemoveFNFList (WSFNFRemoveFNFListRequest req)

Set Methods:

```
setFnfList(FNF_LIST)
setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

If used as a rollback action:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

Removes a FNF member from a FNF list.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.friendsfamily_member.remove.generated.RemoveFriendsFamilyMemberProxy.execute

Table 98: A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 40 characters.		S	R
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R

MML Commands

WSFNFRemoveFNFMemberResponse

WSFNFRemoveFNFMember (WSFNFRemoveFNFMemberRequest req)

Set Methods:

setFnfList (FNF_LIST)

setFnfMemberID (FNF_MEMBER_ID)

```

setServiceProviderID(SERVICE_PROVIDER_ID)
setSystemID(SYSTEM_ID)
setGroupID(GROUP_ID)
setUserID(USER_ID)
setTransactionID(TRANSACTION_ID)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

When executed as a rollback ASDL:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

This request is used to set the "Scratch Card Reload Suspended" flag to suspend or not.

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.xwstr2.scratch_card_balance.set.generated.Se
tScratchCardBalanceProxy.execute**

Table 99: A_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

Table 99: A_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system ID.	Maximum of 20 characters.		S	R
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24. Numeric only.		S	O
SCRATCH_CARD_SUSPEND_FLAG	This field indicates whether or not the scratch card reload is suspended or blocked.	<ul style="list-style-type: none"> ◆ 1 = Reload is Suspended or blocked. ◆ 0 = Reload is not suspended or blocked 		S	R
OLD_SCRATCH_CARD_SUSPEND_FLAG	This field indicates whether or not the scratch card reload is suspended or blocked. (for rollback).	<ul style="list-style-type: none"> ◆ 1 = Reload is Suspended or blocked. ◆ 0 = Reload is not suspended or blocked 		S	O

MML Commands

WSAccSetScratchCardSuspendFlagResponse

WSAccSetScratchCardSuspendFlag (WSAccSetScratchCardSuspendFlagRequest req)

Set Methods:

```

-----
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setScratchCardSuspendFlag (SCRATCH_CARD_SUSPEND_FLAG)

```

If running as a rollback actions, the set methods will be:

```

-----
setAccountID (ACCOUNT_ID)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
setScratchCardSuspendFlag (OLD_SCRATCH_CARD_SUSPEND_FLAG)

```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

When executed as a rollback ASDL:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER-STATUS

Updates the customer status to facilitate Temporary Suspend.

It is implemented by the Java method:

com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_status.update.generated.UpdateCustomerStatusProxy.execute

Table 100: A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER-STATUS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	Transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
OLD_CUSTOMER_STATUS	Previous administrative status of the current customer (for rollback).	Maximum of 20 characters.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 100: A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER-STATUS

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

MML Commands

```
ModifyCustomerStatusResponse
modifyCustomerStatus (ModifyCustomerStatusRequest req)
```

Set Methods:

```
setCustomerStatus (CUSTOMER_STATUS)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setCustomerCompositeID (CustomerCompositeID ccID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerCompositeID (CustomerCompositeID ccID)
setCustomerStatus (OLD_CUSTOMER_STATUS)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

When executed as a rollback ASDL:

CSDL Parameters:

ROLLBACK_<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

ROLLBACK_<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

ROLLBACK_<ASDL_NAME>_TRANSACTION_ID

A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

Updates the customer status to facilitate Temporary Suspend for 2.0

It is implemented by the Java method:

**com.mslv.activation.cartridge.ala.x8618in.wstr2.customer_status_2_0.update.generated.
UpdateCustomer_status_2_0_Proxy.execute**

Table 101: A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R

Table 101: A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

Parameter Name	Description	Range	Default Value	Type	Class
OLD_CUSTOMER_STATUS	Previous administrative status of the current customer (for rollback)	Max Length 20		S	O
CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O

MML Commands

```
WSCusUpdateCustomerStatusResponse
WSCusUpdateCustomerStatus (WSCusUpdateCustomerStatusRequest req)
```

Set Methods:

```
setCustomerID (CUSTOMER_ID)
setCustomerStatus (CUSTOMER_STATUS)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

If running as a rollback actions, the set methods will be:

```
setCustomerID (CUSTOMER_ID)
setCustomerStatus (OLD_CUSTOMER_STATUS)
setServiceProviderID (SERVICE_PROVIDER_ID)
setSystemID (SYSTEM_ID)
setMsisdn (MSISDN)
setGroupID (GROUP_ID)
setUserID (USER_ID)
setTransactionID (TRANSACTION_ID)
```

Output Parameters

CSDL Parameters:

<ASDL_NAME>_UDET = User Defined Exit Type

Info Parameters:

<ASDL_NAME>_RETURN_INFO = Error code +": "+Error text

<ASDL_NAME>_TRANSACTION_ID

User exit types

User exit types allow cartridge developers and systems administrators to map ASDL exit codes to one of the predefined base exit types. Base exit types determine the product behavior. Cartridges map return codes and status values from a network element to a user defined exit type.

Regular expressions (regex) are used to perform pattern searches on responses from network elements. The pattern is stored in "tbl_user_err" in the SARM database. The user exit type contains a regex pattern that is applied at runtime.

Regular expressions enable users to associate a series of responses to a specific base type. For example, a regular expression "6." can identify a pattern where any response with the character "6" followed by any number of characters will translate to base type of FAIL.

Regular expressions can also allow very specific searches within a response from a network element. Regular expressions are typically compiled before being executed. Compilation produces a binary version of the expression and ensures that the syntax of the regular expression is correct. This compilation occurs using SACT\SADT when user exit types are deployed into ASAP. If the syntax is deemed to be incorrect during compilation, SADT displays an error message and the deployment of the user exit type will fail.

For more information on pattern matching, refer to the *ASAP Developer Reference* and the *ASAP Administration Guide*.

Understanding user exit type XML files

```
...
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>DYNAMIC_SL</softwareLoad>
    <technology>DYNAMIC_VENDOR-DYNAMIC_TECH</technology>
  </neDescriptor>
  <searchPattern>SUCCESS.</searchPattern>1
  <userType>U_SUCCEED</userType>2
  <baseType>SUCCEED</baseType>3
  <description>The ASDL provisioning was successful</description>
</userDefinedExitType>
```

```

<userDefinedExitType>
  <searchPattern>90.</searchPattern>
  <userType>U_FAIL</userType>
  <baseType>FAIL</baseType>
  <description>The ASDL failed - fail the current order
    and stop processing.</description>
</userDefinedExitType>
<userDefinedExitType>
  <searchPattern>101-110[201-215]</searchPattern>1
  <userType>U_SOFT_FAIL</userType>
  <baseType>SOFT_FAIL</baseType>
  <description>The ASDL has encountered a soft failure. Processing will
    continue.</description>
</userDefinedExitType>
<userDefinedExitType>
  <searchPattern>801-850</searchPattern>2
  <userType>U_MINOR_ERROR</userType>
  <baseType>SOFT_FAIL</baseType>
  <description>The ASDL has encountered a soft failure. Processing will
    continue.</description>
</userDefinedExitType>
<userDefinedExitType>
  <searchPattern>251-275&&[^261-265]</searchPattern>3
  <userType>U_DELAYED_FAIL</userType>
  <baseType>DELAYED_FAIL</baseType>
  <description>The ASDL has failed during provisioning.</description>
</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>BCS36</softwareLoad>
    <technology>NORTEL_DMS</technology>
    <neVendor>Nortel</neVendor>
  </neDescriptor>
  <searchPattern>*.</searchPattern>
  <userType>U_MAINTAIN</userType>
  <baseType>MAINTENANCE</baseType>

```

1. Pattern searches accommodate situations in which responses from the device contain small variants that represent the same meaning. The user type contains an associated search pattern that is applied at runtime. Using regular expressions, you can default a series of responses. For example a regular expression "90." can specify a pattern where any response with the character "90" followed by any character will translate to base type of FAIL. If the regular expression is defined as "90*", then any response with the character "90" followed by any number of characters will translate to base type of FAIL
2. The user type that the search pattern maps to.
3. The base type that maps to the user type.
 1. 101 to 110 and 201 to 215 will translate to a base type of SOFT_FAIL
 2. 801-850 will translate to a base type of SOFT_FAIL. Note that the user type differs from the previous range.
 3. 251 to 275 but not 261 to 265 will translate to a base type of DELAYED_FAILURE.

```
<description>The ASDL will Wait until the NE comes out of
Maintenance Mode</description>
</userDefinedExitType>
```

The previous code sample shows some typical search pattern examples. Some additional examples follow:

- ◆ `^\b(one|two|three)\b.*$` = matches a complete line of text that contains any of the words "one", "two" or "three"
- ◆ `^(?=.*?\bone\b)(?=.*?\btwo\b)(?=.*?\bthree\b).*$` matches a complete line of text that contains all of the words "one", "two" and "three"
- ◆ `"[^\r\n]*"` matches a single-line string that does not allow the quote character to appear inside the string.
- ◆ `\bd{1,3}\.\d{1,3}\.\d{1,3}\.\d{1,3}\b` matches any IP address.

For more information on search patterns, refer to <http://java.sun.com/j2se/1.4.2/docs/api/java/util/regex/Pattern.html>.

For more information on user exit types, refer to chapter 3 of the *ASAP Developer Reference*.

User defined ASDL exit types

The following table lists the user defined ASDL exit types.

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
<code>((?s).)*0((?s).)*SUCCESS((?s).)*</code>	RES_OK_SUCCESS	SUCCEED	Success.
SOAP_TAG_MISMATCH	SOAP_TAG_MISMATCH	FAIL	An XML element didn't correspond to anything expected
SOAP_TYPE	SOAP_TYPE_MISMATCH	FAIL	An XML Schema type mismatch
SOAP_SYNTAX_ERROR	SOAP_SYNTAX_ERROR	FAIL	An XML syntax error occurred on the input
SOAP_NO_TAG	SOAP_NO_TAG	FAIL	Begin of an element expected, but not found
SOAP_IOB	SOAP_IOB	FAIL	Array index out of bounds
SOAP_NAMESPACE	SOAP_NAMESPACE	FAIL	Namespace name mismatch (validation error)

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
SOAP_OBJ_MISMATCH	SOAP_OBJ_MISMATCH	FAIL	Mismatch in the size and/or shape of an object
SOAP_FATAL_ERROR	SOAP_FATAL_ERROR	FAIL	Internal error
SOAP_FAULT	SOAP_FAULT	FAIL	An exception raised by the service
SOAP_NO_METHOD	SOAP_NO_METHOD	FAIL	Skeleton error: the skeleton cannot serve the method
SOAP_GET_METHOD	SOAP_GET_METHOD	FAIL	Unsupported HTTP GET
SOAP_EOM	SOAP_EOM	FAIL	Out of memory
SOAP_NULL	SOAP_NULL	FAIL	An element was null, while it is not supposed to be null
SOAP_MULTI_ID	SOAP_MULTI_ID	FAIL	Multiple occurrences of the same element ID on the input
SOAP_MISSING_ID	SOAP_MISSING_ID	FAIL	Element ID missing for an HREF on the input
SOAP_HREF	SOAP_HREF	FAIL	Reference to object is incompatible with the object referred to
SOAP_UDP_ERROR	SOAP_UDP_ERROR	FAIL	Message too large to store in UDP packet
SOAP_TCP_ERROR	SOAP_TCP_ERROR	RETRY	A connection error occurred
SOAP_HTTP_ERROR	SOAP_HTTP_ERROR	RETRY	An HTTP error occurred
SOAP_SSL_ERROR	SOAP_SSL_ERROR	FAIL	An SSL error occurred
SOAP_ZLIB_ERROR	SOAP_ZLIB_ERROR	FAIL	A Zlib error occurred
SOAP_REQUIRED	SOAP_REQUIRED	FAIL	Attributed required validation error

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
SOAP_PROHIBITED	SOAP_PROHIBITED	FAIL	Attributed prohibited validation error
SOAP_OCCURS	SOAP_OCCURS	FAIL	Element minOccurs/maxOccurs validation error
SOAP_LENGTH	SOAP_LENGTH	FAIL	Element length validation error
SOAP_EOF	SOAP_EOF	FAIL	Unexpected end of file, no input, or timeout while receiving data
((?s).)*Connection to the network element lost((?s).)*	CONNECTION-LOST	RETRY	Connection to the network element is lost
((?s).)*Broken pipe((?s).)*	BROKEN-PIPE	RETRY	Broken Pipe. Connection to the network element is lost
((?s).)*ProvCartridgeException((?s).)*	PROVCART-EXCEPTION	FAIL	Provisioning Cartridge Exception
((?s).)*SocketTimeoutException((?s).)*	READTIME_EXCEPTION	RETRY	Read Timeout Exception
NO_UDET_MATCH	NO_UDET_MATCH	FAIL	Undefined exit type - defaulting to fail
RemoteException	REMOTE_EXCEPTION	FAIL	Remote Exception Failure
GEN_JAVA_EXCEPTION.*	GEN_JAVA_EXCEPTION	FAIL	Failure due to Java error
((?s).)*INVALID_PARAMETER((?s).)*	INVALID_PARAMETER	FAIL	Invalid value for an integer parameter
3	RES_ERROR	FAIL	Failure response from NE.
((?s).)*1((?s).)*NOT FOUND((?s).)*	RES_SEM_NOT_FOUND	FAIL	Either Account or Customer does not exist.
((?s).)*1((?s).)*MUST BE UNIQUE((?s).)*	RES_SEM_MUST_UNIQUE	FAIL	<Object>must be unique.

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*1((?s).)*NO MORE((?s).)*AVAILABLE((?s).)*	RES_SEM_NO_MORE_AVAILABLE	FAIL	No more Account or Customer available.
((?s).)*1((?s).)*OBJECT REFERENCED BY((?s).)*OF((?s).)*	RES_SEM_OBJ_REFER	FAIL	The given Object referenced by another Object of Object.
((?s).)*1((?s).)*Operation not allowed for this user((?s).)*	RES_SEM_OP_NOT_ALLOWED	FAIL	Operation not allowed for this user.
((?s).)*1((?s).)*customerID not found for msisdn :((?s).)*	RES_SEM_ID_NOT_FOUND	FAIL	CustomerID not found for given MSISDN.
((?s).)*1((?s).)*accountID not found for msisdn :((?s).)*	RES_SEM_ACC_ID_NOT	FAIL	AccountID not found for given MSISDN.
((?s).)*1((?s).)*Either customerID or msisdn must be provided((?s).)*	RES_SEM_ID_OR_MSISDN	FAIL	Either customerID or msisdn must be provided
((?s).)*1((?s).)*Either accountID or msisdn must be provided((?s).)*	RES_SEM_AC_ID_MSISDN	FAIL	Either accountID or msisdn must be provided
((?s).)*1((?s).)*Either amount, topupProfileID or voucherPIN((?s).)*	RES_SEM_AMOUN_ID_PIN	FAIL	Either amount, topupProfileID or voucherPIN
((?s).)*1((?s).)*glcentre not found for owncode((?s).)*	RES_SEM_GL_NOT_FOUND	FAIL	Glcentre not found for owncode
((?s).)*1((?s).)*Invalid datetime format for((?s).)*Expected: DD/MM/YYYY HH:MM:SS((?s).)*	RES_SEM_IN_TIME_FORM	FAIL	Invalid datetime format for given parameter, Expected: DD/MM/YYYY HH:MM:SS.
((?s).)*1((?s).)*Invalid date format for((?s).)*Expected: DD/MM/YYYY HH:MM:SS((?s).)*	RES_SEM_IN_DATE_FORM	FAIL	Invalid date format for given parameter, Expected: DD/MM/YYYY HH:MM:SS

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*1((?s).)*does not belong to((?s).)*	RES_SEM_NOT_BELON_T O	FAIL	The msisdn for the given service provider ID does not found in the Customer object.
((?s).)*1((?s).)*TopupProfileID((?s).)*and VoucherPin((?s).)*are mutually exclusive((?s).)*	RES_SEM_MUT_EXCLUSI V	FAIL	TopupProfileID and VoucherPin are mutually exclusive.
((?s).)*1((?s).)*Invalid member number format or digits((?s).)*	RES_SEM_IN_NUM_FORM A	FAIL	Invalid member number format or digits
((?s).)*1((?s).)*Listname must be provided((?s).)*	RES_SEM_LT_NAME_MUS T	FAIL	Listname must be provided
((?s).)*2((?s).)*SERVICE NOT AVAILABLE((?s).)*	RES_ENV_SER_NOT_AVAI	FAIL	Service is not available.
((?s).)*2((?s).)*INSTALL INCOMPLETE ERROR((?s).)*	RES_ENV_INS_INCOM_ER	FAIL	Install incomplete Error.
((?s).)*2((?s).)*UNEXPECTE D ERROR((?s).)*	RES_ENV_UNEXP_ERROR	FAIL	Unexpected Error.
((?s).)*SERVICE ERROR, PLEASE CONTACT OPERATOR((?s).)*	RES_ENV_SERV_ERROR	FAIL	Service Error, Please contact Operator.
((?s).)*3((?s).)*Not Enough Credit((?s).)*	RES_ENV_NOT_EN_CRED	FAIL	Not Enough Credit
((?s).)*3((?s).)*No More Credit((?s).)*	RES_ENV_NO_MORE_CRE D	FAIL	No More Credit
((?s).)*3((?s).)*Too Much Credit((?s).)*	RES_ENV_TOO_MUC_CRE D	FAIL	Too Much Credit
((?s).)*3((?s).)*Status = Created((?s).)*	RES_ENV_STAT_CREATED	FAIL	Status = Created
((?s).)*3((?s).)*Status = Valid((?s).)*	RES_ENV_STATUS_VALID	FAIL	Status = Valid

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*3((?s).)*Status: Account=Inactive or Customer=Suspended((?s).)*	RES_ENV_INAC_OR_SUSP	FAIL	Status: Account=Inactive or Customer=Suspended
((?s).)*3((?s).)*Status: Account=Deactivated or Customer=Terminated((?s).)*	RES_ENV_DEAC_OR_TER M	FAIL	Status: Account=Deactivated or Customer=Terminated
((?s).)*3((?s).)*Admistat = Enabled((?s).)*	RES_ENV_ADMISTAT_EN A	FAIL	Admistat = Enabled
((?s).)*3((?s).)*Admistat = Recharge Suspended((?s).)*	RES_ENV_ADMISTAT_SUS	FAIL	Admistat = Recharge Suspended
((?s).)*3((?s).)*Admistat = Blocked((?s).)*	RES_ENV_ADMISTAT_BLO	FAIL	Admistat = Blocked
((?s).)*3((?s).)*Admin stat = Blocked or Suspended((?s).)*	RES_ENV_BLOC_OR_SUSP	FAIL	Admin stat = Blocked or Suspended
((?s).)*3((?s).)*Reload Not Allowed((?s).)*	RES_ENV_REL_NOT_ALL	FAIL	Reload Not Allowed
((?s).)*3((?s).)*Authorization Failed((?s).)*	RES_ENV_AUTH_FAILED	FAIL	Authorization Failed
((?s).)*3((?s).)*ACCOUNT NOT FOUND((?s).)*	RES_ENV_AC_NOT_FOUN D	FAIL	Account not found.
((?s).)*3((?s).)*Database Search Error((?s).)*	RES_ENV_DB_SEARCH_E R	FAIL	Database Search Error
((?s).)*3((?s).)*CUSTOMER ACCOUNT NOT FOUND((?s).)*	RES_ENV_CUS_AC_NOT	FAIL	Customer Account not found.
((?s).)*3((?s).)*Card Number Invalid((?s).)*	RES_ENV_CARD_NUM_IN V	FAIL	Card Number Invalid
((?s).)*3((?s).)*Card Not Found((?s).)*	RES_ENV_CARD_NOT_FO U	FAIL	Card not found
((?s).)*3((?s).)*Card Used((?s).)*	RES_ENV_CARD_USED	FAIL	Card Used

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*3((?s).)*Card De-Active((?s).)*	RES_ENV_CARD_DE_ACT	FAIL	Card De-Active
((?s).)*3((?s).)*Card Expired((?s).)*	RES_ENV_CARD_EXPIRED	FAIL	Card Expired
((?s).)*3((?s).)*Invalid Service Provider((?s).)*	RES_ENV_INV_SERV_PRO	FAIL	Invalid Service Provider
((?s).)*3((?s).)*Invalid Parameters((?s).)*	RES_ENV_INVALID_PARAM	FAIL	Invalid Parameters
((?s).)*3((?s).)*Internal Error((?s).)*	RES_ENV_INTERN_ERROR	FAIL	Internal Error
((?s).)*3((?s).)*Database Update Error((?s).)*	RES_ENV_DB_UP_ERROR	FAIL	Database Update Error
((?s).)*3((?s).)*Validation Failure((?s).)*	RES_ENV_VAL_FAILURE	FAIL	Validation Failure
((?s).)*3((?s).)*Length of Received Message is Incorrect((?s).)*	RES_ENV_LEN_INCORREC	FAIL	Length of Received Message is Incorrect
((?s).)*3((?s).)*The Op Code of Received Message is Incorrect((?s).)*	RES_ENV_OP_CODE_INC	FAIL	The Op Code of Received Message is Incorrect
((?s).)*3((?s).)*Internal Error , please contact Operator((?s).)*	RES_ENV_CON_OPERATOR	FAIL	Internal Error , please contact Operator
((?s).)*3((?s).)*Validation Response Timeout((?s).)*	RES_ENV_VAL_TIMEOUT	FAIL	Validation Response Timeout
((?s).)*3((?s).)*Account Blocked for Voucher Recharges((?s).)*	RES_ENV_BLOCK_FOR_RE	FAIL	Account Blocked for Voucher Recharges
((?s).)*0((?s).)*CREATED((?s).)*	RES_OK_OBJ_CREATED	SUCCEED	Object Created.
((?s).)*0((?s).)*REMOVED((?s).)*	RES_OK_OBJ_REMOVED	SUCCEED	Object removed.

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*0((?s).)*UPDATED((?s).)*	RES_OK_OBJ_UPDATED	SUCCEED	Object Updated.
0	RES_OK	SUCCEED	Successful response.
1	RES_SEMANTIC	FAIL	Failed due to semantics.
((?s).)*0((?s).)*in LOOPBACK((?s).)*	RES_OK_LOOPBACK	SUCCEED	Successful execution in loopback mode
((?s).)*1000((?s).)*	UNCLASSIFIED_SYNTAX	FAIL	Unclassified syntax error.
((?s).)*1001((?s).)*	TOPUP_DATA_ERROR	FAIL	Either Topup Amount or Topup profile must be provided. This is applicable to the Topup operation when used for non voucher Topups.
((?s).)*2000((?s).)*	UNCLASSIFIED_SEMANTI	FAIL	Unclassified semantic error.
((?s).)*2001((?s).)*	CUS_NOT_FOUND_FOR_S P	FAIL	Customer not found for given Service Provider.
((?s).)*2002((?s).)*	CUS_NOT_FOUND_FOR_I D	FAIL	Customer not found for given values of identifier type and identifier value provided as part of the CustomerCompositeID.
((?s).)*2003((?s).)*	COUNTERLABE_NOTFOU ND	FAIL	Counter Label provided in the input doesnot exist in the Business names table on Apollo platform.
((?s).)*2004((?s).)*	BUNDLELABEL_NOTFOU ND	FAIL	Bundle Label provided in the input doesnot exist. in the Business names table on Apollo platform.

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s.)*2005(?s.)*	SUBSCRIPTION_NAME_NF	FAIL	Subscription Name provided in the input does not exist in the Business names table on Apollo platform.
((?s.)*3000(?s.)*	UNCLASSIFIED_DATA_ER	FAIL	Unclassified data error.
((?s.)*4000(?s.)*	UNCLASSIFIED_EXE_ERR	FAIL	Unclassified execution error.
((?s.)*5000(?s.)*	UNCLASSIFIED_ENV_ERR	FAIL	Unclassified environment error.
((?s.)*5001(?s.)*	SERVICE_NOT_AVAILABE	FAIL	Service is not available.
((?s.)*5002(?s.)*	SERVICE_INSTAL_INCOM	FAIL	Service installation is incomplete.
((?s.)*5003(?s.)*	SYSTEM_IS_BUSY_ERROR	FAIL	System is Busy. This code will be returned if throttling is being applied to a particular class of operations. It is the responsibility of the client to allow certain time interval before retrying the request. Immediate retrial will more than likely result in another System Busy response
((?s.)*5004(?s.)*	OPERATION_HAS_DISABL	FAIL	Operation has been temporarily disabled.
((?s.)*4000(?s.)*Unspecifid Execution Error200.19 ppm not found in the partition table(?s.)*	UNCLASSIFIED_EXE_ERR	FAIL	Unclassified execution error.
((?s.)*3605(?s.)*Combinati on of systemid, groupid and service provider id not found for operation(?s.)*	SYSID_GRPID_SPID_NOT	FAIL	Unexpected System Error. Try once again.

Table 102: User defined ASDL exit types

Search Pattern	User Defined Exit Type	Base Exit Type	Description
((?s).)*4000((?s).)*CLIENT MUST BE UNIQUE((?s).)*	CLIENT_MUST_BE_UNIQU	FAIL	Customer must be Unique.
((?s).)*0((?s).)*successful((?s).)*	RES_OK_OBJ_DISPLAYED	SUCCEED	Object displayed successfully.
((?s).)*0((?s).)*Operation Completed Successfully((?s).)*	RES_OK_OPER_COMPLET E	SUCCEED	Operation Completed Successfully.
((?s).)*Exception((?s).)*	EXCEPTION	FAIL	General Exception

UserExitType.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<serviceModel xmlns="http://www.metasolv.com/ServiceActivation/2003/ServiceModel">
  <userDefinedExitType>
    <neDescriptor>
      <softwareLoad>WSTR2</softwareLoad>
      <technology>8618IN</technology>
      <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*0((?s).)*SUCCESS((?s).)*</searchPattern>
    <userType>RES_OK_SUCCESS</userType>
    <baseType>SUCCEED</baseType>
    <description>Success.</description>
  </userDefinedExitType>
  <userDefinedExitType>
    <neDescriptor>
      <softwareLoad>WSTR2</softwareLoad>
      <technology>8618IN</technology>
      <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>SOAP_TAG_MISMATCH</searchPattern>
    <userType>SOAP_TAG_MISMATCH</userType>
    <baseType>FAIL</baseType>
    <description>An XML element didn't correspond to anything expected</
description>
  </userDefinedExitType>
  <userDefinedExitType>
    <neDescriptor>
      <softwareLoad>WSTR2</softwareLoad>
      <technology>8618IN</technology>
      <neVendor>ALA</neVendor>
    </neDescriptor>
```

```

        <searchPattern>SOAP_TYPE</searchPattern>
        <userType>SOAP_TYPE_MISMATCH</userType>
        <baseType>FAIL</baseType>
        <description>An XML Schema type mismatch</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_SYNTAX_ERROR</searchPattern>
        <userType>SOAP_SYNTAX_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>An XML syntax error occurred on the input</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_NO_TAG</searchPattern>
        <userType>SOAP_NO_TAG</userType>
        <baseType>FAIL</baseType>
        <description>Begin of an element expected, but not found</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_IOB</searchPattern>
        <userType>SOAP_IOB</userType>
        <baseType>FAIL</baseType>
        <description>Array index out of bounds</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_NAMESPACE</searchPattern>
        <userType>SOAP_NAMESPACE</userType>
        <baseType>FAIL</baseType>
        <description>Namespace name mismatch (validation error)</
description>
    </userDefinedExitType>
    <userDefinedExitType>

```

```

        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_OBJ_MISMATCH</searchPattern>
        <userType>SOAP_OBJ_MISMATCH</userType>
        <baseType>FAIL</baseType>
        <description>Mismatch in the size and/or shape of an object</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_FATAL_ERROR</searchPattern>
        <userType>SOAP_FATAL_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Internal error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_FAULT</searchPattern>
        <userType>SOAP_FAULT</userType>
        <baseType>FAIL</baseType>
        <description>An exception raised by the service</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_NO_METHOD</searchPattern>
        <userType>SOAP_NO_METHOD</userType>
        <baseType>FAIL</baseType>
        <description>Skeleton error: the skeleton cannot serve the method</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_GET_METHOD</searchPattern>

```

```
        <userType>SOAP_GET_METHOD</userType>
        <baseType>FAIL</baseType>
        <description>Unsupported HTTP GET</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_EOM</searchPattern>
        <userType>SOAP_EOM</userType>
        <baseType>FAIL</baseType>
        <description>Out of memory</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_NULL</searchPattern>
        <userType>SOAP_NULL</userType>
        <baseType>FAIL</baseType>
        <description>An element was null, while it is not supposed to be
null</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_MULTI_ID</searchPattern>
        <userType>SOAP_MULTI_ID</userType>
        <baseType>FAIL</baseType>
        <description>Multiple occurrences of the same element ID on the
input</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_MISSING_ID</searchPattern>
        <userType>SOAP_MISSING_ID</userType>
        <baseType>FAIL</baseType>
        <description>Element ID missing for an HREF on the input</
description>
    </userDefinedExitType>
</userDefinedExitType>
```



```

        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_HREF</searchPattern>
        <userType>SOAP_HREF</userType>
        <baseType>FAIL</baseType>
        <description>Reference to object is incompatible with the object
referred to</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_UDP_ERROR</searchPattern>
        <userType>SOAP_UDP_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Message too large to store in UDP packet</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_TCP_ERROR</searchPattern>
        <userType>SOAP_TCP_ERROR</userType>
        <baseType>RETRY</baseType>
        <description>A connection error occurred</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_HTTP_ERROR</searchPattern>
        <userType>SOAP_HTTP_ERROR</userType>
        <baseType>RETRY</baseType>
        <description>An HTTP error occurred</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_SSL_ERROR</searchPattern>
        <userType>SOAP_SSL_ERROR</userType>

```

```
        <baseType>FAIL</baseType>
        <description>An SSL error occurred</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_ZLIB_ERROR</searchPattern>
        <userType>SOAP_ZLIB_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>A Zlib error occurred</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_REQUIRED</searchPattern>
        <userType>SOAP_REQUIRED</userType>
        <baseType>FAIL</baseType>
        <description>Attributed required validation error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_PROHIBITED</searchPattern>
        <userType>SOAP_PROHIBITED</userType>
        <baseType>FAIL</baseType>
        <description>Attributed prohibited validation error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>SOAP_OCCURS</searchPattern>
        <userType>SOAP_OCCURS</userType>
        <baseType>FAIL</baseType>
        <description>Element minOccurs/maxOccurs validation error</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
```

```

        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>SOAP_LENGTH</searchPattern>
    <userType>SOAP_LENGTH</userType>
    <baseType>FAIL</baseType>
    <description>Element length validation error</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>SOAP_EOF</searchPattern>
    <userType>SOAP_EOF</userType>
    <baseType>FAIL</baseType>
    <description>Unexpected end of file, no input, or timeout while
receiving data</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*Connection to the network element
lost((?s).)*</searchPattern>
    <userType>CONNECTION-LOST</userType>
    <baseType>RETRY</baseType>
    <description>Connection to the network element is lost</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*Broken pipe((?s).)*</searchPattern>
    <userType>BROKEN-PIPE</userType>
    <baseType>RETRY</baseType>
    <description>Broken Pipe. Connection to the network element is
lost</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*ProvCartridgeException((?s).)*</
searchPattern>
    <userType>PROVCART-EXCEPTION</userType>

```

```
        <baseType>FAIL</baseType>
        <description>Provisioning Cartridge Exception</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*Exception((?s).)*</searchPattern>
        <userType>EXCEPTION</userType>
        <baseType>FAIL</baseType>
        <description>General Exception</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>NO_UDET_MATCH</searchPattern>
        <userType>NO_UDET_MATCH</userType>
        <baseType>FAIL</baseType>
        <description>Undefined exit type - defaulting to fail</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>RemoteException</searchPattern>
        <userType>REMOTE_EXCEPTION</userType>
        <baseType>FAIL</baseType>
        <description>Remote Exception Failure</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>GEN_JAVA_EXCEPTION.*</searchPattern>
        <userType>GEN_JAVA_EXCEPTION</userType>
        <baseType>FAIL</baseType>
        <description>Failure due to Java error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
```

```

        </neDescriptor>
        <searchPattern>((?s).)*INVALID_PARAMETER((?s).)*</searchPattern>
        <userType>INVALID_PARAMETER</userType>
        <baseType>FAIL</baseType>
        <description>Invalid value for an integer parameter</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>3</searchPattern>
        <userType>RES_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Failure response from NE.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*NOT FOUND((?s).)*</searchPattern>
        <userType>RES_SEM_NOT_FOUND</userType>
        <baseType>FAIL</baseType>
        <description>Either Account or Customer does not exist.</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*MUST BE UNIQUE((?s).)*</
searchPattern>
        <userType>RES_SEM_MUST_UNIQUE</userType>
        <baseType>FAIL</baseType>
        <description>&lt;Object&gt;must be unique.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*NO MORE((?s).)*AVAILABLE((?s).)*</
searchPattern>
        <userType>RES_SEM_NO_MORE_AVAI</userType>
        <baseType>FAIL</baseType>
        <description>No more Account or Customer available.</description>

```

```

</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>WSTR2</softwareLoad>
    <technology>8618IN</technology>
    <neVendor>ALA</neVendor>
  </neDescriptor>
  <searchPattern>((?s).)*1((?s).)*OBJECT REFERENCED
BY((?s).)*OF((?s).)*</searchPattern>
  <userType>RES_SEM_OBJ_REFER</userType>
  <baseType>FAIL</baseType>
  <description>The given Object referenced by another Object of
Object.</description>
</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>WSTR2</softwareLoad>
    <technology>8618IN</technology>
    <neVendor>ALA</neVendor>
  </neDescriptor>
  <searchPattern>((?s).)*1((?s).)*Operation not allowed for this
user((?s).)*</searchPattern>
  <userType>RES_SEM_OP_NOT_ALLOW</userType>
  <baseType>FAIL</baseType>
  <description>Operation not allowed for this user.</description>
</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>WSTR2</softwareLoad>
    <technology>8618IN</technology>
    <neVendor>ALA</neVendor>
  </neDescriptor>
  <searchPattern>((?s).)*1((?s).)*customerID not found for msisdn
:((?s).)*</searchPattern>
  <userType>RES_SEM_ID_NOT_FOUND</userType>
  <baseType>FAIL</baseType>
  <description>CustomerID not found for given MSISDN.</description>
</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>
    <softwareLoad>WSTR2</softwareLoad>
    <technology>8618IN</technology>
    <neVendor>ALA</neVendor>
  </neDescriptor>
  <searchPattern>((?s).)*1((?s).)*accountID not found for msisdn
:((?s).)*</searchPattern>
  <userType>RES_SEM_ACC_ID_NOT</userType>
  <baseType>FAIL</baseType>
  <description>AccountID not found for given MSISDN.</description>
</userDefinedExitType>
<userDefinedExitType>
  <neDescriptor>

```

```

        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Either customerID or msisdn must be
provided((?s).)*</searchPattern>
    <userType>RES_SEM_ID_OR_MSISDN</userType>
    <baseType>FAIL</baseType>
    <description>Either customerID or msisdn must be provided</
description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Either accountID or msisdn must be
provided((?s).)*</searchPattern>
    <userType>RES_SEM_AC_ID_MSISDN</userType>
    <baseType>FAIL</baseType>
    <description>Either accountID or msisdn must be provided</
description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Either amount, topupProfileID or
voucherPIN((?s).)*</searchPattern>
    <userType>RES_SEM_AMOUN_ID_PIN</userType>
    <baseType>FAIL</baseType>
    <description>Either amount, topupProfileID or voucherPIN</
description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*glcentre not found for
owncode((?s).)*</searchPattern>
    <userType>RES_SEM_GL_NOT_FOUND</userType>
    <baseType>FAIL</baseType>
    <description>Glcentre not found for owncode</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>

```

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        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Invalid datetime format
for((?s).)*Expected: DD/MM/YYYY HH:MM:SS((?s).)*</searchPattern>
    <userType>RES_SEM_IN_TIME_FORM</userType>
    <baseType>FAIL</baseType>
    <description>Invalid datetime format for given parameter, Expected:
DD/MM/YYYY HH:MM:SS.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*Invalid date format
for((?s).)*Expected: DD/MM/YYYY HH:MM:SS((?s).)*</searchPattern>
    <userType>RES_SEM_IN_DATE_FORM</userType>
    <baseType>FAIL</baseType>
    <description>Invalid date format for given parameter, Expected: DD/
MM/YYYY HH:MM:SS</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*does not belong to((?s).)*</
searchPattern>
    <userType>RES_SEM_NOT_BELON_TO</userType>
    <baseType>FAIL</baseType>
    <description>The msisdn for the given service provider ID does not
found in the Customer object.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*1((?s).)*TopupProfileID((?s).)*and
VoucherPin((?s).)*are mutually exclusive((?s).)*</searchPattern>
    <userType>RES_SEM_MUT_EXCLUSIV</userType>
    <baseType>FAIL</baseType>
    <description>TopupProfileID and VoucherPin are mutually
exclusive.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>

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        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Invalid member number format or
digits((?s).)*</searchPattern>
    <userType>RES_SEM_IN_NUM_FORMA</userType>
    <baseType>FAIL</baseType>
    <description>Invalid member number format or digits</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*1((?s).)*Listname must be provided((?s).)*</
searchPattern>
    <userType>RES_SEM_LT_NAME_MUST</userType>
    <baseType>FAIL</baseType>
    <description>Listname must be provided</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*2((?s).)*SERVICE NOT AVAILABLE((?s).)*</
searchPattern>
    <userType>RES_ENV_SER_NOT_AVAI</userType>
    <baseType>FAIL</baseType>
    <description>Service is not available. </description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*2((?s).)*INSTALL INCOMPLETE ERROR((?s).)*</
searchPattern>
    <userType>RES_ENV_INS_INCOM_ER</userType>
    <baseType>FAIL</baseType>
    <description>Install incomplete Error.</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>

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```

        <searchPattern>((?s).)*2((?s).)*UNEXPECTED ERROR((?s).)*</
searchPattern>
        <userType>RES_ENV_UNEXP_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Unexpected Error.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*SERVICE ERROR, PLEASE CONTACT
OPERATOR((?s).)*</searchPattern>
        <userType>RES_ENV_SERV_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Service Error, Please contact Operator.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Not Enough Credit((?s).)*</
searchPattern>
        <userType>RES_ENV_NOT_EN_CRED</userType>
        <baseType>FAIL</baseType>
        <description>Not Enough Credit</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*No More Credit((?s).)*</
searchPattern>
        <userType>RES_ENV_NO_MORE_CRED</userType>
        <baseType>FAIL</baseType>
        <description>No More Credit</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Too Much Credit((?s).)*</
searchPattern>
        <userType>RES_ENV_TOO_MUC_CRED</userType>
        <baseType>FAIL</baseType>

```

```

        <description>Too Much Credit</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Status = Created((?s).)*</
searchPattern>
        <userType>RES_ENV_STAT_CREATED</userType>
        <baseType>FAIL</baseType>
        <description>Status = Created</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Status = Valid((?s).)*</
searchPattern>
        <userType>RES_ENV_STATUS_VALID</userType>
        <baseType>FAIL</baseType>
        <description>Status = Valid</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Status: Account=Inactive or
Customer=Suspended((?s).)*</searchPattern>
        <userType>RES_ENV_INAC_OR_SUSP</userType>
        <baseType>FAIL</baseType>
        <description>Status: Account=Inactive or Customer=Suspended</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Status: Account=Deactivated or
Customer=Terminated((?s).)*</searchPattern>
        <userType>RES_ENV_DEAC_OR_TERM</userType>
        <baseType>FAIL</baseType>
        <description>Status: Account=Deactivated or Customer=Terminated</
description>
    </userDefinedExitType>

```

```

    <userDefinedExitType>
      <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
      </neDescriptor>
      <searchPattern>((?s).)*3((?s).)*Admistat = Enabled((?s).)*</
searchPattern>
      <userType>RES_ENV_ADMISTAT_ENA</userType>
      <baseType>FAIL</baseType>
      <description>Admistat = Enabled</description>
    </userDefinedExitType>
    <userDefinedExitType>
      <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
      </neDescriptor>
      <searchPattern>((?s).)*3((?s).)*Admistat = Recharge
Suspended((?s).)*</searchPattern>
      <userType>RES_ENV_ADMISTAT_SUS</userType>
      <baseType>FAIL</baseType>
      <description>Admistat = Recharge Suspended</description>
    </userDefinedExitType>
    <userDefinedExitType>
      <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
      </neDescriptor>
      <searchPattern>((?s).)*3((?s).)*Admistat = Blocked((?s).)*</
searchPattern>
      <userType>RES_ENV_ADMISTAT_BLO</userType>
      <baseType>FAIL</baseType>
      <description>Admistat = Blocked</description>
    </userDefinedExitType>
    <userDefinedExitType>
      <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
      </neDescriptor>
      <searchPattern>((?s).)*3((?s).)*Admin stat = Blocked or
Suspended((?s).)*</searchPattern>
      <userType>RES_ENV_BLOC_OR_SUSP</userType>
      <baseType>FAIL</baseType>
      <description>Admin stat = Blocked or Suspended</description>
    </userDefinedExitType>
    <userDefinedExitType>
      <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>

```

```

        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*3((?s).)*Reload Not Allowed((?s).)*</
searchPattern>
    <userType>RES_ENV_REL_NOT_ALL</userType>
    <baseType>FAIL</baseType>
    <description>Reload Not Allowed</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*3((?s).)*Authorization Failed((?s).)*</
searchPattern>
    <userType>RES_ENV_AUTH_FAILED</userType>
    <baseType>FAIL</baseType>
    <description>Authorization Failed</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*3((?s).)*ACCOUNT NOT FOUND((?s).)*</
searchPattern>
    <userType>RES_ENV_AC_NOT_FOUND</userType>
    <baseType>FAIL</baseType>
    <description>Account not found.</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*3((?s).)*Database Search Error((?s).)*</
searchPattern>
    <userType>RES_ENV_DB_SEARCH_ER</userType>
    <baseType>FAIL</baseType>
    <description>Database Search Error</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*3((?s).)*CUSTOMER ACCOUNT NOT FOUND((?s).)*</
searchPattern>

```

```

        <userType>RES_ENV_CUS_AC_NOT</userType>
        <baseType>FAIL</baseType>
        <description>Customer Account not found.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Card Number Invalid((?s).)*</
searchPattern>
        <userType>RES_ENV_CARD_NUM_INV</userType>
        <baseType>FAIL</baseType>
        <description>Card Number Invalid</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Card Not Found((?s).)*</
searchPattern>
        <userType>RES_ENV_CARD_NOT_FOU</userType>
        <baseType>FAIL</baseType>
        <description>Card not found</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Card Used((?s).)*</searchPattern>
        <userType>RES_ENV_CARD_USED</userType>
        <baseType>FAIL</baseType>
        <description>Card Used</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Card De-Active((?s).)*</
searchPattern>
        <userType>RES_ENV_CARD_DE_ACT</userType>
        <baseType>FAIL</baseType>
        <description>Card De-Active</description>
    </userDefinedExitType>
    <userDefinedExitType>

```

```

        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Card Expired((?s).)*</
searchPattern>
        <userType>RES_ENV_CARD_EXPIRED</userType>
        <baseType>FAIL</baseType>
        <description>Card Expired</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Invalid Service Provider((?s).)*</
searchPattern>
        <userType>RES_ENV_INV_SERV_PRO</userType>
        <baseType>FAIL</baseType>
        <description>Invalid Service Provider</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Invalid Parameters((?s).)*</
searchPattern>
        <userType>RES_ENV_INVALID_PARAM</userType>
        <baseType>FAIL</baseType>
        <description>Invalid Parameters</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Internal Error((?s).)*</
searchPattern>
        <userType>RES_ENV_INTERN_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Internal Error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>

```

```

        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Database Update Error((?s).)*</
searchPattern>
        <userType>RES_ENV_DB_UP_ERROR</userType>
        <baseType>FAIL</baseType>
        <description>Database Update Error</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Validation Failure((?s).)*</
searchPattern>
        <userType>RES_ENV_VAL_FAILURE</userType>
        <baseType>FAIL</baseType>
        <description>Validation Failure</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Length of Received Message is
Incorrect((?s).)*</searchPattern>
        <userType>RES_ENV_LEN_INCORREC</userType>
        <baseType>FAIL</baseType>
        <description>Length of Received Message is Incorrect</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*The Op Code of Received Message is
Incorrect((?s).)*</searchPattern>
        <userType>RES_ENV_OP_CODE_INC</userType>
        <baseType>FAIL</baseType>
        <description>The Op Code of Received Message is Incorrect</
description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Internal Error , please contact
Operator((?s).)*</searchPattern>

```



```

        <userType>RES_ENV_CON_OPERATOR</userType>
        <baseType>FAIL</baseType>
        <description>Internal Error , please contact Operator</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Validation Response
Timeout((?s).)*</searchPattern>
        <userType>RES_ENV_VAL_TIMEOUT</userType>
        <baseType>FAIL</baseType>
        <description>Validation Response Timeout</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*3((?s).)*Account Blocked for Voucher
Recharges((?s).)*</searchPattern>
        <userType>RES_ENV_BLOCK_FOR_RE</userType>
        <baseType>FAIL</baseType>
        <description>Account Blocked for Voucher Recharges</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*0((?s).)*CREATED((?s).)*</searchPattern>
        <userType>RES_OK_OBJ_CREATED</userType>
        <baseType>SUCCEED</baseType>
        <description>Object Created. </description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>
            <softwareLoad>WSTR2</softwareLoad>
            <technology>8618IN</technology>
            <neVendor>ALA</neVendor>
        </neDescriptor>
        <searchPattern>((?s).)*0((?s).)*REMOVED((?s).)*</searchPattern>
        <userType>RES_OK_OBJ_REMOVED</userType>
        <baseType>SUCCEED</baseType>
        <description>Object removed.</description>
    </userDefinedExitType>
    <userDefinedExitType>
        <neDescriptor>

```

```
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*0((?s).)*UPDATED((?s).)*</searchPattern>
    <userType>RES_OK_OBJ_UPDATED</userType>
    <baseType>SUCCEED</baseType>
    <description>Object Updated.</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>0</searchPattern>
    <userType>RES_OK</userType>
    <baseType>SUCCEED</baseType>
    <description>Successful response.</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>1</searchPattern>
    <userType>RES_SEMANTIC</userType>
    <baseType>FAIL</baseType>
    <description>Failed due to semantics.</description>
</userDefinedExitType>
<userDefinedExitType>
    <neDescriptor>
        <softwareLoad>WSTR2</softwareLoad>
        <technology>8618IN</technology>
        <neVendor>ALA</neVendor>
    </neDescriptor>
    <searchPattern>((?s).)*0((?s).)*in LOOPBACK((?s).)*</searchPattern>
    <userType>RES_OK_LOOPBACK</userType>
    <baseType>SUCCEED</baseType>
    <description>Successful execution in loopback mode</description>
</userDefinedExitType>
</serviceModel>
```

Service Definition

The Alcatel 8618IN cartridge contains a set of CSDLs that map to one or more ASDL commands. You can also create additional CSDLs that map to existing and newly-created ASDLs. An upstream system can assemble any of these CSDL commands onto a work order for provisioning.

This chapter presents detailed information on the CSDL parameters that we provide in this cartridge. The following table lists and describes the type of parameter information that is included.

Table 103: ASDL parameter information

Item	Description
Parameter Name	Identifies the parameter that is configured for the stated service.
Description	Describes the parameter.
Range	Describes or lists the range of values that can be used to satisfy this parameter.
Default Value	Configures a default value for the parameter so that it is not mandatory for the upstream system to provide a value.

Table 103: ASDL parameter information

Item	Description
Type	<p>Indicates one of the following parameter types:</p> <ul style="list-style-type: none"> ◆ S—Scalar, specifies the parameter label transmitted on the ASDL command. Scalar parameters are conventional name-value pair parameters. ◆ C—Compound, specifies the base name of the compound parameter transmitted on the ASDL command. A compound parameter contains structures or arrays of information that are represented by a particular structure name or compound parameter name. Each compound parameter can contain a large number of elements. If you use compound parameters, you only require a single entry in the ASAP translation tables to call the compound parameter and all its associated parameter elements. ◆ I—Indexed, identifies a parameter that contains a sequential numerical index value to tell the SARM that it should execute the same operation (for example, an ASDL command) for all occurrences of that index. Consequently, if there are several options on a particular CSDL command (OPT1, OPT2, OPT3, etc.), you can specify the OPT parameter as an indexed parameter. When you specify the OPT parameter as an indexed parameter, the SARM generates several occurrences of that same ASDL command and each command has a different value for the option being transmitted to the NEP. <p>For more information on parameter types, refer to the <i>ASAP Developer Reference</i>.</p>
Class	<p>Indicates one of the following parameter classifications:</p> <ul style="list-style-type: none"> ◆ R—Required scalar parameter ◆ O—Optional scalar parameter ◆ C—Required compound parameter ◆ N—Optional compound parameter ◆ M—Mandatory indexed parameter ◆ I—Optional indexed parameter ◆ S—Parameter count

For a detailed description of the Required and Optional parameter classifications, refer to the *ASAP Administration Guide*.

CSDL commands

This cartridge provides the following CSDL Commands:

- ◆ C_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT
- ◆ C_ALA-8618IN_WSTR2_BALANCE_BUNDLES
- ◆ C_ALA-8618IN_WSTR2_BLOCK_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_CHANGE_MSISDN
- ◆ C_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0
- ◆ C_ALA-8618IN_WSTR2_CREATE_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_CREATE_BUCKET
- ◆ C_ALA-8618IN_WSTR2_CREATE_COUNTER
- ◆ C_ALA-8618IN_WSTR2_CREATE_CUS_SUB
- ◆ C_ALA-8618IN_WSTR2_CREATE_CUSTOMER
- ◆ C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0
- ◆ C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION
- ◆ C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST
- ◆ C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER
- ◆ C_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT
- ◆ C_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT
- ◆ C_ALA-8618IN_WSTR2_GET_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0
- ◆ C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE
- ◆ C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0
- ◆ C_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY
- ◆ C_ALA-8618IN_WSTR2_GET_CALL-HISTORY
- ◆ C_ALA-8618IN_WSTR2_GET_CUS_SUB
- ◆ C_ALA-8618IN_WSTR2_GET_CUSTOMER
- ◆ C_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0
- ◆ C_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION
- ◆ C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST
- ◆ C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER
- ◆ C_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS
- ◆ C_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

- ◆ C_ALA-8618IN_WSTR2_LIST_BUCKETS
- ◆ C_ALA-8618IN_WSTR2_LIST_COUNTERS
- ◆ C_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER
- ◆ C_ALA-8618IN_WSTR2_LIST_CUS_SUB
- ◆ C_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION
- ◆ C_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS
- ◆ C_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT
- ◆ C_ALA-8618IN_WSTR2_MAKE_TOPUP
- ◆ C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG
- ◆ C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0
- ◆ C_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE
- ◆ C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT
- ◆ C_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN
- ◆ C_ALA-8618IN_WSTR2_MODIFY_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_MODIFY_BUCKET
- ◆ C_ALA-8618IN_WSTR2_MODIFY_COUNTER
- ◆ C_ALA-8618IN_WSTR2_MODIFY_CUS_SUB
- ◆ C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER
- ◆ A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0
- ◆ C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID
- ◆ C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION
- ◆ C_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT
- ◆ C_ALA-8618IN_WSTR2_REMOVE_ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_REMOVE_BUCKET
- ◆ C_ALA-8618IN_WSTR2_REMOVE_COUNTER
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUS_SUB
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST
- ◆ C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION
- ◆ C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST
- ◆ C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

- ◆ C_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG
- ◆ C_ALA-8618IN_WSTR2_UPDATES_CUSTOMER-STATUS
- ◆ C_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

C_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT

Activates an existing account.

Table 104: C_ALA-8618IN_WSTR2_ACTIVATE ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 105: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT	A_ALA-8618IN_WSTR2_ACTIVATE_ACCOUNT

C_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Creates an instance of a SpendLimit and associates it with the Customer Account.

Table 106: C_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O

Table 106: C_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	R
SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.	Max Length is 19. Format is: yyyy/MM/dd HH:MM:SS.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 107: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT	A_ALA-8618IN_WSTR2_ACTIVATE_SPEND-LIMIT

C_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Transfers credit from the account balance to bundles.

Table 108: C_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
FEE_RATING_RULE_ID	This field is the ID for the fee rating rule.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	R
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 108: C_ALA-8618IN_WSTR2_BALANCE_BUNDLES

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 109: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_BALANCE_BUNDLES	A_ALA-8618IN_WSTR2_BALANCE_BUNDLES

C_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Blocks an existing account.

Table 110: C_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
BLOCKED_FLAG	Enable to block an account from placing a call.	<ul style="list-style-type: none"> ◆ 0 = not blocked ◆ 1 = blocked 		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 110: C_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 111: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_BLOCK_ACCOUNT	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0
	A_ALA-8618IN_WSTR2_BLOCK_ACCOUNT

C_ALA-8618IN_WSTR2_CHANGE_MSISDN

Changes the MSISDN of a given customer.

Table 112: C_ALA-8618IN_WSTR2_CHANGE_MSISDN

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
CUSTOMER_ID	String identifier of the current customer.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	R
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_MSISDN	The MSISDN ID of the current customer (used for rollback).	Maximum of 24 characters. Numeric only.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 112: C_ALA-8618IN_WSTR2_CHANGE_MSISDN

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to AsSDL mapping for this service.

Table 113: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CHANGE_MSISDN	A_ALA-8618IN_WSTR2_CHANGE_MSISDN

C_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Changes the MSISDN of a given customer for 2.0.

Table 114: C_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER _ID	Reference to the provider ID	Max Length 20		S	R
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R

Table 114: C_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Reference to the transaction ID	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
OLD_MSISDN	The MSISDN ID of the current customer (used for rollback)	Max Length 24. Digits only		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 115: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0	A_ALA-8618IN_WSTR2_CHANGE_MSISDN_2-0

C_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Creates a new account.

Table 116: C_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters.		S	R
ACCOUNT_STATUS	Status of an account.	Maximum of 20 characters. (one of "Created", "Valid", "Active", "Inactive", "Deactivated")		S	O
ACCOUNT_TYPE	This field determines if the account is prepaid or postpaid. The default value will be inherited from the Account Profile if the account type is not provided.	Maximum of 60 characters.		S	O
BEGIN_ACTIVITY_DATE_TIME	Indicates the begin activity, date and time of an account.	Maximum of 19 characters. Format: "DD/MM/YYYY HH:MM:SS"		S	O
BEGIN_VALIDITY_DATE_TIME	This field indicates the begin validity date and time of an account.	Maximum of 19 characters. Format: "DD/MM/YYYY HH:MM:SS"		S	O
END_ACT_BEGIN_INACT_DATE_TIME	This is the end of activity date and time of an account.	Maximum of 19 characters. Format: "DD/MM/YYYY HH:MM:SS"		S	O

Table 116: C_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
END_INACTIVITY_DATE_TIME	This is the end of the inactivity date and time of an account.	Maximum of 19 characters. Format: "DD/MM/YYYY HH:MM:SS"		S	O
END_VALIDITY_DATE_TIME	Indicates the validity expiry date and time of an account.	Maximum of 19 characters. Format: "DD/MM/YYYY HH:MM:SS"		S	O
FIRST_EVENT_FLAG	This field indicates whether or not the first event has been done.	<ul style="list-style-type: none"> ◆ 1 = First event done ◆ 0 = First event not done 		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MAIN_BALANCE	This field is the main balance of the current customer account and it is used to create with initial credit.	Value in cents.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
PRICE_PLAN_ID	Price plan change based on update of ARENA field in account object.	<ul style="list-style-type: none"> ◆ 0 = on rate ◆ 1 = off rate ◆ 2 = special1 ◆ 3 = special2 <p>The default value will be set to 0 if the price plan ID is not provided.</p>		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

Table 116: C_ALA-8618IN_WSTR2_CREATE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
SPEND_LIMIT	Indicates the allowable spend limit for a given account. The default value will be set to 0 if the spend limit is not provided, which means NO spending limit.	Values in cents.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 117: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_ACCOUNT	A_ALA-8618IN_WSTR2_CREATE_ACCOUNT

C_ALA-8618IN_WSTR2_CREATE_BUCKET

Create a Bucket instance for an Apollo IN Customer Account.

Table 118: C_ALA-8618IN_WSTR2_CREATE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_START_DATE	The start date and time of the bucket.	Max Length 19. Format:yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_END_DATE	The end date and time of the validity of the bucket.	Max Length 19. Format:yyyy/MM/dd HH:mm:ss.		S	O

Table 118: C_ALA-8618IN_WSTR2_CREATE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
BUCKET_VALIDITY_DAYS	The validity period of the bucket in days.	Either BucketEndDate or BucketValidityDays should be provided. If BucketValidityDays has been provided, BucketEndDate will be ignored.		S	O
BUCKET_VALUE	This is the initial value of the Bucket.	If not provided the default value of 0 is used.		S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 119: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_BUCKET	A_ALA-8618IN_WSTR2_CREATE_BUCKET

C_ALA-8618IN_WSTR2_CREATE_COUNTER

Create a Counter instance for a Apollo IN Customer Account.

Table 120: C_ALA-8618IN_WSTR2_CREATE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R

Table 120: C_ALA-8618IN_WSTR2_CREATE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
COUNTER_ATTR1	The client can use this field provide an initial value for CounterAttr1.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR2	The client can use this field provide an initial value for CounterAttr2.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR3	The client can use this field provide an initial value for CounterAttr3.	This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 121: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_COUNTER	A_ALA-8618IN_WSTR2_CREATE_COUNTER

C_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Interface to create Apollo IN Customer subscription.

Table 122: C_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
SUBSCRIPTION_TERMINATION_DATE	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
SUBSCRIPTION_CREATE_STATE	Reference to the state of the subscription.	Max Length 20		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O

Table 122: C_ALA-8618IN_WSTR2_CREATE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 123: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_CUS_SUB	A_ALA-8618IN_WSTR2_CREATE_CUS_SUB

C_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Creates a new customer.

Table 124: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
ADDRESS	Address of the customer.	Maximum of 150 characters.		S	O
BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30 characters.		S	R
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	R
GL_CODE	This field is a character string. The input of this field is own code the value of which will be translated to GL centre.	Maximum of 10 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O
LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O

Table 124: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MSID	This field identifies the Mobile Set ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
MSID_TYPE	Mobile Set ID type of the current customer account.	<ul style="list-style-type: none"> ◆ MIN (when misdType=0) ◆ IMSI (when misdType=1) ◆ External (when misdType =2) 		S	R
NE_ID_ALA-8618IN	The NE identifier.			S	R
OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1.		S	O
POST_CODE	String for the postal code.	Maximum of 4 characters. Integer.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
BAID	Identifier of the Billing Account ID.	This field is a character string. MaxLength 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 124: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 125: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_CUSTOMER	A_ALA-8618IN_WSTR2_CREATE_CUSTOMER

C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Creates a new customer for version 2-0.

Table 126: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN				S	R
IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	R
MSISDN	The MSISDN ID of the current customer	Max Length 24. Digits only		S	R
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O

Table 126: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O
MSID_TYPE	Mobile SetID type of the current customer account. It can be: 0 or 1 or 2 -MIN (when misdType=0) - IMSI (when misdType=1) - External (when misdType=2)	Max Length 1. Only 0 or 1 or 2		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer	Max Length 30		S	R
CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20			R
ADDRESS	Address of the customer	Max Length 150		S	O
BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
POST_CODE	String for the postal code	Max Length 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating option or optout for marketing	Max Length 1. Only values are: 0 or 1		S	O
LANGUAGE	Indicates the language choice	Max Length 20		S	O

Table 126: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 127: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0	A_ALA-8618IN_WSTR2_CREATE_CUSTOMER_2-0

C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

Links the account to the customer.

Table 128: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	R
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer owning the account.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 129: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT	A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-ACCOUNT

C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Creates a customer subscription.

Table 130: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_OFFER_GROUP	Reference to the service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O

Table 130: C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1.		S	O
SYSTEM_ID	The reference to the service retailer.	Maximum of 20 characters.		S	R
TERMINATION_DATE	Indicates the expiry date of this subscription.	Maximum of 10 characters. Format: DD/MM/YYYY HH:MM:SS		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 131: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION	A_ALA-8618IN_WSTR2_CREATE_CUSTOMER-SUBSCRIPTION

C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST

Creates a name for the friends and family list.

Table 132: C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 133: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST	A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-LIST

C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER

Creates a member of the FNF list.

Table 134: C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 135: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER	A_ALA-8618IN_WSTR2_CREATE_FRIENDSFAMILY-MEMBER

C_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Removes an instance of a SpendLimit associated with the Customer Account.

Table 136: C_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 136: C_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 137: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT	A_ALA-8618IN_WSTR2_DEACTIVATE_SPEND-LIMIT

C_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Display the data associated with a given SpendLimit currently associated with the customer Account.

Table 138: C_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 138: C_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 139: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT	A_ALA-8618IN_WSTR2_DISPLAY_SPEND-LIMIT

C_ALA-8618IN_WSTR2_GET_ACCOUNT

Retrieves the account information.

Table 140: C_ALA-8618IN_WSTR2_GET_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters. Either ACCOUNT_ID or MSISDN must be provided.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.			S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 140: C_ALA-8618IN_WSTR2_GET_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 141: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_ACCOUNT	A_ALA-8618IN_WSTR2_GET_ACCOUNT

C_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Retrieves the account information.

Table 142: C_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN				S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
MSISDN	The identifier of the MSISDN for the current customer	Max Length 24 - digits only. Either ACCOUNT_ID or MSISDN must be provided		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R

Table 142: C_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40. Either ACCOUNT_ID or MSISDN must be provided		S	O
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 143: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0	A_ALA-8618IN_WSTR2_GET_ACCOUNT_2-0

C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Retrieves the account balance information.

Table 144: C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.			S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 144: C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 145: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE	A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE

C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

Retrieves the account balance information for version 2.0

Table 146: C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R

Table 146: C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O
MSISDN	The identifier of the MSISDN for the current customer	Max Length 24 - digits only. Either ACCOUNT_ID or MSISDN must be provided		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 147: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0	A_ALA-8618IN_WSTR2_GET_ACCOUNT-BALANCE_2-0

C_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Retrieves the adjustment and/or top up history of a given MSISDN.

Table 148: C_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	Character string identifier of the current customer.	Maximum of 60 characters.		S	O
FROM_DATE	Date to start search from.	Max Length 10. Format: DD/MM/YYYY		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
NUMBER_OF_RECORDS	This field indicates the maximum number of records to be returned in the output.	Integer. Maximum value of 99999.		S	O
PAGE	This field indicates the Nth page of data. Each page has number of records. The first page always contains the most recent data.	Integer. Maximum value of 999.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 148: C_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
TO_DATE	Date to end search on.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 149: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY	A_ALA-8618IN_WSTR2_GET_ADJUSTMENT-TOPUP-HISTORY

C_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Retrieves the call history of a given customer.

Table 150: C_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	Character string identifier of the current customer.	Maximum of 60 characters.		S	O
FROM_DATE	Restricts search to begin from FROM_DATE.	Maximum of 10 characters. Format DD/MM/YYYY		S	O

Table 150: C_ALA-8618IN_WSTR2_GET_CALL-HISTORY

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
NUMBER_OF_RECORDS	This field indicates the maximum number of records to be returned in the output.	Maximum value 99999. Integer.		S	O
PAGE	This field indicates the Nth page of data. Each page has number of records. The first page always contains the most recent data.	Maximum value 999. Integer.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TO_DATE	Restricts search to end at TO_DATE.	Maximum of 10 characters. Format DD/MM/YYYY		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 151: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CALL-HISTORY	A_ALA-8618IN_WSTR2_GET_CALL-HISTORY

C_ALA-8618IN_WSTR2_GET_CUS_SUB

Interface to return the details of Apollo IN Customer subscription.

Table 152: C_ALA-8618IN_WSTR2_GET_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 152: C_ALA-8618IN_WSTR2_GET_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 153: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CUS_SUB	A_ALA-8618IN_WSTR2_GET_CUS_SUB

C_ALA-8618IN_WSTR2_GET_CUSTOMER

Retrieves the details of a customer.

Table 154: C_ALA-8618IN_WSTR2_GET_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 155: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CUSTOMER	A_ALA-8618IN_WSTR2_GET_CUSTOMER

C_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0

Retrieves the details of a customer.

Table 156: C_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple Apollo IN nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 157: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0	A_ALA-8618IN_WSTR2_GET_CUSTOMER_2-0

C_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

Retrieves the customer account information.

Table 158: C_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 158: C_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 159: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT	A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT

C_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

Retrieves the details of a customer subscription.

Table 160: C_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	This field is a character string identifier of the current customer.	Maximum of 60 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R

Table 160: C_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
SERVICE_OFFER_GROUP	Reference to the service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 161: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION	A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION

C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST

Checks whether a record exists in the FNF list.

Table 162: C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 163: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST	A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-LIST

C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

Checks whether a FNF member exists in the FNF list.

Table 164: C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R
RETURN_DATA_PREFIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 165: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER	A_ALA-8618IN_WSTR2_GET_FRIENDSFAMILY-MEMBER

C_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Retrieves statement details.

Table 166: C_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	String identifier for the current customer.	Maximum of 60 characters.		S	O
FROM_DATE	Date to start search for query.	Maximum of 10 characters. Format is: DD/MM/YYYY		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service provider ID.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TO_DATE	Date to end query results.	Maximum of 10 characters. Format is: DD/MM/YYYY		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 166: C_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

Parameter Name	Description	Range	Default Value	Type	Class
RETURN_DATA_PRE FIX	Parameter to identify ASDLs for multiple nodes.			S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 167: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS	A_ALA-8618IN_WSTR2_GET_STATEMENT-DETAILS

C_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

This request is used to charge a one-off fee to an account.

Table 168: C_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
FEE_RATING_RULE_ID	This field is the identifier of the fee rating rule.	Maximum of 40 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	R
NE_ID_ALA-8618IN	The NE identifier.			S	R

Table 168: C_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
USE_CASE	This field is the identifier of the use case.	Maximum of 40 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 169: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT	A_ALA-8618IN_WSTR2_IMM-CHARGING-REQ_ACCOUNT

C_ALA-8618IN_WSTR2_LIST_BUCKETS

List the Buckets of a Apollo IN Customer Account.

Table 170: C_ALA-8618IN_WSTR2_LIST_BUCKETS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUCKET_ID	BucketID to identify a Bucket.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R

Table 170: C_ALA-8618IN_WSTR2_LIST_BUCKETS

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 171: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_BUCKETS	A_ALA-8618IN_WSTR2_LIST_BUCKETS

C_ALA-8618IN_WSTR2_LIST_COUNTERS

List all the Counters of a Apollo IN Customer Account.

Table 172: C_ALA-8618IN_WSTR2_LIST_COUNTERS

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 172: C_ALA-8618IN_WSTR2_LIST_COUNTERS

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 172: C_ALA-8618IN_WSTR2_LIST_COUNTERS

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 173: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_COUNTERS	A_ALA-8618IN_WSTR2_LIST_COUNTERS

C_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

Lists all the available commercial offers that belong to the service provider ID.

Table 174: C_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

Parameter Name	Description	Range	Default Value	Type	Class
COMMERCIAL_OFFER_NAME	Name of the commercial offer.	Maximum of 30 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 174: C_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 175: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER	A_ALA-8618IN_WSTR2_LIST_COMMERCIAL-OFFER

C_ALA-8618IN_WSTR2_LIST_CUS_SUB

Interface to list all available subscriptions for an Apollo IN Customer.

Table 176: C_ALA-8618IN_WSTR2_LIST_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O

Table 176: C_ALA-8618IN_WSTR2_LIST_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 177: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_CUS_SUB	A_ALA-8618IN_WSTR2_LIST_CUS_SUB

C_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

Lists all the available customer accounts belonged to a given customer.

Table 178: C_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 179: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT	A_ALA-8618IN_WSTR2_LIST_CUSTOMER-ACCOUNT

C_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION

Lists all the available customer subscription belonged to a given customer.

Table 180: C_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the provider ID.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 181: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION	A_ALA-8618IN_WSTR2_LIST_CUSTOMER-SUBSCRIPTION

C_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

Lists of the available FNF list for a given service provider.

Table 182: C_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 183: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS	A_ALA-8618IN_WSTR2_LIST_FRIENDSFAMILY-MEMBERS

C_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Makes adjustments to account balance.

Table 184: C_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the customer account.	Maximum of 40 characters.		S	O
ADJUSTMENT_DATE_TIME	Date adjustment made.	Max Length 19. Format: DD/MM/YYYY HH:MM:SS		S	O
ADJUSTMENT_REASON	Adjustment reason.	Maximum of 40 characters.		S	R
ADJUSTMENT_TYPE	Adjustment type.	Maximum of 20 characters.		S	O
ADJUSTMENT_AMOUNT	Delta value to be applied to the main balance.	Value in cents.		S	R
GL_CENTRE	This field identifies the GL Centre.	Maximum of 10 characters		S	O
GL_CODE	This field identifies the GL Code.	Maximum of 10 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own service provider.	Maximum of 20 characters.		S	O
GST_RATE	This field identifies the GST rate.	Maximum of 100 characters. Value is a percentage. Numeric only		S	O
MERCHANT_ID	This field is used to store the merchant identifier.	Maximum of 32 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R

Table 184: C_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

Parameter Name	Description	Range	Default Value	Type	Class
OLD_ADJUSTMENT_REASON	Adjustment reason.	Maximum of 40 characters.		S	O
OLD_ADJUSTMENT_AMOUNT	Delta value to be applied to the main balance.	Value in cents.		S	O
RECEIPT_ID	This field is used to store the receipt number provided by Billpay.	Maximum of 32 characters.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 185: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT	A_ALA-8618IN_WSTR2_MAKE_ADJUSTMENT

C_ALA-8618IN_WSTR2_MAKE_TOPUP

Makes Top-Up the value to the main balance of a given account.

Table 186: C_ALA-8618IN_WSTR2_MAKE_TOPUP

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	Account ID of the current account.	Maximum of 40 characters.		S	O
AMOUNT	Value of top-up.	Value in cents. Integer value.		S	O
BATCH_ID	This field is used to store the batch identifier.	Maximum of 10 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	R
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_AMOUNT	Value of top-up.	Value in cents. Integer value.		S	O
RECEIPT_ID	Stores the receipt number provided by bill pay	Maximum of 32 characters.		S	O

Table 186: C_ALA-8618IN_WSTR2_MAKE_TOPUP

Parameter Name	Description	Range	Default Value	Type	Class
SERVICE_PROVIDER_ID	Reference to the service provider ID	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TOPUP_ACTIVE_PERIOD	Indicates the top-up duration in days for activity period.	Integer value. Maximum value $2^{15}-1$.		S	O
TOPUP_CHANNEL	Indicates whether the payment channel type is via IVR, FOH, USSD, SMS or OLB.	Maximum of 20 characters.		S	R
TOPUP_DATE	Date of the top-up.	Maximum of 10 characters. Format: DD/MM/YYYY.		S	O
TOPUP_INACTIVE_PERIOD	Indicates the top-up duration in days for inactivity period.	Integer value. Maximum value $2^{15}-1$.		S	O
TOPUP_PROFILE_ID	Used to identify the rule for top-up.	Maximum of 20 characters.		S	O
TOPUP_TYPE	Indicates whether the top-up type is voucher, credit card, debit card or free.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
VOUCHER_PIN	The PIN of the voucher used.	Maximum of 32 characters.		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 187: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MAKE_TOPUP	A_ALA-8618IN_WSTR2_MAKE_TOPUP

C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Creates a closed user group.

Table 188: C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Parameter Name	Description	Range	Default Value	Type	Class
CLOSED_USER_GROUP	Closed user group of the current customer.	Maximum of 30 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_CLOSED_USER_GROUP	Previous closed user group of the current customer.	Maximum of 30 characters.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Transaction identifier	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Table 188: C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 189: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA- 8618IN_WSTR2_MANAGE_CUSTOMER_CUG	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB
	A_ALA- 8618IN_WSTR2_MANAGE_CUSTOMER_CUG

C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0

Manages customer CUG.

Table 190: C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O

Table 190: C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CLOSED_USER_GROUP	Closed User Group of the current Customer.	Max Length 30		S	O
NE_ID_ALA-8618IN				S	R
OLD_CLOSED_USER_GROUP	Previous closed User Group of the current Customer.	Max Length 30		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 191: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0	A_ALA-8618IN_WSTR2_MANAGE_CUSTOMER_CUG_2-0
	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

C_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Manages low credit warning for a given account.

Table 192: C_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
LOW_CREDIT_THRESHOLD_WARN	Indicates the value for the low credit threshold.	Values in cents. Integer value.		S	O
LOW_CREDIT_WARNING_ACT	Indicates whether the low credit threshold warning is enabled/disabled.	0 or 1.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_LOW_CREDIT_THRESHOLD_WARN	Indicates the value for the low credit threshold (used for rollback).	Values in cents. Integer value.		S	O
OLD_LOW_CREDIT_WARNING_ACT	Indicates whether the low credit threshold warning is enabled/disabled (used for rollback).	0 or 1.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R

Table 192: C_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 193: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB
	A_ALA-8618IN_WSTR2_MANAGE_LOW-CREDIT-NOTICE

C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Manages payment trigger based on low credit.

Table 194: C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 194: C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Parameter Name	Description	Range	Default Value	Type	Class
LOW_CREDIT_PAYMENT_TRI_FLAG	Indicates whether the low credit payment trigger is enabled.	0 or 1.		S	O
LOW_CREDIT_PAYMENT_TRI_THRESHOLD	Indicates the value of the low credit payment trigger threshold.	Value in cents. Integer value.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_LOW_CREDIT_PAYMENT_TRI_FLAG	Indicates whether the low credit payment trigger is enabled (used for rollback).	0 or 1.		S	O
OLD_LOW_CREDIT_PAYMENT_TRI_THRESHOLD	Indicates the value of the low credit payment trigger threshold (used for rollback).	Value in cents. Integer value.		S	O
OLD_TOPUP_AMOUNT	Indicates the low credit payment top up amount (used for rollback).	Value in cents. Integer value.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TOPUP_AMOUNT	Indicates the low credit payment top up amount.	Value in cents. Integer value.		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O

Table 194: C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 195: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB
	A_ALA-8618IN_WSTR2_MANAGE_PAY-TRIGGER-LCT

C_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Manages the price plan for a given account.

Table 196: C_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R

Table 196: C_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

Parameter Name	Description	Range	Default Value	Type	Class
OLD_PRICE_PLAN_ID	Reference to the price plan identifier (used for rollback).	0, 1, 2, 3.		S	O
PRICE_PLAN_ID	Reference to the price plan identifier.	0, 1, 2, 3.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 197: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB
	A_ALA-8618IN_WSTR2_MANAGE_PRICE-PLAN

C_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Modifies properties for an existing account.

Table 198: C_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
ACCOUNT_PROFILE	Reference to the service definition to which the current account belongs.	Maximum of 40 characters.		S	O
ACCOUNT_TYPE	This field determines whether the account is prepaid or postpaid. The default value will be inherited from the account profile if the account type is not provided	Maximum of 30 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O

Table 198: C_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 199: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_ACCOUNT	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0
	A_ALA-8618IN_WSTR2_MODIFY_ACCOUNT

C_ALA-8618IN_WSTR2_MODIFY_BUCKET

Modify a Bucket of an Apollo IN Customer Account.

Table 200: C_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_ID	BucketID to identify a Bucket.			S	O
BUCKET_START_DATE	The start date and time of the bucket.	This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O

Table 200: C_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
BUCKET_END_DATE	The end date and time of the validity of the bucket.	The client can use this field to provide a new value of the end date and time of the bucket. This is Datetime field. Max Length 19. Format: yyyy/MM/dd HH:mm:ss.		S	O
BUCKET_ADJUST_VALUE	This field can use to provide an adjustment amount.	+100==>will add 100 units to the bucket.-90==>will deduct 90 units from the bucket. The bucket value however can not go negative.10==>will set the value of the bucket to 10 units.		S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
ADJUSTMENT_TYPE	This field can use to provide an Adjustment Type.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 200: C_ALA-8618IN_WSTR2_MODIFY_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 201: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_BUCKET	A_ALA-8618IN_WSTR2_MODIFY_BUCKET

C_ALA-8618IN_WSTR2_MODIFY_COUNTER

Modify a Counter of a Apollo IN Customer Account.

Table 202: C_ALA-8618IN_WSTR2_MODIFY_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER _ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 202: C_ALA-8618IN_WSTR2_MODIFY_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
COUNTER_ATTR1	The client can use this field provide an initial value for CounterAttr1.	If not provided, a default value of 0 will be used.		S	O

Table 202: C_ALA-8618IN_WSTR2_MODIFY_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
COUNTER_ATTR2	The client can use this field provide an initial value for CounterAttr2.	If not provided, a default value of 0 will be used.		S	O
COUNTER_ATTR3	The client can use this field provide an initial value for CounterAttr3.	This is Datetime field. Max Length 19. Format: DD/MM/YYYY HH:MM:SS.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 203: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_COUNTER	A_ALA-8618IN_WSTR2_MODIFY_COUNTER

C_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Interface to modify the optional fields of Apollo IN Customer subscription.

Table 204: C_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NAME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAME	Reference to the community.	Max Length 40		S	O
SUBSCRIPTION_TERMINATION_DATE	Indicates the expiry date of this subscription.	Max Length 19. Format: dd/MM/yyyy HH:mm:ss.		S	O
SUBSCRIPTION_STATE	New state of the Subscription.	Max Length 20		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current Subscription should be suspended.	Max Length 1. Valid values are 0 or 1		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 204: C_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 205: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUS_SUB	A_ALA-8618IN_WSTR2_MODIFY_CUS_SUB

C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Modifies the customer details.

Table 206: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
ADDRESS	Address of the customer.	Maximum of 150 characters.		S	O

Table 206: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
BIRTHDAY	Birthday of the customer.	Maximum of 10 characters. Format: DD/MM/YYYY		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer.	Maximum of 30 characters.		S	O
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	O
FNF_LIST	This field indicates the friends and family list to which the current identifier belongs.	Maximum of 20 characters.		S	O
GL_CODE	This field is a character string. The input of this field is own code, the value of which will be translated to GL centre.	Maximum of 10 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
IT_CUSTOMER_ID	This field is a character string identifier of the IT customer ID (also referred to as MicaCustomerId).	Maximum of 20 characters.		S	O
LANGUAGE	Indicates the language choice.	Maximum of 20 characters.		S	O
MSID	This field identifies the Mobile Set ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O

Table 206: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
MSID_TYPE	Mobile Set ID type of the current customer account.	<ul style="list-style-type: none"> ◆ MIN (when misdType=0) ◆ IMSI (when misdType=1) ◆ External (when misdType=2) 		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
OPTIN_OPTOUT	Flag indicating optin or optout for marketing.	0 or 1.		S	O
POST_CODE	String for the postal code.	Maximum of 4 characters. Integer.		S	O
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 207: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB
	A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER

C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Modifies the customer details.

It is implemented by the Java method:

`com.mslv.activation.cartridge.ala.x8618in.xwstr2.customer_2_0.modify.generated.ModifyCustomer_2_0Proxy.execute`

Table 208: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
IT_CUSTOMER_ID	This field is a character string identifier of the IT customerID (also referred to as MicaCustomerId)	Max Length 20		S	O
ACCOUNT_ID	This field is the identifier of the current account	Max Length 40		S	O

Table 208: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
MSID	This field identifies the Mobile SetID of the current customer	Max Length 24. Digits only		S	O
MSID_TYPE	Mobile SetID type of the current customer account. It can be: - MIN (when misdType=0) - IMSI (when misdType=1)	Max Length 1. Valid values are 0 or 1 or 2		S	O
COMMERCIAL_OFFER	Reference to the commercial offer of the current customer	Max Length 30		S	O
CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20		S	O
ADDRESS	Address of the customer	Max Length 150		S	O
BIRTHDAY	Birthday of the customer	Max Length 10. Format: DD/MM/YYYY		S	O
GL_CODE	This field is a character string. The input of this field is own code which its value will be translated to GL centre.	Max Length 10		S	O
POST_CODE	String for the postal code	Min and Max Length 4. Integer		S	O
OPTIN_OPTOUT	Flag indicating optin or optout for marketing	Max Length 1. Either 0 or 1		S	O
LANGUAGE	Indicates the language choice	Max Length 20		S	O
USER_ID	Identifier for the current user	Max Length 20		S	R

Table 208: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
FNF_LIST	This field indicates the Friends and Family List to which the current Identifier belongs.	Max Length 20		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 209: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0	A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_2-0
	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

Modifies the account for the customer.

Table 210: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 211: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT	A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT-RB
	A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-ACCOUNT

C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Interface to modify BAID of a Customer.

Table 212: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
BAID	Identifier of the Billing Account ID.	This field is a character string.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R

Table 212: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 213: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID	A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER_BAID

C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Modifies a customer subscription.

Table 214: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ID	This field is a character string identifier of the current customer.	Maximum of 60 characters.		S	O

Table 214: C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_OFFER_GROUP	Reference to the service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
STATE	Reference to the state of the subscription.	Maximum of 20 characters.		S	O
SUBSCRIPTION_FEE_FLAG	Indicates whether the activation and cancellation fees for the current subscription should be suspended.	0 or 1.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TERMINATION_DATE	Indicates the expiry date of this subscription.	Maximum of 10 characters. Format is: DD/MM/YYYY		S	O
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 215: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION	A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION-RB
	A_ALA-8618IN_WSTR2_MODIFY_CUSTOMER-SUBSCRIPTION

C_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Modifies the attributes of a SpendLimit associated with the Customer Account.

Table 216: C_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
SPEND_LIMIT_NAME	Spend Limit Label to identify the Spend Limit Type.			S	R

Table 216: C_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

Parameter Name	Description	Range	Default Value	Type	Class
SPEND_LIMIT_USAGE_COUNT	An initial value for SpendLimitUsageCount	If not provided, a default value of 0 will be used.		S	O
SPEND_LIMIT_THRESHOLD	Spend Limit Label to identify the Spend Limit Type.	The client must provide an initial non-negative value for SpendLimitThreshold.		S	O
SPEND_LIMIT_NEXT_CYCLE_START_DATE	An initial value for the start date of the next cycle.			S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPOSITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPOSITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 217: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT	A_ALA-8618IN_WSTR2_MODIFY_SPEND-LIMIT

C_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Removes an existing account.

Table 218: C_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O

Table 218: C_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 219: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_ACCOUNT	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0
	A_ALA-8618IN_WSTR2_REMOVE_ACCOUNT

C_ALA-8618IN_WSTR2_REMOVE_BUCKET

Remove a Bucket of an Apollo IN Customer Account.

Table 220: C_ALA-8618IN_WSTR2_REMOVE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 220: C_ALA-8618IN_WSTR2_REMOVE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
BUNDLE_LABEL	The client must provide a Bundle Label to identify the Bucket Type.			S	R
BUCKET_ID	BucketID to identify a Bucket.			S	O
ADJUSTMENT_REASON	An Adjustment Reason for this operation.			S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the curent USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O

Table 220: C_ALA-8618IN_WSTR2_REMOVE_BUCKET

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 221: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_BUCKET	A_ALA-8618IN_WSTR2_REMOVE_BUCKET

C_ALA-8618IN_WSTR2_REMOVE_COUNTER

Remove a Counter of an Apollo IN Customer Account.

Table 222: C_ALA-8618IN_WSTR2_REMOVE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER _ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R

Table 222: C_ALA-8618IN_WSTR2_REMOVE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Max Length 40 characters .In the current scope, the solution will always use the default Account associated with the Apollo IN Customer. The solution will ignore this field. This field is included in the interface to provide support for multiple accounts, if required in the future		S	O
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
COUNTER_LABEL	The client must provide a Counter Label to identify the Counter Type.			S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R

Table 222: C_ALA-8618IN_WSTR2_REMOVE_COUNTER

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 223: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_COUNTER	A_ALA-8618IN_WSTR2_REMOVE_COUNTER

C_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Interface to remove Apollo IN Customer subscription.

Table 224: C_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER _ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
SUBSCRIPTION_NA ME	Subscription Name which is internally mapped to a Service Offer Group.	This Subscription name must exist in the Business name mapping table on the Apollo platform.		S	R
COMMUNITY_NAM E	Reference to the community.	Max Length 40		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O

Table 224: C_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 225: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUS_SUB	A_ALA-8618IN_WSTR2_REMOVE_CUS_SUB

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

Removes a customer.

Table 226: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

Parameter Name	Description	Range	Default Value	Type	Class
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 227: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB
	A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0

Remove a customer.

Table 228: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer	Max Length 20		S	R
USER_ID	Identifier for the current user	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 229: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0	A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_2-0
	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Removes link of an account from a customer.

Table 230: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
COMMUNITY	Reference to the community.	Maximum of 40 characters.		S	O
CUSTOMER_ACCOUNT_NAME	Name of the current customer account.	Maximum of 40 characters.		S	R
CUSTOMER_ID	String identifier of a customer.	Maximum of 60 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current customer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 230: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 231: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT	A_ALA-8618IN_WSTR2_GET_CUSTOMER-ACCOUNT-RB
	A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-ACCOUNT

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Interface to remove a Customer and all associated objects.

Table 232: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O

Table 232: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 233: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA	A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_AND_DATA

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST

Removes the FNF list associated with a Customer. Also removes all the associated FNF list members.

Table 234: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST

Parameter Name	Description	Range	Default Value	Type	Class
MCLI	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current Apollo IN Customer.	Max Length 20 characters.		S	R
TRANSACTION_ID	This field is used to register the transaction identifier.	Max Length 32 characters.		S	O
SYSTEM_ID	This field is the identifier of the system user.	Max Length 20 characters.		S	R
USER_ID	This field is the identifier of the current USER.	Max Length 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Max Length 20.		S	O
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 235: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST	C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER_FNFLIST

C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

Removes the customer subscription.

Table 236: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_ID	This field is a character string identifier of the current customer.	Maximum of 60 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The MSISDN ID of the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_OFFER_GROUP	Reference to the service offer group to which the customer subscribes.	Maximum of 40 characters.		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 236: C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 237: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION	A_ALA-8618IN_WSTR2_GET_CUSTOMER-SUBSCRIPTION-RB
	A_ALA-8618IN_WSTR2_REMOVE_CUSTOMER-SUBSCRIPTION

C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

Removes the friends and family list.

Table 238: C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Name of the current FNF list.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R

Table 238: C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

Parameter Name	Description	Range	Default Value	Type	Class
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 239: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST	A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-LIST

C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

Removes a FNF member from a FNF list.

Table 240: C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
FNF_LIST	Reference to the FNF list to which the current identifier belongs.	Maximum of 20 characters.		S	R
FNF_MEMBER_ID	Identifies the current FNF member.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O

Table 240: C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier.			S	R
SERVICE_PROVIDER_ID	Reference to the service retailer.	Maximum of 20 characters.		S	R
SYSTEM_ID	The identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Reference to the transaction ID.	Maximum of 32 characters.		S	O
USER_ID	The identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 241: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER	A_ALA-8618IN_WSTR2_REMOVE_FRIENDSFAMILY-MEMBER

C_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

This request is used to set the "Scratch Card Reload Suspended" flag to suspend or not.

Table 242: C_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

Parameter Name	Description	Range	Default Value	Type	Class
ACCOUNT_ID	This field is the identifier of the current account.	Maximum of 40 characters.		S	O
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
MSISDN	The identifier of the MSISDN for the current customer.	Maximum of 24 characters. Numeric only.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R
OLD_SCRATCH_CARD_SUSPEND_FLAG	This field indicates whether or not the scratch card reload is suspended or blocked. (for rollback).	<ul style="list-style-type: none"> ◆ 1 = Reload is Suspended or blocked ◆ 0 = Reload is not suspended or blocked 		S	O
SCRATCH_CARD_SUSPEND_FLAG	This field indicates whether or not the scratch card reload is suspended or blocked.	<ul style="list-style-type: none"> ◆ 1 = Reload is Suspended or blocked ◆ 0 = Reload is not suspended or blocked 		S	R
SERVICE_PROVIDER_ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R

Table 242: C_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

Parameter Name	Description	Range	Default Value	Type	Class
TRANSACTION_ID	This field is used to register the transaction identifier.	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 243: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG	A_ALA-8618IN_WSTR2_GET_ACCOUNT-RB_2-0
	A_ALA-8618IN_WSTR2_SET_SCRATCH-CARD-SUSPEND-FLAG

C_ALA-8618IN_WSTR2_UPDATES_CUSTOMER-STATUS

Updates the customer status to facilitate temporary suspend.

Table 244: C_ALA-8618IN_WSTR2_UPDATES_CUSTOMER-STATUS

Parameter Name	Description	Range	Default Value	Type	Class
CUSTOMER_STATUS	Administrative status of the current customer.	Maximum of 20 characters.		S	R
GROUP_ID	This field is used to restrict data access specific to its own group.	Maximum of 20 characters.		S	O
NE_ID_ALA-8618IN	The NE identifier.			S	R

Table 244: C_ALA-8618IN_WSTR2_UPDATES_CUSTOMER-STATUS

Parameter Name	Description	Range	Default Value	Type	Class
OLD_CUSTOMER_S TATUS	Previous administrative status of the current customer (for rollback).	Maximum of 20 characters.		S	O
SERVICE_PROVIDER _ID	Reference to the service retailer defining the current account.	Maximum of 20 characters.		S	R
SYSTEM_ID	This field is the identifier of the system user.	Maximum of 20 characters.		S	R
TRANSACTION_ID	Transaction identifier	Maximum of 32 characters.		S	O
USER_ID	This field is the identifier of the current user.	Maximum of 20 characters.		S	R
CUSTOMER_COMPO SITE_ID_TYPE	The identification of an Apollo IN Customer using one of the following keys MSISDN, CustomerID or BAID.			S	R
CUSTOMER_COMPO SITE_ID_VALUE	The value of keys MSISDN, CustomerID or BAID.			S	R

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 245: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_UPDATES_CUSTOMER- STATUS	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB
	A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER- STATUS

C_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

Updates the customer status to facilitate Temporary Suspend for 2.0

Table 246: C_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0

Parameter Name	Description	Range	Default Value	Type	Class
NE_ID_ALA-8618IN	The NE identifier			S	R
SERVICE_PROVIDER_ID	Reference to the Service Retailer defining the current account	Max Length 20		S	R
USER_ID	This field is the identifier of the current USER	Max Length 20		S	R
GROUP_ID	This field is used to restrict data access specific to its own group	Max Length 20		S	O
TRANSACTION_ID	Transaction identifier	Max Length 32		S	O
SYSTEM_ID	This field is the identifier of the system user	Max Length 20		S	R
OLD_CUSTOMER_STATUS	Previous administrative status of the current customer (for rollback)	Max Length 20		S	O
CUSTOMER_STATUS	Administrative status of the current customer	Max Length 20		S	O
MSISDN	The id of MSISDN of the current customer	Max Length 24. Digits only		S	O
CUSTOMER_ID	String identifier of a customer.	Max Length 60		S	O

Mapping to ASDLs

The following table illustrates the CSDL to ASDL mapping for this service.

Table 247: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0	A_ALA-8618IN_WSTR2_UPDATE_CUSTOMER_STATUS_2-0
	A_ALA-8618IN_WSTR2_GET_CUSTOMER-RB_2-0

Configuring ASAP to Support Additional NE Instances

You can configure ASAP to support the NE_ALA-8618IN - NEP configuration using the Service Activation Configuration Tool (SACT). Refer to the *ASAP Administration Guide* for more information.

Below is an example of the Activation.Configuration.XML file for the Alcatel 8618IN cartridge.

```
<?xml version="1.0" encoding="UTF-8"?>
<activationConfig xmlns="http://www.metasolv.com/ServiceActivation/
  2003/ActivationConfig" xmlns:cfg="http://www.mslv.com/studio/acti-
  vation/model/config" xmlns:route="http://www.mslv.com/studio/acti-
  vation/model/routing" xmlns:sm="http://www.metasolv.com/
  ServiceActivation/2003/ServiceModel" xmlns:xsi="http://www.w3.org/
  2001/XMLSchema-instance">
  <connectionPool name="CON_POOL">
    <device name="ALA-8618IN_WSTR2_conn_1">
      <environment>DEVELOPMENT</environment>
      <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </device>
  </connectionPool>
  <element name="NE_ALA-8618IN">
    <vendor>ALA</vendor>
    <technology>8618IN</technology>
    <softwareLoad>WSTR2</softwareLoad>
    <nepServerName>$NEP</nepServerName>
    <primaryPool>CON_POOL</primaryPool>
    <maximumConnections>5</maximumConnections>
    <dropTimeout>1</dropTimeout>
    <spawnThreshold>6</spawnThreshold>
    <killThreshold>3</killThreshold>
    <routingElement name="NE_ALA-8618IN"/>
    <communicationParameter>
      <label>HOSTNAME</label>
      <value>
        <value>ppavwebl.ain.tcxfin.telstra.com.au</value>
      </value>
      <description>Hostname of Alcatel IN</description>
      <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
      <label>HTTP_PORT</label>
      <value>
        <value>8080</value>
      </value>
    </communicationParameter>
  </element>
</activationConfig>
```

```

        </value>
        <description>Port to communicate with Alcatel IN</
description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>ACCOUNT_DIR</label>
        <value>
            <value>soapgw/services/WSAccount</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>ADJUSTMENT_DIR</label>
        <value>
            <value>soapgw/services/WSAdjustment</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>CALLHISTORY_DIR</label>
        <value>
            <value>soapgw/services/WSCallHistory</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>CO_DIR</label>
        <value>
            <value>soapgw/services/WSCO</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>CUSSUB_DIR</label>
        <value>
            <value>soapgw/services/WSCusSub</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>CUSTOMER_DIR</label>
        <value>
            <value>soapgw/services/WSCustomer</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>CUSTOMERACCOUNT_DIR</label>
        <value>
            <value>soapgw/services/WSCustomerAccount</value>

```

```

        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>FNF_DIR</label>
        <value>
            <value>soapgw/services/WSFNF</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>TOPUP_DIR</label>
        <value>
            <value>soapgw/services/WSTopup</value>
        </value>
        <description>Directory Parameter</description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>RESPONSELOG</label>
        <value>
            <value>TRUE</value>
        </value>
        <description>Include SOAP requests and responses in log</
description>
        <lineType>GENERIC_MESSAGE_BASED_CONNECTION</lineType>
    </communicationParameter>
</element>
</activationConfig>

```

Extracting source files

Before you can access an XML file to modify it, you must extract it from the .sar file. Use the following procedure to extract source files from the sar file.

To extract source files

1. If necessary, create a repository directory, copy the .sar file to the new directory and un-jar the sar file.
2. After you un-jar the sar file, you can access the XML files.

Loading a new XML file

When you finish modifying an XML, you must create a new sar file, then restart the cartridge using the new file.

Follow the instructions in [“Testing the installation”](#) on page 14, for directions on how to load a new XML file.

