Oracle Communications ASAP™ Cartridge 1.1 for the Alcatel A1000 DSLAM

Alcatel A1000 DSLAM 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.

For more information on extending a cartridge, refer to the *ASAP Cartridge Development Guide for Service Activation*.

Cartridge content

An ASAP cartridge contains the following:

◆ An interface to the NE

◆ 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

This guide is a reference for system integrators, including managers, designers, programmers, and testers who are responsible for the adaptation and integration of ASAP-based solutions. It assumes that readers possess the following:

◆ 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 A1000 DSLAM 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 this cartridge. It is not a complete ASAP reference guide.

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

◆ **ASAP documentation set**—for detailed information on the ASAP core product.

◆ **ASAP Cartridge Development Guide for Service Activation**—for information on how to extend a cartridge.

The Alcatel A1000 DSLAM cartridge provides the ASAP service configuration and network element (NE) interface to activate DSL services on Alcatel A1000 DSLAM NEs.

Services, features, and options

The ASAP Cartridge for Alcatel A1000 DSLAM supports the following actions related to DSL services.

Table 1: Supported DSL Services

Service	Description
ADSL Service	Creates or removes a subscriber on an ADSL port.
SDSL Service	Creates or removes a subscriber on an SDSL port.
ATM Interface	Creates or removes an ATM interface configuration.
Cross Connects	Creates or removes an ATM PVC cross-connect from an ADSL or SDSL subscriber port to an ATM interface.
Quality of Service (QoS)	Configures QoS parameters on an ATM PVC cross-connect.

Hardware and software requirements

The following sections contain the high-level software and hardware environment requirements for provisioning DSL services using this cartridge, including:

◆ Network element (NE) interface
◆ ASAP version
◆ Operating environment

Network element (NE) interface

This cartridge is designed to operate with the Alcatel A1000 DSLAM NEs.

ASAP version

This cartridge was developed and tested using ASAP 4.6.2.

For information on the operating environment, refer to the ASAP Release Record.

Connecting to the NE

The ASAP cartridge interfaces with the Alcatel A1000 & LiteSpan DSLAMs using the Alcatel 5526 Access Management System (AMS) system via TL1 over TCP/IP.

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Installing and Testing the Cartridge

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

- Downloading the cartridge
- Starting ASAP
- Installing the cartridge
- Uninstalling the cartridge
- Testing the cartridge installation

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

   ```
   mkdir <repository dir>
   ```

2. Untar AlcatelA1000_R1_1.

   ```
   tar xvf AlcatelA1000_R1_1
   ```

3. Copy the resulting /Alcatel_DSLAM_8_X directory and its contents to the repository directory.

   ```
   cp -rf /Alcatel_DSLAM_8_X <repository_dir>
   ```

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>
   Alcatel_DSLAM_8_X
        /README
        /installCartridge
        /uninstallCartridge
        /Alcatel_DSLAM_AMS.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
    ```

2. Ensure the ASAP Daemon (DAM_$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

Run the installation script installCartridge to install the cartridge. You will find this script under /Alcatel_DSLAM_8_X. The script executes the following tasks:

◆ Configures a new Alcatel A1000 DSLAM-specific NEP using the Service Activation Configuration Tool or SACT.

◆ Configures the Alcatel A1000 DSLAM-specific NE using the SACT.

◆ Deploys the Alcatel A1000 DSLAM cartridge service model (only if the Alcatel A1000 DSLAM service model is not yet deployed) using the Service Activation Deployment Tool (SADT).

◆ Copies the Alcatel A1000 DSLAM-specific jar files and the cpp library file 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 from /Alcatel_DSLAM_8_X. At the prompt, type:

   ```
   installCartridge Alcatel_DSLAM_AMS
   ```

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 and cpp library file to the ASAP environment.

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

Uninstalling the cartridge

Run the uninstallation script uninstallCartridge to uninstall the Alcatel A1000 DSLAM cartridge. This script is located under Alcatel_DSLAM_8_X. The script executes the following tasks:

◆ Unconfigures Alcatel A1000 DSLAM-specific NEs using the SACT.

◆ Undeploys the Alcatel A1000 DSLAM cartridge service model (only if the Alcatel A1000 DSLAM service model is already deployed) using the Service Activation Deployment Tool (SADT).

◆ Removes the Alcatel A1000 DSLAM-specific jar files and cpp library file 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 from /Alcatel_DSLAM_8_X. At the prompt, type

    ```
    uninstallCartridge Alcatel_DSLAM_AMS
    ```

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 and cpp library file 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 ASAP 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

The following sections tell you which variables you must configure to use the loopback and live testing modes.

Loopback mode

The following table details the parameters that you must set 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

The following table details the parameters that you must set in ASAP.cfg to test the cartridge in live mode.

Table 3: Live Mode Parameter Settings

Configuration Variable	Parameter Settings	Location
LOOPBACK_ON	0	ASAP.cfg

Modifying Alcatel_DSLAM_8_X_ne_config.xml

Use the following procedure to modify Alcatel_DSLAM_8_X_ne_config.xml .

To modify Alcatel_DSLAM_8_X_ne_config.xml

1. Create a new source directory under /Alcatel_DSLAM_8_X. You can give this directory any appropriate, meaningful name you want to.

   ```
   mkdir <new_source_directory>
   ```

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

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

3. Change directory to <new_source_directory>.

   ```
   cd <new_source_directory>
   ```

4. Un-jar Alcatel_DSLAM_AMS.sar This extracts the contents of the sar file (see Figure 1 on page 11 for an example of the resulting file structure).

   ```
   jar xvf Alcatel_DSLAM_AMS.sar
   ```

5. Edit <new_source_directory>/Alcatel_DSLAM_8_X/common/application_config/ Alcatel_DSLAM_8_X_ne_config.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 Alcatel_DSLAM_AMS.sar in /Alcatel_DSLAM_8_X (That is, use the original sar file that you copied in Step 2 above— see "Uninstalling the cartridge" on page 8 for uninstallation instructions).

8. After you uninstall the cartridge, rename the sar file in /Alcatel_DSLAM_8_X so you have a backup copy of it.

9. Copy the new sar file from <new_source_directory> to /Alcatel_DSLAM_8_X.

10. Reinstall the cartridge (see "Installing the cartridge" on page 7 for installation instructions).

```
META-INF/activation-model.xml
Alcatel/
    DSLAM_8_X/
        DSL/
            sample_wo/
            sarm/
                ne_progs/
                PLSQL/
            control/
                PLSQL/
            nep/
                PLSQL/
            java/
                lib/
            cpp/
                lib/
            service_model/
            common/
            sarm/
                ne_progs/
                PLSQL/
            control/
                PLSQL/
            nep/
                PLSQL/
            java/
                lib/
            cpp/
                lib/
            service_model/
            application_config/
            scripts/
```

Figure 1: File Structure of the Un-Jared .sar File

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
    ```

2. Ensure loop back mode is on. See "Loopback mode" on page 9 for a description of how to set the loop back parameter to "On".

3. Start ASAP by typing:

    ```
    start_asap_sys
    ```

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 in /Alcatel_DSLAM_8_X/sample_wo by typing:

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

    A list of all available suites appears.

    To see the sample work orders, refer to Viewing the sample work orders, below.

    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 l
    ```

    All successful work orders return the 104 state.

    To view the sample work orders provided with this cartridge, refer to the Alcatel A1000 DSLAM cartridge source.

Viewing the sample work orders

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

To view the sample work orders

1. If necessary, create a repository directory under /Alcatel_DSLAM_8_X, copy the sar file to the new directory and un-jar the sar file, as described by Step 1 through Step 4 in "Modifying Alcatel_DSLAM_8_X_ne_config.xml" on page 10.

2. Locate and view the sample work order files under /Alcatel_DSLAM_8_X/<service pack>/sample_wo.

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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 4: 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.
Type	Indicates one of the following parameter types: ◆ S—Scalar, specifies the parameter label transmitted on the ASDL command. ◆ C—Compound, specifies the base name of the compound parameter transmitted on the ASDL command. ◆ I—Indexed, specifies the base name of the ASDL command transmitted on the ASDL command

Table 4: ASDL parameter information

Item	Description
Class	Indicates one of the following parameter classifications: ◆ 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.*

Asynchronous Transfer Mode (ATM)

The Alcatel A1000 DSLAM cartridge provides the following ASDL commands to support ATM service on Alcatel A1000 DSLAM NEs:

◆ A_ALA-DSLAM_8-X_ACT_CRS-VC

◆ A_ALA-DSLAM_8-X_ACT_CRS-VP

◆ A_ALA-DSLAM_8-X_ADD_ATM-PORT

◆ A_ALA-DSLAM_8-X_ADD_ATM-PVCL

◆ A_ALA-DSLAM_8-X_ADD_ATM-PVPL

◆ A_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

◆ A_ALA-DSLAM_8-X_ADD_CAC-PROFILE

◆ A_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

◆ A_ALA-DSLAM_8-X_ADD_CRS-VC

◆ A_ALA-DSLAM_8-X_ADD_CRS-VP

◆ A_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

◆ A_ALA-DSLAM_8-X_DEACT_CRS-VC

◆ A_ALA-DSLAM_8-X_DEACT_CRS-VP

◆ A_ALA-DSLAM_8-X_DEL_ATM-PVCL

◆ A_ALA-DSLAM_8-X_DEL_ATM-PVPL

◆ A_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

◆ A_ALA-DSLAM_8-X_DEL_CAC-PROFILE

◆ A_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

- A_ALA-DSLAM_8-X_DEL_CRS-VC
- A_ALA-DSLAM_8-X_DEL_CRS-VP
- A_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

A_ALA-DSLAM_8-X_ACT_CRS-VC

Activates a VC cross connect. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.actCrsVc.**

Table 5: A_ALA-DSLAM_8-X_ACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
NT_VCL	Access identifier for the ATM Virtual Channel Link in the NT/Server. These parameters are described in Table 6 with their values separated by commas.			C	R

Table 5: A_ALA-DSLAM_8-X_ACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access identifier for the ATM Virtual Channel Link in the LT/Server. These parameters are described in Table 7 with their values separated by commas.			C	R

This table provides parameter values for the NT_VCL parameter.

Table 6: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for NT; 0-4095 for the server		O	
NT_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
NT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
NT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
NT_VCL.SERVVCL.SERV_SLOT	Slot number for the VCL in the server.	1-18		O	
NT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
NT_VCL.SERVVCL.VPI	VPI for the VCL in the server.			O	
NT_VCL.SERVVCL.VCI	VCI for the VCL in the server.			O	

This table provides parameter values for the LT_VCL parameter.

Table 7: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
LT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
LT_VCL.SERVVCL.SERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
LT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
LT_VCL.SERVVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.SERVVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
LT_VCL.LTVCL.RACK	Rack number for the LT circuit.	1-6		O	
LT_VCL.LTVCL.SHELF	Shelf number for the LT circuit.	1-4		O	
LT_VCL.LTVCL.LT_SLOT	LT slot number for the LT circuit.	1-18		O	
LT_VCL.LTVCL.CIRCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
LT_VCL.LTVCL.VPI	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	

Table 7: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.LTVCL.VCI	Virtual Channel Identifier for the LT circuit.	32-65535		O	
LT_VCL.LTIMAVCL. RACK	Rack number for the LT IMA group.	1-6		O	
LT_VCL.LTIMAVCL. SHELF	Shelf number for the LT IMA group.	1-4		O	
LT_VCL.LTIMAVCL. LT_SLOT	LT slot number for the LT IMA group.	1-18		O	
LT_VCL.LTIMAVCL.I MAGRP	IMA group in the LT for the LT IMA group.	1-24		O	
LT_VCL.LTIMAVCL. VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTIMAVCL. VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

A_ALA-DSLAM_8-X_ACT_CRS-VP

Activates a VP cross connect. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.actCrsVp.**

Table 8: A_ALA-DSLAM_8-X_ACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 8: A_ALA-DSLAM_8-X_ACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT. These parameters are described in Table 9 with their values separated by commas.			C	R
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server. These parameters are described in Table 10 with their values separated by commas.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

This table provides parameter values for the NT_VPL parameter.

Table 9: NT_VPL

Parameter name	Description	Range	Default value	Type	Class
NT_VPL.NTVPL.VPI	Virtual Path Identifier	1-4000		O	

This table provides parameter values for the LT_VPL parameter.

Table 10: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.SERVVPL.RACK	Rack number for the VPL in the server.	1-6		O	
LT_VPL.SERVVPL.SHELF	Shelf number for the VPL in the server.	1-4			
LT_VPL.SERVVPL.SERV_SLOT	Server slot number for the VPL in the server.	1-18			
LT_VPL.SERVVPL.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server			
LT_VPL.SERVVPL.VPI	Virtual Path Identifier for the VPL in the server.	1-4095			
LT_VPL.LTVPL.RACK	Rack number for the LT circuit.	1-6			
LT_VPL.LTVPL.SHELF	Shelf number for the LT circuit.	1-4			
LT_VPL.LTVPL.LT_SLOT	LT slot number for the LT circuit.	1-18			
LT_VPL.LTVPL.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server			

Table 10: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.LTVPL.VPI	Virtual Path Identifier for the LT circuit.	1-4095			
LT_VPL.LTIMAVPL. RACK	Rack number for the LT IMA group.	1-6			
LT_VPL.LTIMAVPL.S HELF	Shelf number for the LT IMA group.	1-4			
LT_VPL.LTIMAVPL.L T_SLOT	LT slot number for the LT IMA group.	1-18			
LT_VPL.LTIMAVPL.I MAGRP	IMA group for the LT IMA group.	1-24			
LT_VPL.LTIMAVPL. VPI	Virtual Path Identifier for the LT IMA group.	1-4095			

A_ALA-DSLAM_8-X_ADD_ATM-PORT

Adds an ATM port. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addATMPort.**

Table 11: A_ALA-DSLAM_8-X_ADD_ATM-PORT

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ATMP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 11: A_ALA-DSLAM_8-X_ADD_ATM-PORT

Parameter name	Description	Range	Default value	Type	Class
AID_ATMPORT	Access Identifier for the ATM Port. These parameters are described in Table 12 with their values separated by commas.			C	R
ATMPORT_NBLK	The ATM Port parameter block containing one or more of the named parameters in Table 13 with their values separated by commas.			C	R
ATMP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
ATMP_PST	The required Primary State to be set. The supported options are: ◆ IS—In-Service ◆ OOS—Out-Of-Service			O	R

This table provides parameter values for the AID_ATMPORT parameter.

Table 12: AID_ATMPORT

Parameter name	Description	Range	Default value	Type	Class
AID_ATMPORT.NTATM	ATM port in the NT.			O	
AID_ATMPORT.SERVATM.RACK	Rack number for the ATM port in the server.	1-6		O	
AID_ATMPORT.SERVATM.SHELF	Shelf number for the ATM port in the server.	1-4		O	
AID_ATMPORT.SERVATM.SERV_SLOT	Server slot number for the ATM port in the server.	1-18		O	
AID_ATMPORT.SERVATM.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server		O	
AID_ATMPORT.LTATM.RACK	Rack number of the ATM port for an LT circuit.	1-6		O	
AID_ATMPORT.LTATM.SHELF	Shelf number of the ATM port for an LT circuit.	1-4		O	
AID_ATMPORT.LTATM.LT_SLOT	LT Slot Number of the ATM port for an LT circuit.	1-18		O	
AID_ATMPORT.LTATM.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server		O	
AID_ATMPORT.LTIMAATM.RACK	Rack number of an ATM port for an IMA Group in the LT.	1-6		O	
AID_ATMPORT.LTIMAATM.SHELF	Shelf number of an ATM port for an IMA Group in the LT.	1-4		O	
AID_ATMPORT.LTIMAATM.LT_SLOT	LT slot number of an ATM port for an IMA Group in the LT.	1-18		O	

Table 12: AID_ATMPORT

Parameter name	Description	Range	Default value	Type	Class
AID_ATMPORT. LTIMAATM.IMAGRP	IMA group in the LT of an ATM port for an IMA Group in the LT.	1-24		O	

This table provides parameter values for the ATM_PORT_NBLK parameter.

Table 13: ATMPORT_NBLK

Parameter name	Description	Range	Default value	Type	Class
ATMPORT_NBLK.IF TYPE	The type of interface associated with this port. The following options are supported: ◆ **NT**—NT ATM Interface (NT only). ◆ **LTUSR**—LT User to Network Interface. ◆ **UNI** (LTs only) **LTSUB**—LT Subtending Interface. ◆ **AAI** (LTs only) **SERVER**—Internal Server Interface ISI (Servers only).			O	
ATMPORT_NBLK.CA CPROFDN	Connection Admission and Control Profile index for the downstream direction. It is a numeric index.	1-50		O	
ATMPORT_NBLK.CA CPROFDNNM	Connection Admission and Control Profile name for the downstream direction.			O	
ATMPORT_NBLK.CA CPROFUP	Connection Admission and Control Profile index for the upstream direction. It is a numeric index.	1-50		O	

Table 13: ATMPORT_NBLK

Parameter name	Description	Range	Default value	Type	Class
ATMPORT_NBLK.CACPROFUPNM	Connection Admission and Control Profile name for the upstream direction.			O	
ATMPORT_NBLK.ATMACCPROF	ATM Access Profile index. It is a numeric index.	1-50		O	
ATMPORT_NBLK.ATMACCPROFNM	ATM Access Profile name.			O	
ATMPORT_NBLK.CDVTPROF	The index of the Cell Delay Variation Tolerance (CDVT) profile associated with this port.	1-20, or NULL		O	
ATMPORT_NBLK.CDVTPROFNM	The name of the Cell Delay Variation Tolerance (CDVT) profile associated with this port, or NULL.			O	
ATMPORT_NBLK.NGCRWEIGHT	A weighting factor for the non guaranteed portion of the ATM traffic associated with this port. This is a relative number with higher value giving higher priority.	1-1000,000		O	

A_ALA-DSLAM_8-X_ADD_ATM-PVCL

Adds an ATM PVCL. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addATMPvcl.**

Table 14: A_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 14: A_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
VCL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
AID_VCL	Access Identifier for the ATM Virtual Channel Link. These parameters are described in Table 15 with their values separated by commas.			C	R
VCL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VCL_RCV_TRAFDSC	The Traffic Descriptor profile index for the receive direction.	1-310		S	O
VCL_XMT_TRAFDSC	The Transmit Traffic Descriptor profile index for the transmit direction.	1-310		S	O
VCL_RCV_TRAFDSCNM	The Traffic Descriptor profile name for the receive direction.			S	O

Table 14: A_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
VCL_XMT_TRAFDSCNM	The Traffic Descriptor Profile name for the transmit direction.			S	O
VCL_NBLK	The ATM VCL parameter block containing one or more of the named parameters in Table 16 with their values separated by commas.			C	R

This table provides parameters for the AID_VCL parameter.

Table 15: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the NT.			O	
AID_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the NT.			O	
AID_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
AID_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
AID_VCL.SERVVCL.SERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
AID_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
AID_VCL.SERVVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	

Table 15: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.SERVVCL. VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
AID_VCL.LTVCL.RA CK	Rack number for the LT circuit.	1-6		O	
AID_VCL.LTVCL.SH ELF	Shelf number for the LT circuit.	1-4		O	
AID_VCL.LTVCL.LT _SLOT	LT slot number for the LT circuit.	1-18		O	
AID_VCL.LTVCL.CI RCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
AID_VCL.LTVCL.VP I	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	
AID_VCL.LTVCL.VC I	Virtual Channel Identifier for the LT circuit.	32-65535		O	
AID_VCL.LTIMAVCL .RACK	Rack number for the LT IMA group.	1-6		O	
AID_VCL.LTIMAVCL .SHELF	Shelf number for the LT IMA group.	1-4		O	
AID_VCL.LTIMAVCL .LT_SLOT	LT slot number for the LT IMA group.	1-18		O	
AID_VCL.LTIMAVCL .IMAGRP	IMA group in the LT for the LT IMA group.	1-24		O	

Table 15: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.LTIMAVCL.VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
AID_VCL.LTIMAVCL.VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

This table provides parameters for the VCL_NBLK parameter.

Table 16: VCL_NBLK

Parameter name	Description	Range	Default value	Type	Class
VCL_NBLK.LINKTYPE	The type of VCL. The following options are supported: ◆ **P2P** — Point-to-point connection link (default) ◆ **MPROOT**— Point-to-multipoint connection root link (Only supported for NTVCL and SERVVCL). ◆ **MPLEAF** — Point-to-multipoint connection leaf link (Not supported for NTVCL).				
VCL_NBLK.SEGENDPT	Identifies whether this is the OAM segment endpoint. ◆ **N**—No (default) ◆ **Y**—Yes				

A_ALA-DSLAM_8-X_ADD_ATM-PVPL

Adds an ATM PVPL. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addATMPvpl.

Table 17: A_ALA-DSLAM_8-X_ADD_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VPL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
AID_VPL	Access Identifier for the ATM Virtual Path Link. These parameters are described in Table 18 with their values separated by commas.			C	R
VPL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VPL_RCV_TRAFDSC	The Traffic Descriptor profile index for the receive direction.	1-310		S	O

Table 17: A_ALA-DSLAM_8-X_ADD_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
VPL_XMT_TRAFDSC	The Transmit Traffic Descriptor profile index for the transmit direction.	1-310		S	O
VPL_RCV_TRAFDSC NM	The Traffic Descriptor profile name for the receive direction.			S	O
VPL_XMT_TRAFDS CNM	The Traffic Descriptor Profile name for the transmit direction.			S	O
VPL_NBLK	The ATM VPL parameter block containing one or more of the following named parameters in Table 19 with their values separated by commas.			C	R

This table provides parameters for the AID_VPL parameter.

Table 18: AID_VPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL.NTVPL.VP I	VPI (VPL in an LT)			O	
AID_VPL.SERVVPL. RACK	Rack number	1-6		O	
AID_VPL.SERVVPL. SHELF	Shelf number	1-4		O	
AID_VPL.SERVVPL. SERV_SLOT	Server slot number	1-18		O	
AID_VPL.SERVVPL. CIRCUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server		O	

Table 18: AID_VPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL.SERVVPL. VPI	Virtual Path Identifier	1-4000 for the NT; 1-4095 for the LT/ Server		O	
AID_VPL.LTVPL.RA CK	Rack number	1-6		O	
AID_VPL.LTVPL.SH ELF	Shelf number	1-4		O	
AID_VPL.LTVPL.LT_ SLOT	LT slot number	1-18		O	
AID_VPL.LTVPL.CIR CUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server		O	
AID_VPL.LTVPL.VPI	Virtual Path Identifier	1-4000 for the NT; 1-4095 for the LT/ Server		O	
AID_VPL.LTIMAVPL .RACK	Rack number	1-6		O	
AID_VPL.LTIMAVPL .SHELF	Shelf number	1-4		O	
AID_VPL.LTIMAVPL .LT_SLOT	LT slot number	1-18		O	
AID_VPL.LTIMAVPL .IMAGRP	IMA group in the LT	1-24		O	
AID_VPL.LTIMAVPL .VPI	VPI (VPL in an LT IMA Group)			O	

This table provides parameters for the VPL_NBLK parameter.

Table 19: VPL_NBLK

Parameter name	Description	Range	Default value	Type	Class
VPL_NBLK.LINKTYPE	The type of VPL. The following options are supported: **P2P** — Point-to-point path link (default). **MPROOT**— Point-to-multipoint path root link (Only supported for NTVPL). **MPLEAF** — Point-to-multipoint path leaf link (Not supported for NTVPL and SERVVPL).				
VPL_NBLK.SEGENDPT	Identifies whether this is the OAM segment endpoint. ◆ **N**—No (default) ◆ **Y**—Yes				

A_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

Adds an ATMACC profile. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addATMAccProfile.**

Table 20: A_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 20: A_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ATMACC_TID	The target—identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ATMACC_PROFILE_ ID	The ATM Access Profile index.	1 to 50		S	R
ATMACC_CTAG	The command correlation—tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
ATMACC_PROFILE_ NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
ATMACC_NBLK	The ATM Access Profile parameter block containing one or more of the named parameters in Table 21 with their values separated by commas.			C	R

This table provides parameters for the ATMACC_NBLK parameter.

Table 21: ATMACC_NBLK

Parameter name	Description	Range	Default value	Type	Class
ATMACC_NBLK.GFCMODE	Generic Flow Control (GFC) mode. The following options are supported: ◆ UNI—User / Network Interface (default). ◆ NNI—Network / Network Interface.			O	
ATMACC_NBLK.MAXVPCS	Maximum number of VPCs (Virtual Path Circuits) supported. The value can be: ◆			O	
ATMACC_NBLK.MAXVCCS	Maximum number of VCCs (Virtual Channel Circuits) supported. The value can be: ◆ 0 to 10368 for NT, ◆ 0 to 16 for User LT, ◆ 0 to 2000 for HD/UD Host LT, ◆ 0 to 900 for SD Host LT and ◆ 0 to 2000 for SERV (default= 16).			O	
ATMACC_NBLK.VPIBITS	Number of active VPI (Virtual Path Identifier) bits.	1-12	4	O	
ATMACC_NBLK.VCIBITS	Number of active VCI (Virtual Channel Identifier) bits. The value can be 6 to 16.	6-16	6	O	

Table 21: ATMACC_NBLK

Parameter name	Description	Range	Default value	Type	Class
ATMACC_NBLK.POLICING	Traffic Policing Mode for this interface. The following options are supported: ◆ **NONE**—No Policing ◆ **VCONLY**—Police VC connections only ◆ **ALL**—Police all connections (default)			O	
ATMACC_NBLK.SVCMAXVPI	Maximum VPI value for SVC connections for this interface. The value can be (default= 0).	0-4095	0	O	
ATMACC_NBLK.SVCMINVCI	Minimum VCI value for SVC connections for this interface.	32-65535	48	O	

A_ALA-DSLAM_8-X_ADD_CAC-PROFILE

Adds a CAC profile. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addCacProfile.**

Table 22: A_ALA-DSLAM_8-X_ADD_CAC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
CAC_TID	The target—identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 22: A_ALA-DSLAM_8-X_ADD_CAC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CAC_PROFILE_ID	The numeric identifier of the profile.	1-50		S	R
CAC_CTAG	The command correlation—tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CAC_PROFILE_ NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
CACPROF_NBLK	The ATM CAC Profile parameter block containing one or more of the following named parameters in Table 23 with their values separated by commas.			C	R

This table provides parameters for the CACPROF_NBLK parameter.

Table 23: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CACPROF_NBLK.CB RMAXCON	Maximum Number of UBR Connections.	1* TO 20,000	16	O	
CACPROF_NBLK.CB RBWSECFAC	MCR Security Factor for UBR traffic.	0-100%	25%	O	

Table 23: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CACPROF_NBLK.CBRBUFSECFAC	Maximum number of RT-VBR Connections.	1* to 20,000	16	O	
CACPROF_NBLK.UBRMAXCON	Bandwidth Security Factor for RT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.UBRMCRSECFAC	Buffer Security Factor for RT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.RTVBRMAXCON	Bandwidth Security Factor for the Non-Guaranteed portion (PCR-SCR) of RT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.RTVBRBWSECFAC	Bandwidth Overbooking Factor for RT-VBR traffic.	0-100%		O	
CACPROF_NBLK.RTVBRBUFSECFAC	Bandwidth Security Factor for NRT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.RTVBRNGCRSECFAC	Bandwidth Security Factor for NRT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.RTVBROVRBKFAC	Buffer Security Factor for NRT-VBR traffic.	0-100%	100%	O	
CACPROF_NBLK.NRTVBRMAXCON	Bandwidth Security Factor for the Non-Guaranteed portion (PCR-SCR) of NRT-VBR traffic.	0-100%	0%	O	
CACPROF_NBLK.NRTVBRBWSECFAC	Bandwidth Overbooking Factor for NRT-VBR traffic.	0-100%	0%	O	
CACPROF_NBLK.NRTVBRBUFSECFAC	Bandwidth Security Factor for GFR traffic.	0-100%	25%	O	
CACPROF_NBLK.NRTVBRNGCRSECFAC	Buffer Security Factor for GFR traffic.	0-100%	100%	O	
CACPROF_NBLK.NRTVBRNGCRSECFAC	Bandwidth Overbooking Factor for GFR traffic.	0-100%	100%	O	

Table 23: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CACPROF_NBLK.GFRMAXCON	Bandwidth Security Factor for Aggregate traffic.	0-100%	100%	O	
CACPROF_NBLK.GFRBWSECFAC	Bandwidth Security Factor for the Guaranteed portion of the Aggregate traffic. A value of -1 disables this check.	0-100%	100%	O	
CACPROF_NBLK.GFRBUFSECFAC	Maximum Number of UBR Connections.	1* to 20,000	16	O	
CACPROF_NBLK.GFROVRBKFAC	MCR Security Factor for UBR traffic.	0-100%	25%	O	
CACPROF_NBLK.AGRBWSECFAC	Maximum Number of RT-VBR Connections.	1* to 20,000	16	O	
CACPROF_NBLK.AGRGCRSECFAC	Bandwidth Security Factor for RT-VBR traffic.	0-100%	100%	O	

A_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Adds a CDVT profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addCdvtProfile.

Table 24: A_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
CDVT_TID	The target—identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 24: A_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CDVT_PROFILE_ID	The ATM Cell Delay Variation Tolerance (CDVT) Profile index.	1-20		S	R
CDVT_PROFILE_ NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
CDVT_CTAG	The command correlation—tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CDVTPROF_NBLK	The ATM CDVT Profile parameter block containing one or more of the following named parameters in Table 25 with their values separated by commas.			C	R

This table provides parameters for the CDVTPROF_NBLK parameter.

Table 25: CDVTPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CDVTPROF_NBLK.C DVTCBR	CDVT for CBR SVC connections.	0 to 1000000 micro- seconds	10,000	O	

Table 25: CDVTPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CDVTPROF_NBLK.CDVTRTVBR	CDVT for RT-VBR SVC connections.	0 to 1000000 micro-seconds	10,000	O	
CDVTPROF_NBLK.CDVTNRTVBR	CDVT for NRT-VBR SVC connections.	0 to 1000000 micro-seconds	10,000	O	

A_ALA-DSLAM_8-X_ADD_CRS-VC

Adds a VC cross connect. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addCrsVc.

Table 26: A_ALA-DSLAM_8-X_ADD_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server. These parameters are described in Table 27 with their values separated by commas.			C	R

Table 26: A_ALA-DSLAM_8-X_ADD_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server. These parameters are described in Table 28 with their values separated by commas.			C	R
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VCCC_PST	The required Primary State to be set. The supported options are: ◆ IS (In-Service) ◆ OOS (Out-Of-Service).			S	O

This table provides parameter values for the NT_VCL parameter.

Table 27: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for NT; 0-4095 for the server		O	

Table 27: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
NT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
NT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
NT_VCL.SERVVCL.SERV_SLOT	Slot number for the VCL in the server.	1-18		O	
NT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
NT_VCL.SERVVCL.VPI	VPI for the VCL in the server.			O	
NT_VCL.SERVVCL.VCI	VCI for the VCL in the server.			O	

This table provides parameter values for the LT_VCL parameter.

Table 28: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
LT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
LT_VCL.SERVVCL.SERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
LT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	

Table 28: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.SERVVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.SERVVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
LT_VCL.LTVCL.RACK	Rack number for the LT circuit.	1-6		O	
LT_VCL.LTVCL.SHELF	Shelf number for the LT circuit.	1-4		O	
LT_VCL.LTVCL.LT_SLOT	LT slot number for the LT circuit.	1-18		O	
LT_VCL.LTVCL.CIRCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
LT_VCL.LTVCL.VPI	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTVCL.VCI	Virtual Channel Identifier for the LT circuit.	32-65535		O	
LT_VCL.LTIMAVCL.RACK	Rack number for the LT IMA group.	1-6		O	
LT_VCL.LTIMAVCL.SHELF	Shelf number for the LT IMA group.	1-4		O	
LT_VCL.LTIMAVCL.LT_SLOT	LT slot number for the LT IMA group.	1-18		O	

Table 28: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.LTIMAVCL.IMAGRP	IMA group in the LT for the LT IMA group.	1-24		O	
LT_VCL.LTIMAVCL.VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTIMAVCL.VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

A_ALA-DSLAM_8-X_ADD_CRS-VP

Adds a VP cross connect. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addCrsVp.

Table 29: A_ALA-DSLAM_8-X_ADD_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT. These parameters are described in Table 30 with their values separated by commas.			C	R

Table 29: A_ALA-DSLAM_8-X_ADD_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server. These parameters are described in Table 31 with their values separated by commas.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VPCC_PST	The required Primary State to be set. The supported options are: ◆ IS (In-Service) ◆ OOS (Out-Of-Service).			S	O

This table provides parameter values for the NT_VPL parameter.

Table 30: NT_VPL

Parameter name	Description	Range	Default value	Type	Class
NT_VPL.NTVPL.VPI	Virtual Path Identifier	1-4000		O	

This table provides parameter values for the LT_VPL parameter.

Table 31: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.SERVVPL.RACK	Rack number for the VPL in the server.	1-6		O	
LT_VPL.SERVVPL.SHELF	Shelf number for the VPL in the server.	1-4			
LT_VPL.SERVVPL.SERV_SLOT	Server slot number for the VPL in the server.	1-18			
LT_VPL.SERVVPL.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server			
LT_VPL.SERVVPL.VPI	Virtual Path Identifier for the VPL in the server.	1-4095			
LT_VPL.LTVPL.RACK	Rack number for the LT circuit.	1-6			
LT_VPL.LTVPL.SHELF	Shelf number for the LT circuit.	1-4			
LT_VPL.LTVPL.LT_SLOT	LT slot number for the LT circuit.	1-18			
LT_VPL.LTVPL.CIRCUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server			
LT_VPL.LTVPL.VPI	Virtual Path Identifier for the LT circuit.	1-4095			
LT_VPL.LTIMAVPL.RACK	Rack number for the LT IMA group.	1-6			
LT_VPL.LTIMAVPL.SHELF	Shelf number for the LT IMA group.	1-4			
LT_VPL.LTIMAVPL.LT_SLOT	LT slot number for the LT IMA group.	1-18			

Table 31: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.LTIMAVPL.IMAGRP	IMA group for the LT IMA group.	1-24			
LT_VPL.LTIMAVPL.VPI	Virtual Path Identifier for the LT IMA group.	1-4095			

A_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Adds a traffic descriptor profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.addTraffDescProfile.

Table 32: A_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
TRAFDSC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
TRAFDSC_PROFILE_ID	The numeric identifier of the profile.	1-310		S	R

Table 32: A_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
TRAFDSC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
TRAFDSC_PROFILE _NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
TRAFDSC_TYPE	Traffic Descriptor Service Category Type.			S	O
TRAFDSC_NBLK	The ATM Traffic Descriptor profile parameter block containing one or more of the named parameters in Table 33 with their values separated by commas.			C	R

This table provides parameters for the TRAFDSC_NBLK parameter. These values are added to MML based on parameter TRAFDSC_TYPE value.

Table 33: TRAFDSC_NBLK

Parameter name	Description	Range	Default value	Type	Class
TRAFDSC_NBLK.FRAMEDESC	Should the frame discard be supported for this connection as opposed to normal cell discard? The value may be: ◆ Y—Yes ◆ N—No (default = 'Y' for trafdsc_type GFR1/GFR2; 'N' otherwise)			O	
TRAFDSC_NBLK.CLP1PCR	Peak Cell Rate in cells per second.	0-353207		O	
TRAFDSC_NBLK.CDVT	Cell Delay Variation Tolerance (CDVT) in microseconds.	0 to 1000000	10000	O	
TRAFDSC_NBLK.CLP1MCR	Peak Cell Rate in Cells per second.	0-353207		O	
TRAFDSC_NBLK.CLP1SCR	Minimum Cell Rate in Cells per second.	0-353207	0	O	
TRAFDSC_NBLK.MBS	Maximum Burst Size in cells.	1-10,000	32	O	
TRAFDSC_NBLK.CLP0SCR	Sustained Cell Rate in Cells per second.	0-353207		O	
TRAFDSC_NBLK.MFS	Maximum Frame Size in cells.	1-10000	32	O	

A_ALA-DSLAM_8-X_DEACT_CRS-VC

Deactivates a VC cross connect. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.deactCrsVc.

Table 34: A_ALA-DSLAM_8-X_DEACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server. These parameters are described in Table 35 with their values separated by commas.			C	R

Table 34: A_ALA-DSLAM_8-X_DEACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server. These parameters are described in Table 36 with their values separated by commas.			C	R

This table provides parameter values for the NT_VCL parameter.

Table 35: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for NT; 0-4095 for the server		O	
NT_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
NT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
NT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
NT_VCL.SERVVCL.SERV_SLOT	Slot number for the VCL in the server.	1-18		O	
NT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
NT_VCL.SERVVCL.VPI	VPI for the VCL in the server.			O	
NT_VCL.SERVVCL.VCI	VCI for the VCL in the server.			O	

This table provides parameter values for the LT_VCL parameter.

Table 36: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
LT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
LT_VCL.SERVVCL.SERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
LT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	
LT_VCL.SERVVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.SERVVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
LT_VCL.LTVCL.RACK	Rack number for the LT circuit.	1-6		O	
LT_VCL.LTVCL.SHELF	Shelf number for the LT circuit.	1-4		O	
LT_VCL.LTVCL.LT_SLOT	LT slot number for the LT circuit.	1-18		O	
LT_VCL.LTVCL.CIRCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
LT_VCL.LTVCL.VPI	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	

Table 36: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.LTVCL.VCI	Virtual Channel Identifier for the LT circuit.	32-65535		O	
LT_VCL.LTIMAVCL. RACK	Rack number for the LT IMA group.	1-6		O	
LT_VCL.LTIMAVCL. SHELF	Shelf number for the LT IMA group.	1-4		O	
LT_VCL.LTIMAVCL. LT_SLOT	LT slot number for the LT IMA group.	1-18		O	
LT_VCL.LTIMAVCL.I MAGRP	IMA group in the LT for the LT IMA group.	1-24		O	
LT_VCL.LTIMAVCL. VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTIMAVCL. VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

A_ALA-DSLAM_8-X_DEACT_CRS-VP

Deactivates a VP cross connect. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.deactCrsVp.

Table 37: A_ALA-DSLAM_8-X_DEACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 37: A_ALA-DSLAM_8-X_DEACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT. These parameters are described in Table 38 with their values separated by commas.			C	R
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server. These parameters are described in Table 39 with their values separated by commas.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

This table provides parameter values for the NT_VPL parameter.

Table 38: NT_VPL

Parameter name	Description	Range	Default value	Type	Class
NT_VPL.NTVPL.VPI	Virtual Path Identifier	1-4000		O	

This table provides parameter values for the LT_VPL parameter.

Table 39: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.SERVVPL.RACK	Rack number for the VPL in the server.	1-6		O	
LT_VPL.SERVVPL.SHELF	Shelf number for the VPL in the server.	1-4			
LT_VPL.SERVVPL.SERV_SLOT	Server slot number for the VPL in the server.	1-18			
LT_VPL.SERVVPL.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server			
LT_VPL.SERVVPL.VPI	Virtual Path Identifier for the VPL in the server.	1-4095			
LT_VPL.LTVPL.RACK	Rack number for the LT circuit.	1-6			
LT_VPL.LTVPL.SHELF	Shelf number for the LT circuit.	1-4			
LT_VPL.LTVPL.LT_SLOT	LT slot number for the LT circuit.	1-18			
LT_VPL.LTVPL.CIRCUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server			

Table 39: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.LTVPL.VPI	Virtual Path Identifier for the LT circuit.	1-4095			
LT_VPL.LTIMAVPL. RACK	Rack number for the LT IMA group.	1-6			
LT_VPL.LTIMAVPL.S HELF	Shelf number for the LT IMA group.	1-4			
LT_VPL.LTIMAVPL.L T_SLOT	LT slot number for the LT IMA group.	1-18			
LT_VPL.LTIMAVPL.I MAGRP	IMA group for the LT IMA group.	1-24			
LT_VPL.LTIMAVPL. VPI	Virtual Path Identifier for the LT IMA group.	1-4095			

A_ALA-DSLAM_8-X_DEL_ATM-PVCL

Deletes an ATM PVCL. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delATMPvcl.**

Table 40: A_ALA-DSLAM_8-X_DEL_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VCL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 40: A_ALA-DSLAM_8-X_DEL_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL	Access Identifier for the ATM Virtual Channel Link. These parameters are described in Table 41 with their values separated by commas.			C	R
VCL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R

This table provides parameters for the AID_VCL parameter.

Table 41: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the NT.			O	
AID_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the NT.			O	
AID_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
AID_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	

Table 41: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.SERVVCL. SERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
AID_VCL.SERVVCL. CIRCUIT	Circuit for the VCL in the server.	1		O	
AID_VCL.SERVVCL. VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	
AID_VCL.SERVVCL. VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
AID_VCL.LTVCL.RA CK	Rack number for the LT circuit.	1-6		O	
AID_VCL.LTVCL.SH ELF	Shelf number for the LT circuit.	1-4		O	
AID_VCL.LTVCL.LT _SLOT	LT slot number for the LT circuit.	1-18		O	
AID_VCL.LTVCL.CI RCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
AID_VCL.LTVCL.VP I	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	
AID_VCL.LTVCL.VC I	Virtual Channel Identifier for the LT circuit.	32-65535		O	
AID_VCL.LTIMAVCL .RACK	Rack number for the LT IMA group.	1-6		O	

Table 41: AID_VCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL.LTIMAVCL .SHELF	Shelf number for the LT IMA group.	1-4		O	
AID_VCL.LTIMAVCL .LT_SLOT	LT slot number for the LT IMA group.	1-18		O	
AID_VCL.LTIMAVCL .IMAGRP	IMA group in the LT for the LT IMA group.	1-24		O	
AID_VCL.LTIMAVCL .VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
AID_VCL.LTIMAVCL .VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

A_ALA-DSLAM_8-X_DEL_ATM-PVPL

Deletes an ATM PVPL. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delATMPvpl.

Table 42: A_ALA-DSLAM_8-X_DEL_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VPL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 42: A_ALA-DSLAM_8-X_DEL_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL	Access Identifier for the ATM Virtual Path Link. These parameters are described in Table 43 with their values separated by commas.			C	R
VPL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R

This table provides parameters for the AID_VPL parameter.

Table 43: AID_VPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL.NTVPL.VPI	VPI (VPL in an LT)			O	
AID_VPL.SERVVPL.RACK	Rack number	1-6		O	
AID_VPL.SERVVPL.SHELF	Shelf number	1-4		O	
AID_VPL.SERVVPL.SERV_SLOT	Server slot number	1-18		O	

Table 43: AID_VPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL.SERVVPL. CIRCUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server		O	
AID_VPL.SERVVPL. VPI	Virtual Path Identifier	1-4000 for the NT; 1-4095 for the LT/ Server		O	
AID_VPL.LTVPL.RA CK	Rack number	1-6		O	
AID_VPL.LTVPL.SH ELF	Shelf number	1-4		O	
AID_VPL.LTVPL.LT_ SLOT	LT slot number	1-18		O	
AID_VPL.LTVPL.CIR CUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server		O	
AID_VPL.LTVPL.VPI	Virtual Path Identifier	1-4000 for the NT; 1-4095 for the LT/ Server		O	
AID_VPL.LTIMAVPL .RACK	Rack number	1-6		O	
AID_VPL.LTIMAVPL .SHELF	Shelf number	1-4		O	
AID_VPL.LTIMAVPL .LT_SLOT	LT slot number	1-18		O	
AID_VPL.LTIMAVPL .IMAGRP	IMA group in the LT	1-24		O	

Table 43: AID_VPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL.LTIMAVPL.VPI	VPI (VPL in an LT IMA Group)			O	

A_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

Deletes an ATMACC profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delATMAccProfile.

Table 44: A_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ATMACC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ATMACC_PROFILE_ID	The ATM Access Profile index.	1-50		S	R
ATMACC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

A_ALA-DSLAM_8-X_DEL_CAC-PROFILE

Deletes a CAC profile. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delCacProfile.**

Table 45: A_ALA-DSLAM_8-X_DEL_CAC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
CAC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
CAC_PROFILE_ID	The numeric identifier of the profile.	1-50		S	R
CAC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

A_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

Deletes a CDVT profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delCdvtProfile.

Table 46: A_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
CDVT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
CDVT_PROFILE_ID	The ATM Cell Delay Variation Tolerance (CDVT) Profile index.	1-20		S	R
CDVT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

A_ALA-DSLAM_8-X_DEL_CRS-VC

Deletes a VC cross connect. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delCrsVc.**

Table 47: A_ALA-DSLAM_8-X_DEL_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server. These parameters are described in Table 48 with their values separated by commas.			C	R
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server. These parameters are described in Table 49 with their values separated by commas.			C	R

Table 47: A_ALA-DSLAM_8-X_DEL_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

This table provides parameter values for the NT_VCL parameter.

Table 48: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.NTVCL.VPI	Virtual Path Identifier for the VCL in the server.	0-4000 for NT; 0-4095 for the server		O	
NT_VCL.NTVCL.VCI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
NT_VCL.SERVVCL.RACK	Rack number for the VCL in the server.	1-6		O	
NT_VCL.SERVVCL.SHELF	Shelf number for the VCL in the server.	1-4		O	
NT_VCL.SERVVCL.SERV_SLOT	Slot number for the VCL in the server.	1-18		O	
NT_VCL.SERVVCL.CIRCUIT	Circuit for the VCL in the server.	1		O	

Table 48: NT_VCL

Parameter name	Description	Range	Default value	Type	Class
NT_VCL.SERVVCL. VPI	VPI for the VCL in the server.			O	
NT_VCL.SERVVCL. VCI	VCI for the VCL in the server.			O	

This table provides parameter values for the LT_VCL parameter.

Table 49: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.SERVVCL.R ACK	Rack number for the VCL in the server.	1-6		O	
LT_VCL.SERVVCL.S HELF	Shelf number for the VCL in the server.	1-4		O	
LT_VCL.SERVVCL.S ERV_SLOT	Server slot number for the VCL in the server.	1-18		O	
LT_VCL.SERVVCL.C IRCUIT	Circuit for the VCL in the server.	1		O	
LT_VCL.SERVVCL.V PI	Virtual Path Identifier for the VCL in the server.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.SERVVCL.V CI	Virtual Channel Identifier for the VCL in the server.	32-65535		O	
LT_VCL.LTVCL.RAC K	Rack number for the LT circuit.	1-6		O	
LT_VCL.LTVCL.SHE LF	Shelf number for the LT circuit.	1-4		O	
LT_VCL.LTVCL.LT_S LOT	LT slot number for the LT circuit.	1-18		O	

Table 49: LT_VCL

Parameter name	Description	Range	Default value	Type	Class
LT_VCL.LTVCL.CIRCUIT	Circuit in the LT/server for the LT circuit.	1-24 for the LT; 1 for the server		O	
LT_VCL.LTVCL.VPI	Virtual Path Identifier for the LT circuit.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTVCL.VCI	Virtual Channel Identifier for the LT circuit.	32-65535		O	
LT_VCL.LTIMAVCL.RACK	Rack number for the LT IMA group.	1-6		O	
LT_VCL.LTIMAVCL.SHELF	Shelf number for the LT IMA group.	1-4		O	
LT_VCL.LTIMAVCL.LT_SLOT	LT slot number for the LT IMA group.	1-18		O	
LT_VCL.LTIMAVCL.IMAGRP	IMA group in the LT for the LT IMA group.	1-24		O	
LT_VCL.LTIMAVCL.VPI	Virtual Path Identifier for the LT IMA group.	0-4000 for the NT; 0-4095 for the server		O	
LT_VCL.LTIMAVCL.VCI	Virtual Channel Identifier for the LT IMA group.	32-65535		O	

A_ALA-DSLAM_8-X_DEL_CRS-VP

Deletes a VP cross connect. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delCrsVp.**

Table 50: A_ALA-DSLAM_8-X_DEL_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT. These parameters are described in Table 51 with their values separated by commas.			C	R
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server. These parameters are described in Table 52 with their values separated by commas.			C	R

Table 50: A_ALA-DSLAM_8-X_DEL_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

This table provides parameter values for the NT_VPL parameter.

Table 51: NT_VPL

Parameter name	Description	Range	Default value	Type	Class
NT_VPL.NTVPL.VPI	Virtual Path Identifier	1-4000		O	

This table provides parameter values for the LT_VPL parameter.

Table 52: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.SERVVPL.RACK	Rack number for the VPL in the server.	1-6		O	
LT_VPL.SERVVPL.SHELF	Shelf number for the VPL in the server.	1-4			
LT_VPL.SERVVPL.SERV_SLOT	Server slot number for the VPL in the server.	1-18			

Table 52: LT_VPL

Parameter name	Description	Range	Default value	Type	Class
LT_VPL.SERVVPL.CIRCUIT	Circuit in the LT/server.	1-24 for the LT; 1 for the server			
LT_VPL.SERVVPL.VPI	Virtual Path Identifier for the VPL in the server.	1-4095			
LT_VPL.LTVPL.RACK	Rack number for the LT circuit.	1-6			
LT_VPL.LTVPL.SHELF	Shelf number for the LT circuit.	1-4			
LT_VPL.LTVPL.LT_SLOT	LT slot number for the LT circuit.	1-18			
LT_VPL.LTVPL.CIRCUIT	Circuit in the LT/server	1-24 for the LT; 1 for the server			
LT_VPL.LTVPL.VPI	Virtual Path Identifier for the LT circuit.	1-4095			
LT_VPL.LTIMAVPL.RACK	Rack number for the LT IMA group.	1-6			
LT_VPL.LTIMAVPL.SHELF	Shelf number for the LT IMA group.	1-4			
LT_VPL.LTIMAVPL.LT_SLOT	LT slot number for the LT IMA group.	1-18			
LT_VPL.LTIMAVPL.IMAGRP	IMA group for the LT IMA group.	1-24			
LT_VPL.LTIMAVPL.VPI	Virtual Path Identifier for the LT IMA group.	1-4095			

A_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Deletes the traffic descriptor profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.ATMProv.delTraffDescProfile.

Table 53: A_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
TRAFDSC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
TRAFDSC_PROFILE_ID	The numeric identifier of the profile.	1-310		S	R
TRAFDSC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Digital Subscriber Line (DSL)

The Alcatel A1000 DSLAM cartridge provides the following ASDL commands to support
DSL service on Alcatel A1000 DSLAM NEs:

◆ A_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

◆ A_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

◆ A_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

- ◆ A_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE
- ◆ A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE
- ◆ A_ALA-DSLAM_8-X_ADD_ADSL-PORT
- ◆ A_ALA-DSLAM_8-X_ADD_ADSL-PROFILE
- ◆ A_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE
- ◆ A_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS
- ◆ A_ALA-DSLAM_8-X_DEL_ADSL-PORT
- ◆ A_ALA-DSLAM_8-X_DEL_DSL-PROFILE
- ◆ A_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

A_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

Activates an ADSL profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.actDSLProfile.

Table 54: A_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLACT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLACT_PROFILE_ID	The ADSL profile index.	1-40		S	R
ADSLACT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

A_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

Adds an ADSL common profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLCommonProfile.

Table 55: A_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLCOM_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLCOM_PROFILE_ID	The ADSL profile index.	1-40		S	R
ADSLCOM_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLCOM_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 56 with their values separated by commas.			C	R

This table provides parameter values for the ADSLCOM_NBLK parameter

Table 56: ADSLCOM_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLCOM_NBLK. ALWPROPGLITE	Should the modem enable Alcatel proprietary extension features for a G.Lite ATU-R (only supported for Alcatel ATU-R). Values include: ◆ YES (default) ◆ NO			O	
ADSLCOM_NBLK.A LWPROPGDMT	Should the modem enable Alcatel proprietary extension features for a G.DMT ATU-R (only supported for Alcatel ATU-R). Values include: ◆ YES (default) ◆ NO			O	
ADSLCOM_NBLK.A LWPWRCTL	Should the modem enable Alcatel proprietary power-management feature for this line (only supported for Alcatel ATU–R). Values include: ◆ YES (default) ◆ NO			O	

A_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

Adds an ADSL DMT profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLDmtProfile.

Table 57: A_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLMSK_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLMSK_PROFILE_ID	The ADSL profile index.	1-40		S	R
ADSLMSK_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLMSK_NBLK	The parameter block containing one or more of the named parameters in Table 58 separated with their values separated by commas for provisioning the ADSL DMT carrier mask.			C	R

This table provides parameter values for the ADSLMSK_NBLK parameter.

Table 58: ADSLMSK_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLMSK_NBLK.CMASK0	Bitmap for carriers 0 to 31. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK1	Bitmap for carriers 32 to 63. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK2	Bitmap for carriers 64 to 95. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK3	Bitmap for carriers 96 to 127. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK4	Bitmap for carriers 128 to 159. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK5	Bitmap for carriers 160 to 191. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK6	Bitmap for carriers 192 to 223. The value is H'00000000 to H'FFFFFFFF.			O	
ADSLMSK_NBLK.CMASK7	Bitmap for carriers 224 to 255. The value is H'00000000 to H'FFFFFFFF.			O	

A_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

Adds an ADSL downstream profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLDownstreamProfile.

Table 59: A_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLDN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLDN_PROFILE_ID	The ADSL profile index.	1-40		S	R
ADSLDN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the named parameters in Table 60 with their values separated by commas.			C	R

This table provides parameter values for the ADSLPROF_NBLK parameter.

Table 60: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK. MINNMR	Minimum Noise Margin	0-31 dB	0	O	
ADSLPROF_NBLK.T NMR	Target Noise Margin	0-31 dB	6	O	
ADSLPROF_NBLK.M AXPSD	Maximum Power Spectral Density	-52 to -34 dBm/ Hz	-40	O	
ADSLPROF_NBLK.M AXAPLVL	Maximum Aggregate Power Level in dBm.	0-20	20	O	
ADSLPROF_NBLK.R AMODE	Rate Adaptive Mode. The following options are supported: MANUAL (Manually selected at startup).			O	
ADSLPROF_NBLK.PI BR	AT_INIT (Automatically selected at startup). Planned interleaved-channel bit-rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.M AXIBR	Maximum interleaved–channel bit–rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.M INIBR	Minimum interleaved–channel bit–rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.M AXIDEL	Maximum delay allowed for the interleaved-channel. This parameter determines the interleave-depth to be used by the modem.Values include: ◆ LOW ◆ MEDIUM ◆ HIGH (default)			O	

Table 60: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK.PFBR	Planned fast-channel bit-rate in kbps.	0-65535	1536	O	
ADSLPROF_NBLK.MAXFBR	Maximum fast-channel bit-rate in kbps.	0-65535	6144	O	
ADSLPROF_NBLK.MINFBR	Minimum fast-channel bit-rate in kbps.	0-65535	1024	O	

A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Adds an ADSL line profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLLineProfile.

Table 61: A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLLP_PROFILE_ID	The ADSL profile index.	1-40		S	R

Table 61: A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 62 with their values separated by commas.			C	R

This table provides parameter values for the ADSLPROF_NBLK parameter.

Table 62: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK.MINNMR	Minimum Noise Margin.	0-31 dB	0	O	
ADSLPROF_NBLK.MAXNMR	Maximum Additional Noise Margin	0-31 dB	31	O	
ADSLPROF_NBLK.TNMR	Target Noise Margin	0-31 dB	6	O	
ADSLPROF_NBLK.MAXPSD	Maximum Power Spectral Density	-52 to -34 dBm/Hz)	-40	O	
ADSLPROF_NBLK.MAXAPLVL	Maximum Aggregate Power Level in dBm.	0-20	20	O	

Table 62: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK.RAMODE	Rate Adaptive Mode. The following options are supported: MANUAL (Manually selected at startup).			O	
ADSLPROF_NBLK.PIBR	AT_INIT (Automatically selected at startup Planned interleaved channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MAXIBR	Maximum interleaved--channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MINIBR	Minimum interleaved--channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MAXIDEL	Maximum delay allowed for the interleaved channel. This parameter determines the interleave--depth to be used by the modem. Values include: ◆ LOW ◆ MEDIUM ◆ HIGH (default).			O	
ADSLPROF_NBLK.PFBR	Planned fast channel bit rate in kbps. Value may be 0 to 65535. (default = 1536).	0-65535	1536	O	
ADSLPROF_NBLK.MAXFBR	Maximum fast channel bit--rate in kbps. Value may be 0 to 65535. (default = 6144).	0-65535	6144	O	
ADSLPROF_NBLK.MINFBR	Minimum fast channel bit rate in kbps. Value may be 0 to 65535. (default = 1024).	0-65535	1024	O	

A_ALA-DSLAM_8-X_ADD_ADSL-PORT

Adds an ADSL Port. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLPort.

Table 63: A_ALA-DSLAM_8-X_ADD_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLP_PST	The required Primary State to be set. The supported options are: ◆ IN (In-Service) ◆ OOS (Out-Of-Service).			S	O
AID_ADSL	Access Identifier for the ADSL line.			C	R

Table 63: A_ALA-DSLAM_8-X_ADD_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
ADSL_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 64 with their values separated by commas.			C	R

This table provides parameter values for the ADSL_NBLK parameter.

Table 64: ADSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSL_NBLK.PORTID	Port identifier. This is a non-case-sensitive string label (up to 32 characters long) identifying the user this port has been assigned to. Following reserved values may not be specified by the operator: ◆ AVAILABLE—Indicates the port is free (not assigned). ◆ FAULTY—Indicates a failed port that cannot be assigned.			O	
ADSL_NBLK.ADSLPROF	ADSL Line Profile Index. It is a numeric index.	1-40		O	
ADSL_NBLK.ADSLPROFNM	ADSL Line Profile name.			O	

A_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Adds an ADSL profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLProfile.

Table 65: A_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLPROF_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLPROF_ PROFILE_ID	The ADSL profile index.	1-40		S	R
ADSLPROF_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLPROF_PRO FILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R

Table 65: A_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_ LATENCY	The latency of the ADSL line. Options include: ◆ FAST—Only ADSL Fast channel supported. ◆ INTERLEAVED— Only ADSL Interleaved channel supported.			S	O

A_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Adds an ADSL upstream profile. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addDSLUpstreamProfile.**

Table 66: A_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLUP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLUP_PROFILE_ ID	The ADSL profile index.	1-40		S	R

Table 66: A_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLUP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 67 with their values separated by commas.			C	R

This table provides parameter values for the ADSLPROF_NBLK parameter.

Table 67: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK. MINNMR	Minimum Noise Margin.	0-31 dB	0	O	
ADSLPROF_NBLK.M AXNMR	Maximum Additional Noise Margin.	0-31 dB	31	O	
ADSLPROF_NBLK.T NMR	Target Noise Margin.	0-31 dB	6	O	
ADSLPROF_NBLK.M AXPSD	Maximum Power Spectral Density.	-52 to -34 dBm/ Hz	-40	O	
ADSLPROF_NBLK.M AXAPLVL	Maximum Aggregate Power Level in dBm.	0-20	20	O	

Table 67: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK.RAMODE	Rate Adaptive Mode. The following options are supported: MANUAL (Manually selected at startup).			O	
ADSLPROF_NBLK.PIBR	AT_INIT (Automatically selected at startup). Planned interleaved channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MAXIBR	Maximum interleaved channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MINIBR	Minimum interleaved channel bit rate in kbps.	0-65535	0	O	
ADSLPROF_NBLK.MAXIDEL	Maximum delay allowed for the interleaved channel. This parameter determines the interleave depth to be used by the modem.	LOW, MEDIUM or HIGH	HIGH	O	
ADSLPROF_NBLK.PFBR	Planned fast channel bit rate in kbps.	0-65535	1536	O	
ADSLPROF_NBLK.MAXFBR	Maximum fast channel bit--rate in kbps.	0-65535	6144	O	
ADSLPROF_NBLK.MINFBR	Minimum fast channel bit rate in kbps.	0-65535	1024	O	

A_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Adds an SHDSL parameters. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.addSHDSLParams.

Table 68: A_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 68: A_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
SHDSL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SHDSL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	R
SHDSL_NUM_REPE ATERS	Number of repeaters provisioned for this SHDSL span.			S	O
SHDSL_PST	The required Primary State to be set. The supported options are: ◆ IS (In-Service) ◆ OOS (Out-Of-Service).			S	O
AID_SHDSL	The Access identifier for the SHDSL circuit.			C	R
SHDSL_NBLK	The SHDSL circuit parameter block containing one or more of the following named parameters in Table 69 with their values separated by commas.			C	R

This table provides parameter values for the SHDSL_NBLK parameter.

Table 69: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.PORTID	Port identifier. This is a non case sensitive string label (up to 32 characters long) identifying the user this port has been assigned to. The following reserved values may not be specified by the operator: ◆ AVAILABLE— Indicates the port is free (not assigned) ◆ FAULTY—Indicates a failed port that cannot be assigned		AVAILABLE	O	
SHDSL_NBLK.PSDTYPE	Type of Power Spectral Density template to be used: ◆ SYMMETRIC ◆ ASYMMETRIC		SYMMETRIC	O	
SHDSL_NBLK.WIREMODE	The loop wiring option to be used: ◆ 2WIRE ◆ 4WIRE		2WIRE	O	
SHDSL_NBLK.MINLINERATE	Minimum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Mode and multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.			O	

Table 69: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.MAX LINERATE	Maximum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Mode and multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.			O	
SHDSL_NBLK.TARR MDNWC	Target Relative Margin in Downstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E-7. Allowed range is -11 to 10 where -11 indicates not to use this parameter.		5 dB	O	
SHDSL_NBLK.TARR MDNCC	Target Relative Margin in Downstream direction, for Current Conditions, to be used during handshake in gauging a BER better than 1E-7. Allowed range is -11, 0 to 10 where -11 indicates not to use this parameter.			O	
SHDSL_NBLK.TARR MUPWC	Target Relative Margin in Upstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E-7.Allowed range is (-11 to 10) where -11 indicates not to use this parameter.		5 dB	O	

Table 69: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.TARR MUPCC	Target Relative Margin in Upstream direction, for Current Conditions, to be used during handshake in gauging a BER better than 1E-7. Allowed range is -11, 0 to 10 where -11 indicates not to use this parameter.		5 dB	O	
SHDSL_NBLK.REM OTEMGT	Management operations from the remote unit (STU-R): ◆ DISABLED ◆ ENABLED		DISABL ED	O	
SHDSL_NBLK.REGI ONCONF	Regional setting configuration. Following options are supported: ◆ A: Region--A as per ITU--T G.991.2 Annex--A (default) ◆ B: Region--B as per ITU--T G.991.2 Annex--B			O	
SHDSL_NBLK.IMAG RP	The AID of the IMA Group this facility is to be assigned to. Options are: ◆ LTIMA—imagrp (imagrp = 1 to 24) ◆ NULL—Do not use IMA. This SHDSL will directly transport ATM.			O	

A_ALA-DSLAM_8-X_DEL_ADSL-PORT

Frees a DSL port. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.delDSLPort.

Table 70: A_ALA-DSLAM_8-X_DEL_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
ADSLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
PORT_AID	The AID for the user port.			C	R

A_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Deletes a DSL profile. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.delDSLProfile.

Table 71: A_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 71: A_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLDLT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLDLT_PROFILE_ID	The ADSL Profile index.	1-40		S	R
ADSLDLT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

A_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Modifies an SHDSL parameters. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.DSLProv.modSHDSLParams.**

Table 72: A_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 72: A_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
SHDSL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SHDSL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	R
SHDSL_NUM_REPE ATERS	Number of repeaters provisioned for this SHDSL span.			S	O
SHDSL_PST	The required Primary State to be set. The supported options are: ◆ IN (In-Service) ◆ OOS (Out-Of-Service).			S	O
AID_SHDSL	The Access identifier for the SHDSL circuit.			C	R
SHDSL_NBLK	The SHDSL circuit parameter block containing one or more of the following named parameters in Table 73 with their values separated by commas.			C	R

This table provides parameter values for the SHDSL_NBLK parameter.

Table 73: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.PORTID	Port identifier. This is a non case sensitive string label (up to 32characters long) identifying the user this port has been assigned to. The following reserved values may not be specified by the operator: ◆ AVAILABLE— Indicates the port is free (not assigned) ◆ FAULTY—Indicates a failed port that cannot be assigned		AVAILABLE	O	
SHDSL_NBLK.PSDTYPE	Type of Power Spectral Density template to be used: ◆ SYMMETRIC ◆ ASYMMETRIC		SYMMETRIC	O	
SHDSL_NBLK.WIREMODE	The loop wiring option to be used: ◆ 2WIRE ◆ 4WIRE		2WIRE	O	
SHDSL_NBLK.MINLINERATE	Minimum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Mode and multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.			O	

Table 73: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.MAX LINERATE	Maximum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Mode and multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.			O	
SHDSL_NBLK.TARR MDNWC	Target Relative Margin in Downstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E-7. Allowed range is (-11 to 10) where -11 indicates not to use this parameter.		5 dB	O	
SHDSL_NBLK.TARR MDNCC	Target Relative Margin in Downstream direction, for Current Conditions, to be used during handshake in gauging a BER better than 1E-7. Allowed range is (-11, 0 to 10) where -11 indicates not to use this parameter.			O	
SHDSL_NBLK.TARR MUPWC	Target Relative Margin in Upstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E-7. Allowed range is (-11 to 10) where -11 indicates not to use this parameter.		5 dB	O	

Table 73: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SHDSL_NBLK.TARR MUPCC	Target Relative Margin in Upstream direction, for Current Conditions, to be used during handshake in gauging a BER better than 1E-7. Allowed range is (-11, 0 to 10) where -11 indicates not to use this parameter.		5 dB	O	
SHDSL_NBLK.REM OTEMGT	Management operations from the remote unit (STU-R): ◆ DISABLED (default) ◆ ENABLED			O	
SHDSL_NBLK.REGI ONCONF	Regional setting configuration. Following options are supported: A: Region--A as per ITU--T G.991.2 Annex--A (default) B: Region--B as per ITU--T G.991.2 Annex--B			O	
SHDSL_NBLK.IMAG RP	The AID of the IMA Group this facility is to be assigned to. Options are: LTIMA—imagrp (imagrp = 1 to 24). NULL—Do not use IMA. This SHDSL will directly transport ATM.			O	

Interfaces

The Alcatel A1000 DSLAM cartridge provides the following ASDL commands to support Interfaces service on Alcatel A1000 DSLAM NEs:

- ◆ A_ALA-DSLAM_8-X_ADD_OC3-INTERFACE
- ◆ A_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE
- ◆ A_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

A_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Adds an OC3 interface. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.IntProv.addOC3Interface.

Table 74: A_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
OC3_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
OC3_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
OC3_PST	The required Primary State to be set. The supported options are: ◆ IN (In-Service) ◆ OOS (Out-Of-Service).			S	O

Table 74: A_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
AID_OC3	Access Identifier for the OC3 Facility. These parameters are described in Table 75 with their values separated by commas.			C	R
OC3_NBLK	OC3 Facility parameter block containing the following named parameters with their values: OPMODE. These parameters are described in Table 76 with their values separated by commas.			C	R

This table provides parameter values for the AID_OC3 parameter.

Table 75: AID_OC3

Parameter name	Description	Range	Default value	Type	Class
AID_OC3.NTOC3	Rack number		1-6	O	
AID_OC3.LTOC3.RACK	Shelf Number		1-3	O	
AID_OC3.LTOC3.SHELF	LT slot number		1-18	O	
AID_OC3.LTOC3.LT_SLOT	Circuit in the LT		1-24	O	

This table provides parameter values for the OC3_NBLK parameter.

Table 76: OC3_NBLK

Parameter name	Description	Range	Default value	Type	Class
OC3_NBLK.OPMODE	The operating transmission mode to be used. The following options are supported: ◆ SONET -- Operate in SONET mode. ◆ SDH -- Operate in SDH mode.			O	

A_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

Adds a T1/DS1 Interface. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.IntProv.addT1DS1Interface.

Table 77: A_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
DS1_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 77: A_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
DS1_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
DS1_PST	The required Primary State to be set. The supported options are: ◆ IN (In-Service) ◆ OOS (Out-Of-Service).			S	O
AID_DS1	Access Identifier for the T1 (DS1) facility. These parameters are described in Table 78 with their values separated by commas.			C	R
DS1_NBLK	The DS1 facility parameter block containing one or more of the following named parameters in Table 79 with their values separated by commas.			C	R

This table provides parameter values for the AID_DS1 parameter.

Table 78: AID_DS1

Parameter name	Description	Range	Default value	Type	Class
AID_DS1.NTT1.CIRCUIT	Circuit in the NT	1-8		O	
AID_DS1.LTT1.RACK	Rack number	1-6		O	
AID_DS1.LTT1.SHELF	Shelf number	1-3		O	
AID_DS1.LTT1.LT_SLOT	LT slot number	1-18		O	

This table provides parameter values for the DS1_NBLK parameter.

Table 79: DS1_NBLK

Parameter name	Description	Range	Default value	Type	Class
DS1_NBLK.PORTID	Port identifier. This is a non-case-sensitive string label (up to 32 characters long) identifying the user this port has been assigned to. Following reserved values may not be specified by the operator: AVAILABLE—Indicates the port is free (not assigned) FAULTY—Indicates a failed port that cannot be assigned RESERVED		RESERVED	O	

Table 79: DS1_NBLK

Parameter name	Description	Range	Default value	Type	Class
DS1_NBLK.LINETYPE	Type of line interface used: ◆ DSX1—DSX1 interface (GR--499--CORE) ◆ T1—T1 Power Loop (TR--57) (Not supported for DS1--LT) ◆ AUTO—Auto detect		AUTO	O	
DS1_NBLK.LBO	Line Build—Out in dB. (Only for T1 interfaces) Following options are supported: 0 / 7.5 / 15 / 22.5.		0 dB	O	
DS1_NBLK.EQLZ	Line Equalization (Only for DSX1 interfaces). Option Cable Length (Feet) / Equalization (dB)0 -- 0 to 133 / 0.6 dB (default) dB200 -- 133 to 266 / 1.2 dB300 -- 266 to 399 / 1.8 dB500 -- 399 to 533 / 2.4 dB600 -- 533 to 655 / 3.0			O	

A_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Adds a T3/DS3 Interface. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.IntProv.addT3DS3Interface.**

Table 80: A_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R

Table 80: A_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
DS3_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
DS3_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
DS3_PST	The required Primary State to be set. The supported options are: ◆ IN (In-Service) ◆ OOS (Out-Of-Service.			S	O
AID_DS3	Access Identifier for the T3 (DS3) facility. These parameters are described in Table 81 with their values separated by commas.			C	R
DS3_NBLK	The DS3 facility parameter block containing one or more of the following named parameters in Table 82 with their values separated by commas.			C	R

This table provides parameter values for the AID_DS3 parameter.

Table 81: AID_DS3

Parameter name	Description	Range	Default value	Type	Class
AID_DS3.NTT3				O	
AID_DS3.LTT3.RACK	Rack number	1-6		O	
AID_DS3.LTT3.SHELF	Shelf number	1-3		O	
AID_DS3.LTT3.LT_SLOT	LT slot number	1-18		O	
AID_DS3.LTT3.CIRCUIT	Circuit in the LT	1-24		O	

This table provides parameter values for the DS3_NBLK parameter.

Table 82: DS3_NBLK

Parameter name	Description	Range	Default value	Type	Class
DS3_NBLK.CELLMAPNG	The ATM Cell mapping. Supported options are: ◆ PLCP_SCRAM— PLCP Scrambled Mode ◆ PLCP_UNSCRAM— PLCP Unscrambled Mode ◆ DIRECT_SCRAM— Direct Mapped Scrambled Mode ◆ DIRECT_UNSCRAM— Direct Mapped Unscrambled Mode			O	

Table 82: DS3_NBLK

Parameter name	Description	Range	Default value	Type	Class
DS3_NBLK.CRDECP LNG	Method for Cell-Rate Decoupling: ◆ IDLE—Use Idle Cells ◆ UAS—Use Unassigned Cells			O	
DS3_NBLK.OOFDET ECT	Mode for detecting OOF (Out of Frame): ◆ 3OF16FBITS—3 out of 16 F-Bits ◆ 3OF8FBITS—3 out of 8 F-Bits (M-bit criteria is always used in addition to the above)			O	
DS3_NBLK.LINEBL DOUT	Line-Build-Out for DS3 line length. The following options are supported: ◆ ENABLED ◆ DISABLED			O	

Switched Virtual Circuit (SVC)

The Alcatel A1000 DSLAM cartridge provides the following ASDL commands to support SVC service on Alcatel A1000 DSLAM NEs:

◆ A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

◆ A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

◆ A_ALA-DSLAM_8-X_ADD_SVC-USER

◆ A_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

◆ A_ALA-DSLAM_8-X_DEL_SVC-USER

A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Adds a new signalling channel. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.SVCProv.addSigChannel.

Table 83: A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
SIGCHN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SIGCHN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O
SIGCHN_STATE	The state you want to set.			S	O
SIGCHN_VPI	The VPI value associated with the Signaling Channel.			S	O
SIGCHN_VCI	The VCI value associated with the Signaling Channel.			S	O
AID_SIGCHN	Access Identifier for the ATM Signaling Channel containing one or more of the following named parameters in Table 84 with their values separated by commas.			C	R

Table 83: A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK	The Signaling Channel parameter block containing one or more of the following named parameters in Table 85 with their values separated by commas.			C	R

The following table provides parameter values for the AID_SIGCHN parameter.

Table 84: AID_SIGCHN

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN. NTSIGCHN	Signaling Channel parameter block in the NT.			O	
AID_SIGCHN.LTSIG CHN.RACK	Rack number in the LT circuit.	1-6		O	
AID_SIGCHN.LTSIG CHN.SHELF	Shelf number in the LT circuit.	1-3		O	
AID_SIGCHN.LTSIG CHN.SLOT	LT slot number in the LT circuit.	1-18		O	
AID_SIGCHN. LTSIGCHN.CIRCUIT	Circuit in the LT in the LT circuit.	1-24		O	
AID_SIGCHN.LTIMA SIGCHN.RACK	Rack number in the IMA group.	1-6		O	
AID_SIGCHN.LTIMA SIGCHN.SHELF	Shelf number in the IMA group.	1-3		O	
AID_SIGCHN.LTIMA SIGCHN.SLOT	LT slot number in the IMA group.	1-18		O	
AID_SIGCHN.LTIMA SIGCHN.CIRCUIT	Circuit in the LT in the IMA group.	1-24		O	

This table provides parameter values for the SIGCHN_NBLK parameter.

Table 85: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.XMITTRAFDSCR	Transmit Traffic Descriptor Profile index for the Signaling Channel.	1-310		O	
SIGCHN_NBLK.XMITTRAFDSCRNM	Transmit Traffic Descriptor Profile name for the Signaling Channel.			O	
SIGCHN_NBLK.RECVTRAFDSCR	Receive Traffic Descriptor Profile index for the Signaling Channel.	1-310		O	
SIGCHN_NBLK.RECVTRAFDSCRNM	Receive Traffic Descriptor Profile name for the Signaling Channel.			O	
SIGCHN_NBLK.MAXACTCALLS	The maximum number of active calls allowed for this Signaling Channel. The value can be: 0 to 4096 for NT 0 to 16 for LT		16	O	
SIGCHN_NBLK.SAALPROF	The SAAL Profile index for this Signaling Channel.	1-5		O	
SIGCHN_NBLK.SAALPROFNM	The SAAL Profile name for this Signaling Channel.			O	

Table 85: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.SAALMODE	The SAAL mode of operation. The following options are supported: ◆ ACTIVE—In this mode the SSCOP always attempts to maintain SAAL connection with its peer by actively sending BEGIN messages. ◆ PASSIVE—In this mode the SSCOP only maintains SAAL connection if requested by its peer, or during calls. Idle SAAL connections are terminated. ◆ TRANSIENT—In this mode the SSCOP starts in ACTIVE mode, but falls back to PASSIVE mode if no response is received from its peer.		TRANSIENT	O	
SIGCHN_NBLK.DSS2PROF	The DSS2 Profile index for this Signaling Channel.	1-5		O	
SIGCHN_NBLK.DSS2PROFNM	The DSS2 Profile name for this Signaling Channel.			O	
SIGCHN_NBLK.SIGPERFPROF	The Signaling Performance Threshold Profile index for this Signaling Channel. The value of 0 disables threshold monitoring.	0-16	0	O	

Table 85: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.SIGP ERFPROFNM	The Signaling Performance Threshold Profile name for this Signaling Channel. A NULL value disables threshold monitoring.			O	
SIGCHN_NBLK.MUL TIPOINT	Identifies whether Point-to-Multipoint Connections are supported for this Signaling Channel	YES or NO	YES	O	
SIGCHN_NBLK.SEG ENDPT	Is this a OAM Segment Endpoint:	N or Y	N	O	

A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Adds a signalling channel parameters. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.SVCProv.addSigChannelParams.**

Table 86: A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
SIGCHNP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 86: A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Parameter name	Description	Range	Default value	Type	Class
SIGCHNP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O
SIGCHNP_STATE	The state you want to set.			S	O
AID_SIGCHN	Access Identifier for the ATM Signaling Channel. These parameters are described in Table 87 with their values separated by commas.			C	R
SIGCHN_NBLK	The Signaling Channel parameter block containing one or more of the following named parameters. These parameters are described in Table 88 with their values separated by commas.			C	R

This table provides parameter values for the AID_SIGCHN parameter.

Table 87: AID_SIGCHN

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN. NTSIGCHN				O	
AID_SIGCHN.LTSIG CHN.RACK	Rack number	1-6		O	
AID_SIGCHN.LTSIG CHN.SHELF	Shelf number	1-3		O	

Table 87: AID_SIGCHN

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN.LTSIGCHN.SLOT	LT slot number	1-18		O	
AID_SIGCHN.CIRCUIT	Circuit in the LT	1-24		O	
AID_SIGCHN.LTIMASIGCHN.RACK	Rack number	1-6		O	
AID_SIGCHN.LTIMASIGCHN.SHELF	Shelf number	1-3		O	
AID_SIGCHN.LTIMASIGCHN.SLOT	LT slot number	1-18		O	
AID_SIGCHN.LTIMASIGCHN.CIRCUIT	Circuit in the LT	1-24		O	

This table provides parameter values for the SIGCHN_NBLK parameter.

Table 88: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.MAXACTCALLS	The maximum number of active calls allowed for this Signaling Channel. The value can be: 0 to 4096 for NT 0 to 16 for LT		16	O	
SIGCHN_NBLK.SAALPROF	The SAAL Profile index for this Signaling Channel.	1-5		O	
SIGCHN_NBLK.SAALPROFNM	The SAAL Profile name for this Signaling Channel.			O	

Table 88: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.SAALMODE	The SAAL mode of operation. Following options are supported: ◆ ACTIVE—In this mode the SSCOP always attempts to maintain SAAL connection with its peer by actively sending BEGIN messages. ◆ PASSIVE—In this mode the SSCOP only maintains SAAL connection if requested by its peer, or during calls. Idle SAAL connections are terminated. ◆ TRANSIENT—In this mode the SSCOP starts in ACTIVE mode, but falls back to PASSIVE mode if no response is received from its peer.		TRANSIENT	O	
SIGCHN_NBLK.DSS2PROF	The DSS2 Profile index for this Signaling Channel.	1-5		O	
SIGCHN_NBLK.DSS2PROFNM	The DSS2 Profile name for this Signaling Channel.			O	
SIGCHN_NBLK.SIGPERFPROF	The Signaling Performance Threshold Profile index for this Signaling Channel. The value of 0 disables threshold monitoring.	0-16	0	O	

Table 88: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_NBLK.SIGPERFPROFNM	The Signaling Performance Threshold Profile name for this Signaling Channel. A NULL value disables threshold monitoring.			O	
SIGCHN_NBLK.MULTIPOINT	Identifies whether Point-to-Multipoint connections are supported for this Signaling Channel.	YES or NO	YES	O	
SIGCHN_NBLK.SEGENDPT	Identifies whether this is an OAM Segment End-point.	N or Y	N	O	

A_ALA-DSLAM_8-X_ADD_SVC-USER

Adds a SVC user. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.SVCProv.addSVCUser.**

Table 89: A_ALA-DSLAM_8-X_ADD_SVC-USER

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
SVCUSER_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed			S	O

Table 89: A_ALA-DSLAM_8-X_ADD_SVC-USER

Parameter name	Description	Range	Default value	Type	Class
SVCUSER_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	R
ATM_ADDRESS	Access identifier for the SVC user.			S	O
ATM_PORT	The ATM port associated with the SVC user. These parameters are described in Table 90 with their values separated by commas.			C	R
SVCUSER_NBLK	The SVC user parameter block containing one or more of the following named parameters in Table 91 with their values separated by commas.			C	R

This table provides parameter values for the ATM_PORT parameter.

Table 90: ATM_PORT

Parameter name	Description	Range	Default value	Type	Class
ATM_PORT.LTATM.RACK	Rack number	1-6		O	
ATM_PORT.LTATM.SHELF	Shelf number	1-3		O	
ATM_PORT.LTATM.LT_SLOT	LT slot number	1-18		O	

Table 90: ATM_PORT

Parameter name	Description	Range	Default value	Type	Class
ATM_PORT.LTATM.CIRCUIT	Circuit in the LT	1-24		O	
ATM_PORT.LTIMAATM.RACK	Rack number	1-6		O	
ATM_PORT.LTIMAATM.SHELF	Shelf number	1-3		O	
ATM_PORT.LTIMAATM.LT_SLOT	LT slot number	1-18		O	
ATM_PORT.LTIMAATM.CIRCUI	Circuit in the LT	1-24		O	

This table provides parameter values for the SVCUSER_NBLK parameter.

Table 91: SVCUSER_NBLK

Parameter name	Description	Range	Default value	Type	Class
SVCUSER_NBLK.CIC	The Carrier Identification Code to use for Transit Network Selection (TNS). The value is a 4-digit CIC (0000 to 9999) or NULL. A NULL value disables TNS.		NULL	O	
SVCUSER_NBLK.ALLOWCALLIN	Identifies whether incoming calls are allowed for this SVC user.	YES or NO	YES	O	
SVCUSER_NBLK.ALLOWCALLOUT	Identifies whether outgoing calls are allowed for this SVC user.	YES or NO	YES	O	

Table 91: SVCUSER_NBLK

Parameter name	Description	Range	Default value	Type	Class
SVCUSER_NBLK.IDENTPROF	The Line Identification Profile index for this SVC User.	1-16		O	
SVCUSER_NBLK.IDENTPROFNM	The Line Identification Profile name for this SVC User.			O	

A_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

Deletes a signalling channel. It is implemented by the Java method **com.metasolv.cartridge.oss.ala_dslam.prov.SVCProv.delSigChannel.**

Table 92: A_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
SIGCHN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SIGCHN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O

Table 92: A_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN	Access Identifier for the ATM Signaling Channel. These parameters are described in Table 93 with their values separated by commas.			C	R

This table provides parameter values for the AID_SIGCHN parameter.

Table 93: AID_SIGCHN

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN.NTSIGCHN				O	
AID_SIGCHN.LTSIGCHN.RACK	Rack number in the LT circuit.	1-6		O	
AID_SIGCHN.LTSIGCHN.SHELF	Shelf number in the LT circuit.	1-3		O	
AID_SIGCHN.LTSIGCHN.SLOT	LT slot number in the LT circuit.	1-18		O	
AID_SIGCHN.CIRCUIT	Circuit in the LT	1-24		O	
AID_SIGCHN.LTIMASIGCHN.RACK	Rack number in the IMA group.	1-6		O	
AID_SIGCHN.LTIMASIGCHN.SHELF	Shelf number in the IMA group.	1-3		O	
AID_SIGCHN.LTIMASIGCHN.SLOT	LT slot number in the IMA group.	1-18		O	
AID_SIGCHN.LTIMASIGCHN.CIRCUIT	Circuit in the LT of the IMA group.	1-24		O	

A_ALA-DSLAM_8-X_DEL_SVC-USER

Deletes an SVC user. It is implemented by the Java method
com.metasolv.cartridge.oss.ala_dslam.prov.SVCProv.delSVCUser.

Table 94: A_ALA-DSLAM_8-X_DEL_SVC-USER

Parameter name	Description	Range	Default value	Type	Class
MCLI	Host NE Identifier.			S	R
SVCUSER_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SVCUSER_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	R
ATM_ADDRESS	Access Identifier for the SVC User.			S	O

4

Service Definition

The Alcatel A1000 DSLAM 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 95: CSDL 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.
Type	Indicates one of the following parameter types: ◆ S—Scalar, specifies the parameter label transmitted on the CSDL command. ◆ C—Compound, specifies the base name of the compound parameter transmitted on the CSDL command. ◆ I—Indexed, specifies the base name of the CSDL command transmitted on the CSDL command

Table 95: CSDL parameter information

Item	Description
Class	Indicates one of the following parameter classifications: ◆ 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.*

Asynchronous Transfer Mode (ATM)

The Alcatel A1000 DSLAM cartridge provides the following CSDL commands to support ATM service on Alcatel A1000 DSLAM NEs:

◆ C_ALA-DSLAM_8-X_ACT_CRS-VC
◆ C_ALA-DSLAM_8-X_ACT_CRS-VP
◆ C_ALA-DSLAM_8-X_ADD_ATM-PORT
◆ C_ALA-DSLAM_8-X_ADD_ATM-PVCL
◆ C_ALA-DSLAM_8-X_ADD_ATM-PVPL
◆ C_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE
◆ C_ALA-DSLAM_8-X_ADD_CAC-PROFILE
◆ C_ALA-DSLAM_8-X_ADD_CDVT-PROFILE
◆ C_ALA-DSLAM_8-X_ADD_CRS-VC
◆ C_ALA-DSLAM_8-X_ADD_CRS-VP
◆ C_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE
◆ C_ALA-DSLAM_8-X_DEACT_CRS-VC
◆ C_ALA-DSLAM_8-X_DEACT_CRS-VP
◆ C_ALA-DSLAM_8-X_DEL_ATM-PVCL
◆ C_ALA-DSLAM_8-X_DEL_ATM-PVPL
◆ C_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE
◆ C_ALA-DSLAM_8-X_DEL_CAC-PROFILE
◆ C_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

- ◆ C_ALA-DSLAM_8-X_DEL_CRS-VC
- ◆ C_ALA-DSLAM_8-X_DEL_CRS-VP
- ◆ C_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

C_ALA-DSLAM_8-X_ACT_CRS-VC

Activates a VC Cross connect.

Table 96: C_ALA-DSLAM_8-X_ACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server.			C	R
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 97: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ACT_CRS-VC	A_ALA-DSLAM_8-X_ACT_CRS-VC

C_ALA-DSLAM_8-X_ACT_CRS-VP

Activates a VP Cross connect.

Table 98: C_ALA-DSLAM_8-X_ACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 98: C_ALA-DSLAM_8-X_ACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 99: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ACT_CRS-VP	A_ALA-DSLAM_8-X_ACT_CRS-VP

C_ALA-DSLAM_8-X_ADD_ATM-PORT

Adds an ATM port.

Table 100: C_ALA-DSLAM_8-X_ADD_ATM-PORT

Parameter name	Description	Range	Default value	Type	Class
AID_ATMPORT	Access Identifier for the ATM Port.			C	R
ATMPORT_NBLK	The ATM Port parameter block containing one or more of the following named parameters in Table 102 with their values separated by commas.			C	R

Table 100: C_ALA-DSLAM_8-X_ADD_ATM-PORT

Parameter name	Description	Range	Default value	Type	Class
ATMP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
ATMP_PST	The required Primary State to be set. The supported options are: IS (In-Service) OOS (Out-Of-Service).			C	R
ATMP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 101: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ATM-PORT	A_ALA-DSLAM_8-X_ADD_ATM-PORT

This table provides parameters for the ATMPORT_NBLK parameter.

Table 102: ATMPORT_NBLK

Parameter name	Description	Range	Default value	Type	Class
IFTYPE	The type of interface associated with this port. Following optionsare supported: NT : NT ATM Interface (NT only) LTUSR : LT User to Network Interface -- UNI (LTs only) LTSUB : LT Subtending Interface -- AAI (LTs only) SERVER : Internal Server Interface -- ISI (Servers only)			O	
CACPROFDN	Connection Admission and Control Profile index for the downstream direction. It is a numeric index (1 to 50).			O	
CACPROFDNNM	Connection Admission and Control Profile name for the downstream direction.			O	
CACPROFUP	Connection Admission and Control Profile index for the upstream direction. It is a numeric index (1 to 50)			O	
CACPROFUPNM	Connection Admission and Control Profile name for the upstream direction			O	
ATMACCPROF	ATM Access Profile index. It is a numeric index (1 to 50).			O	

Table 102: ATMPORT_NBLK

Parameter name	Description	Range	Default value	Type	Class
ATMACCPROFNM	ATM Access Profile name.			O	
CDVTPROF	The index of the Cell Delay Variation Tolerance (CDVT) profile associated with this port. The value may be 1 to 20, or NULL.			O	
CDVTPROFNM	The name of the Cell Delay Variation Tolerance (CDVT) profile associated with this port, or NULL.			O	
NGCRWEIGHT	A weighting factor for the non-guaranteed portion of the ATM traffic associated with this port. This is a relative number with			O	

C_ALA-DSLAM_8-X_ADD_ATM-PVCL

Adds an ATM PVCL.

Table 103: C_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL	Access Identifier for the ATM Virtual Channel Link.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Table 103: C_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
VCL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VCL_NBLK	The ATM VCL parameter block containing one or more of the following named parameters in Table 105 with their values separated by commas.			C	R
VCL_RCV_TRAFDSC	The Traffic Descriptor profile index (1 to 310) for the receive direction.			S	O
VCL_RCV_TRAFDSCNM	The Traffic Descriptor profile name for the receive direction.			S	O
VCL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
VCL_XMT_TRAFDSC	The Transmit Traffic Descriptor profile index (1 to 310) for the transmit direction.			S	O

Table 103: C_ALA-DSLAM_8-X_ADD_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
VCL_XMT_TRAFDS CNM	The Traffic Descriptor Profile name for the transmit direction.			S	O

Mapping to ASDLs

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

Table 104: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ATM-PVCL	A_ALA-DSLAM_8-X_ADD_ATM-PVCL

This table provides parameters for the VCL_NBLK parameter.

Table 105: VCL_NBLK

Parameter name	Description	Range	Default value	Type	Class
LINKTYPE	The type of VCL. Following options are supported: P2P—Point-to-point connection link (default) MPROOT—Point-to-multipoint connection root link (Only supported for NTVCL and SERVVCL) MPLEAF—Point-to-multipoint connection leaf link (Not supported for NTVCL)				

Table 105: VCL_NBLK

Parameter name	Description	Range	Default value	Type	Class
SEGENDPT	Is this a OAM Segment End point: N—No (default) Y—Yes				

C_ALA-DSLAM_8-X_ADD_ATM-PVPL

Adds an ATM PVPL.

Table 106: C_ALA-DSLAM_8-X_ADD_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL	Access Identifier for the ATM Virtual Path Link.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
VPL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VPL_NBLK	The ATM VPL parameter block containing one or more of the following named parameters in Table 108 with their values separated by commas.			C	R
VPL_RCV_TRAFDSC	The Traffic Descriptor profile index (1 to 310) for the receive direction.			S	O

Table 106: C_ALA-DSLAM_8-X_ADD_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
VPL_RCV_TRAFDSC NM	The Traffic Descriptor profile name for the receive direction.			S	O
VPL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
VPL_XMT_TRAFDS C	The Transmit Traffic Descriptor profile index (1 to 310) for the transmit direction.			S	O
VPL_XMT_TRAFDS CNM	The Traffic Descriptor Profile name for the transmit direction.			S	O

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-DSLAM_8-X_ADD_ATM-PVPL	A_ALA-DSLAM_8-X_ADD_ATM-PVPL

This table provides parameters for the VPL_NBLK parameter.

Table 108: VPL_NBLK

Parameter name	Description	Range	Default value	Type	Class
LINKTYPE	LINKTYPE= The type of VPL. The following options are supported: P2P—Point-to-point path link (DEFAULT) MPROOT—Point-to-multipoint path root link(Only supported for NTVPL) MPLEAF—Point-to-multipoint path leaf link (Not supported for NTVPL and SERVVPL).				
SEGENDPT	Is this a OAM Segment End point: N—No (default) Y—Yes				

C_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

Adds an ATMACC profile.

Table 109: C_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ATMACC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
ATMACC_NBLK	The ATM Access Profile parameter block containing one or more of the following named parameters in Table 111 with their values separated by commas.			C	R
ATMACC_PROFILE_ID	The ATM Access Profile index (1 to 50).			S	R
ATMACC_PROFILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
ATMACC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 110: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE	A_ALA-DSLAM_8-X_ADD_ATMACC-PROFILE

This table provides parameters for the ATMACC_NBLK parameter.

Table 111: ATMACC_NBLK

Parameter name	Description	Range	Default value	Type	Class
GFCMODE	Generic Flow Control (GFC) mode. Following options are supported: UNI—User Network Interface (default) NNI—Network Network Interface			O	
MAXVPCS	Maximum number of VPCs (Virtual Path Circuits) supportedThe value can be 0 to 4000 for NT, 0 to 16 for UserLT, 0 to 2000 for HD/UD host LT, 0 to 900 for SD LT, and 0 for SERV.(DEFAULT= 16)				
MAXVCCS	Maximum number of VCCs (Virtual Channel Circuits) supportedThe value can be 0 to 10368 for NT, 0 to 16 for User LT, 0 to 2000 for HD/UD Host LT, 0 to 900 for SD Host LT and 0 to 2000 for SERV(DEFAULT= 16)				

Table 111: ATMACC_NBLK

Parameter name	Description	Range	Default value	Type	Class
VPIBITS	Number of active VPI (Virtual Path Identifier) bits. The value can be 1 to 12 (default= 4)				
VCIBITS	Number of active VCI (Virtual Channel Identifier) bits.The value can be 6 to 16. (default= 6)				
POLICING	Traffic Policing Mode for this interface. Following options are supported: NONE—No Policing VCONLY—Police VC connections only ALL—Police all connections (default)				
SVCMAXVPI	Maximum VPI value for SVC connections for this interface. The value can be 0 to 4095 (default= 0).				
SVCMINVCI	Minimum VCI value for SVC connections for this interface:The value can be 32 to 65535 (default= 48)				

C_ALA-DSLAM_8-X_ADD_CAC-PROFILE

Adds a CAC profile.

Table 112: C_ALA-DSLAM_8-X_ADD_CAC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CACPROF_NBLK	The ATM CAC Profile parameter block containing one or more of the following named parameters in Table 114 with their values separated by commas.			C	R
CAC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CAC_PROFILE_ID	The numeric identifier of the profile (1 to 50).			S	R
CAC_PROFILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
CAC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 113: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_CAC-PROFILE	A_ALA-DSLAM_8-X_ADD_CAC-PROFILE

This table provides parameters for the CACPROF_NBLK parameter.

Table 114: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CBRMAXCON	Maximum Number of CBR Connections (--1* to 20,000)(DEF = 16)			O	
CBRBWSECFAC	Bandwidth Security Factor for CBR traffic (0 to 100 %)(DEF = 100 %)			O	
CBRBUFSECFAC	Maximum Number of UBR Connections (--1* to 20,000)(DEF = 16)			O	
UBRMAXCON	MCR Security Factor for UBR traffic (0 to 100 %)(DEF = 25 %)			O	
UBRMCRSECFAC	Maximum Number of rt--VBR Connections (--1* to 20,000)(DEF = 16)			O	
RTVBRMAXCON	Bandwidth Security Factor for rt--VBR traffic (0 to 100 %)(DEF = 100 %)			O	
RTVBRBWSECFAC	Buffer Security Factor for rt--VBR traffic (0.0 to 100.0 %)(DEF = 100 %)			O	

Table 114: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
RTVBRBUFSECFAC	Buffer Security Factor for nrt--VBR traffic (0.0 to 100.0 %)(DEF = 100 %).			O	
RTVBRNGCRSECFAC	Bandwidth Security Factor for the Non-guaranteed portion (PCR -- SCR) of nrt--VBR traffic (0 to 100 %) (DEF = 0 %).			O	
RTVBROVRBKFAC	Bandwidth Overbooking Factor for nrt--VBR traffic (0 to 100 %)(DEF = 0 %).			O	
NRTVBRMAXCON	Bandwidth Security Factor for nrt--VBR traffic (0 to 100 %)(DEF = 100 %).			O	
NRTVBRBWSECFAC	Bandwidth Security Factor for nrt--VBR traffic (0 to 100 %)(DEF = 100 %).			O	
NRTVBRBUFSECFAC	Buffer Security Factor for nrt--VBR traffic (0.0 to 100.0 %)(DEF = 100 %).			O	
NRTVBRNGCRSECFAC	Bandwidth Security Factor for the Non-guaranteed portion (PCR -- SCR) of nrt--VBR traffic (0 to 100 %) (DEF = 0 %)			O	
NRTVBRNGCRSECFAC	Bandwidth Security Factor for the Non-guaranteed portion (PCR -- SCR) of nrt VBR traffic (0 to 100 %) (DEF = 0 %).			O	
GFRMAXCON				O	
GFRBWSECFAC	Bandwidth Security Factor for GFR traffic (0 to 100 %)(DEF = 25 %).			O	

Table 114: CACPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
GFRBUFSECFAC	Buffer Security Factor for GFR traffic (0.0 to 100.0 %)(DEF = 100 %).			O	
GFROVRBKFAC	Bandwidth Overbooking Factor for GFR traffic (0 to 100 %)(DEF = 0 %).			O	
AGRBWSECFAC	Bandwidth Security Factor for Aggregate traffic (0 to 100 %)(DEF = 100 %).			O	
AGRGCRSECFAC	Bandwidth Security Factor for the Guaranteed portion of the Aggregate traffic (--1 to 100 %). (DEF = 100 %. A value of --1 disables this check.).			O	

C_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Adds a CDVT profile.

Table 115: C_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CDVTPROF_NBLK	The ATM CDVT Profile parameter block containing one or more of the following named parameters in Table 117 with their values separated by commas.			C	R

Table 115: C_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CDVT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CDVT_PROFILE_ID	The ATM Cell Delay Variation Tolerance (CDVT) Profile index (1 to 20).			S	R
CDVT_PROFILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
CDVT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 116: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_CDVT-PROFILE	A_ALA-DSLAM_8-X_ADD_CDVT-PROFILE

This table provides parameters for the CDVTPROF_NBLK parameter.

Table 117: CDVTPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
CDVTCBR	CDVT for CBR SVC connections.The value may be 0 to 1000000 microseconds (DEFAULT = 10,000)			O	
CDVTUBR				O	
CDVTRTVBR	CDVT for rt VBR SVC connections. The value may be 0 to 1000000 microseconds (DEFAULT = 10,000)			O	
CDVTNRTVBR	CDVT for nrt VBR SVC connections. The value may be 0 to 1000000 microseconds (DEFAULT = 10,000)			O	
CDVTGFR				O	

C_ALA-DSLAM_8-X_ADD_CRS-VC

Adds a VC Cross connect.

Table 118: C_ALA-DSLAM_8-X_ADD_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server.			C	R
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VCCC_PST	The required Primary State to be set. The supported options are: IS (In-Service) / OOS (Out-Of-Service).			S	O
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

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-DSLAM_8-X_ADD_CRS-VC	A_ALA-DSLAM_8-X_ADD_CRS-VC

C_ALA-DSLAM_8-X_ADD_CRS-VP

Adds a VP Cross connect.

Table 120: C_ALA-DSLAM_8-X_ADD_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VPCC_PST	The required Primary State to be set. The supported options are: IS (In-Service) / OOS (Out-Of-Service).			S	O

Table 120: C_ALA-DSLAM_8-X_ADD_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

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-DSLAM_8-X_ADD_CRS-VP	A_ALA-DSLAM_8-X_ADD_CRS-VP

C_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Adds a traffic descriptor profile.

Table 122: C_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
TRAFDSC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 122: C_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
TRAFDSC_NBLK	The ATM Traffic Descriptor profile parameter block containing one or more of the following named parameters in Table 124 with their values separated by commas. These values are added to MML based on parameter TRAFDSC_TYPE value.			C	R
TRAFDSC_PROFILE_ID	The numeric identifier of the profile (1 to 310).			S	R
TRAFDSC_PROFILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
TRAFDSC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
TRAFDSC_TYPE	Traffic Descriptor Service Category Type.			S	O

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-DSLAM_8-X_ADD_TRAFFDESC-PROFILE	A_ALA-DSLAM_8-X_ADD_TRAFFDESC-PROFILE

This table provides parameters for the TRAFDSC_NBLK parameter.

Table 124: TRAFDSC_NBLK

Parameter name	Description	Range	Default value	Type	Class
FRAMEDSC	Should frame discard be supported for this connection as opposedto normal cell discard ? The value may be: Y—Yes N—No (default = 'Y' for trafdsc_type GFR1/GFR2; 'N' otherwise)			O	
CLP1PCR	(CLP=0+1) Peak Cell Rate in cells per second.The value may be 0** to 353207			O	
CDVT	Cell Delay Variation Tolerance (CDVT) in microseconds. The value may be: 0 to 1000,000 (default = 10,000)			O	
CLP1MCR	CLP=0+1) Minimum Cell Rate in Cells per secondThe value may be 0 to 353207 (DEFAULT = 0)			O	
CLP1SCR	(CLP=0+1) Sustained Cell Rate in Cells per secondThe value may be 1 to 353207			O	
MBS	Maximum Burst Size in cells.The value may be 1 to 10,000 (DEFAULT = 32)			O	

Table 124: TRAFDSC_NBLK

Parameter name	Description	Range	Default value	Type	Class
CLP0SCR	(CLP=0) Sustained Cell Rate in Cells per secondThe value may be 1 to 353207			O	
MFS	Maximum Frame Size in cells.The value may be 1 to 10,000 (DEFAULT = 32)			O	

C_ALA-DSLAM_8-X_DEACT_CRS-VC

Deactivate VC Cross connect.

Table 125: C_ALA-DSLAM_8-X_DEACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server.			C	R
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 125: C_ALA-DSLAM_8-X_DEACT_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 126: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEACT_CRS-VC	A_ALA-DSLAM_8-X_DEACT_CRS-VC

C_ALA-DSLAM_8-X_DEACT_CRS-VP

Deactives a VP Cross connect.

Table 127: C_ALA-DSLAM_8-X_DEACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT.			C	R

Table 127: C_ALA-DSLAM_8-X_DEACT_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 128: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEACT_CRS-VP	A_ALA-DSLAM_8-X_DEACT_CRS-VP

C_ALA-DSLAM_8-X_DEL_ATM-PVCL

Deletes a ATM PVCL.

Table 129: C_ALA-DSLAM_8-X_DEL_ATM-PVCL

Parameter name	Description	Range	Default value	Type	Class
AID_VCL	Access Identifier for the ATM Virtual Channel Link.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
VCL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VCL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 130: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_ATM-PVCL	A_ALA-DSLAM_8-X_DEL_ATM-PVCL

C_ALA-DSLAM_8-X_DEL_ATM-PVPL

Deletes an ATM PVPL.

Table 131: C_ALA-DSLAM_8-X_DEL_ATM-PVPL

Parameter name	Description	Range	Default value	Type	Class
AID_VPL	Access Identifier for the ATM Virtual Path Link.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
VPL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	R
VPL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 132: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_ATM-PVPL	A_ALA-DSLAM_8-X_DEL_ATM-PVPL

C_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

Deletes an ATMACC profile.

Table 133: C_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ATMACC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
ATMACC_PROFILE_ID	The ATM Access Profile index (1 to 50).			S	R
ATMACC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 134: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE	A_ALA-DSLAM_8-X_DEL_ATMACC-PROFILE

C_ALA-DSLAM_8-X_DEL_CAC-PROFILE

Deletes a CAC profile.

Table 135: C_ALA-DSLAM_8-X_DEL_CAC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CAC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CAC_PROFILE_ID	The numeric identifier of the profile (1 to 50).			S	R
CAC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 136: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_CAC-PROFILE	A_ALA-DSLAM_8-X_DEL_CAC-PROFILE

C_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

Deletes a CDVT profile.

Table 137: C_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
CDVT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
CDVT_PROFILE_ID	The ATM Cell Delay Variation Tolerance (CDVT) Profile index (1 to 20).			S	R
CDVT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 138: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_CDVT-PROFILE	A_ALA-DSLAM_8-X_DEL_CDVT-PROFILE

C_ALA-DSLAM_8-X_DEL_CRS-VC

Deletes a VC Cross connect.

Table 139: C_ALA-DSLAM_8-X_DEL_CRS-VC

Parameter name	Description	Range	Default value	Type	Class
LT_VCL	Access Identifier for the ATM Virtual Channel Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VCL	Access Identifier for the ATM Virtual Channel Link in the NT/Server.			C	R
VCCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
VCCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 140: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_CRS-VC	A_ALA-DSLAM_8-X_DEL_CRS-VC

C_ALA-DSLAM_8-X_DEL_CRS-VP

Deletes a VP Cross connect.

Table 141: C_ALA-DSLAM_8-X_DEL_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
LT_VPL	Access Identifier for the ATM Virtual Path Link in the LT/Server.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
NT_VPL	Access Identifier for the ATM Virtual Path Link in the NT.			C	R
VPCC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 141: C_ALA-DSLAM_8-X_DEL_CRS-VP

Parameter name	Description	Range	Default value	Type	Class
VPCC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 142: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_CRS-VP	A_ALA-DSLAM_8-X_DEL_CRS-VP

C_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Deletes the Traffic descriptor profile.

Table 143: C_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
TRAFDSC_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 143: C_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Parameter name	Description	Range	Default value	Type	Class
TRAFDSC_PROFILE _ID	The numeric identifier of the profile (1 to 310).			S	R
TRAFDSC_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 144: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE	A_ALA-DSLAM_8-X_DEL_TRAFFDESC-PROFILE

Digital Subscriber Line (DSL)

The Alcatel A1000 DSLAM cartridge provides the following CSDL commands to support DSL service on Alcatel A1000 DSLAM NEs:

◆   C_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-PORT

◆   C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

◆   C_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

◆   C_ALA-DSLAM_8-X_DEL_ADSL-PORT

◆ C_ALA-DSLAM_8-X_DEL_DSL-PROFILE

◆ C_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

C_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

Activates an ADSL profile.

Table 145: C_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLACT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLACT_PROFILE _ID	The ADSL Profile index (1 to 40).			S	R
ADSLACT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 146: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ACT_ADSL-PROFILE	A_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

C_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

Add ADSL common profile.

Table 147: C_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLCOM_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLCOM_NBLK	The ADSL line parameter block containing one or more of the following named parameters with their values separated by commas.			C	R
ADSLCOM_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLCOM_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 148: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

This table provides parameters for the ADSLCOM_NBLK parameter.

Table 149: ADSLCOM_NBLK

Parameter name	Description	Range	Default value	Type	Class
ALWPROPGLITE	Should the modem enable Alcatel proprietary xtension features for a G.Lite ATU--R (only supported for Alcatel ATU--R).The value may be YES or NO. (DEFAULT = YES)			O	
ALWPROPGDMT	Should the modem enable Alcatel proprietary extension featuresfor a G.DMT ATU--R (only supported for Alcatel ATU--R).The value may be YES or NO. (DEFAULT = YES)			O	
ALWPWRCTL	Should the modem enable Alcatel proprietary power-management feature for this line (only supported for Alcatel ATU--R).The value may be YES or NO. (DEFAULT = YES)			O	

C_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

Adds an ADSL DMT profile.

Table 150: C_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLMSK_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLMSK_NBLK	The parameter block containing one or more of the following named parameters in Table 152, separated with their values separated by commas for provisioning the ADSL DMT carrier mask.			C	R
ADSLMSK_PROFILE_ID	The ADSL Profile index (1 to 40)			S	R
ADSLMSK_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

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-DSLAM_8-X_ADD_ADSL-DMT-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE

This table provides parameters for the ADSLMSK_NBLK parameter.

Table 152: ADSLMSK_NBLK

Parameter name	Description	Range	Default value	Type	Class
CMASK0	Bitmap for carriers 0 to 31.The value is H'00000000 to H'FFFFFFFF			O	
CMASK1	Bitmap for carriers 32 to 63.The value is H'00000000 to H'FFFFFFFF			O	
CMASK2	Bitmap for carriers 64 to 95.The value is H'00000000 to H'FFFFFFFF			O	
CMASK3	Bitmap for carriers 96 to 127.The value is H'00000000 to H'FFFFFFFF			O	
CMASK4	Bitmap for carriers 128 to 159. The value is H'00000000 to H'FFFFFFFF			O	
CMASK5	Bitmap for carriers 160 to 191.The value is H'00000000 to H'FFFFFFFF			O	

Table 152: ADSLMSK_NBLK

Parameter name	Description	Range	Default value	Type	Class
CMASK6	Bitmap for carriers 192 to 223. The value is H'00000000 to H'FFFFFFFF			O	
CMASK7	Bitmap for carriers 224 to 255. The value is H'00000000 to H'FFFFFFFF			O	

C_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

Adds an ADSL downstream profile.

Table 153: C_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLDN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLDN_PROFILE_ ID	The ADSL Profile index (1 to 40).			S	R
ADSLDN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 153: C_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 155 with their values separated by commas.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 154: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE

This table provides parameter values for the ADSLPROF_NBLK parameter.

Table 155: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
MINNMR	Minimum Noise Margin (0 to 31 dB) (default = 0).			O	
MAXNMR	Maximum Additional Noise Margin (0 to 31 dB) (default = 31)			O	
TNMR	Target Noise Margin (0 to 31 dB) (default = 6).			O	
MAXPSD	Maximum Power Spectral Density (--52 to --34 dBm/Hz) (default = --40).			O	

Table 155: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
MAXAPLVL	Maximum Aggregate Power Level in dBm. The value is 0 to 20 (default = 20).			O	
RAMODE	Rate Adaptive Mode. The following options are supported: MANUAL (Manually selected at startup).			O	
PIBR	AT_INIT (Automatically selected at startupPlanned interleaved channel bit rate in kbps. Value may be 0 to 65535. (default = 0).			O	
MAXIBR	Maximum interleaved channel bit rate in kbps. Value may be 0 to 65535. (default = 0).			O	
MINIBR	Minimum interleaved channel bit rate in kbps. Value may be 0 to 65535. (default = 0).			O	
MAXIDEL	Maximum delay allowed for the interleaved channel. This parameter determines the interleave depth to be used by the modem. The value may be LOW, MEDIUM, or HIGH (default = HIGH).			O	
PFBR	Planned fast channel bit rate in kbps.Value may be 0 to 65535. (default = 1536).			O	

Table 155: ADSLPROF_NBLK

Parameter name	Description	Range	Default value	Type	Class
MAXFBR	Maximum fast channel bit rate in kbps.Value may be 0 to 65535. (default = 6144).			O	
MINFBR	Minimum fast channel bit rate in kbps.Value may be 0 to 65535. (default = 1024).			O	

C_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Add ADSL Line profile.

Table 156: C_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLLP_PROFILE_I D	The ADSL Profile index (1 to 40).			S	R
ADSLLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 156: C_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 155 with their values separated by commas.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

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-DSLAM_8-X_ADD_ADSL-LINE-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE

C_ALA-DSLAM_8-X_ADD_ADSL-PORT

Adds an ADSL port.

Table 158: C_ALA-DSLAM_8-X_ADD_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
ADSLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

Table 158: C_ALA-DSLAM_8-X_ADD_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
ADSLP_PST	The required Primary State to be set. The supported options are: IN (In-Service) / OOS (Out-Of-Service).			S	O
ADSLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSL_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 160 with their values separated by commas.			C	R
AID_ADSL	Access Identifier for the ADSL line.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

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-DSLAM_8-X_ADD_ADSL-PORT	A_ALA-DSLAM_8-X_ADD_ADSL-PORT

This table provides parameters for the ADSL_NBLK parameter.

Table 160: ADSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
PORTID	Port identifier. This is a non case sensitive string label (up to 32 characters long) identifying the user this port has been assigned to.Following reserved values may not be specified by the operator: AVAILABLE—Indicates the port is free (not assigned) FAULTY—Indicates a failed port that cannot be assigned			O	
ADSLPROF	ADSL Line Profile Index. It is a numeric index (1 to 40)			O	
ADSLPROFNM	ADSL Line Profile name.			O	

C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Adds an ADSL profile.

Table 161: C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLACT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

Table 161: C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLACT_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLACT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLCOM_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLCOM_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 149 with their values separated by commas.			C	R
ADSLCOM_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLCOM_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 161: C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLDN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLDN_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLDN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLLP_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Table 161: C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLMSK_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLMSK_NBLK	The parameter block containing one or more of the following named parameters in Table 152, separated with their values separated by commas for provisioning the ADSL DMT carrier mask.			C	R
ADSLMSK_PROFILE _ID	The ADSL Profile index (1 to 40).			S	R
ADSLMSK_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
ADSLPROF_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLPROF_LATEN CY	The latency of the ADSL line. Options include: FAST / INTERLEAVED.			S	O

Table 161: C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 155 with their values separated by commas.			C	R
ADSLPROF_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLPROF_PROFILE_NAME	A string 1 to 32 characters long which uniquely identifies this profile within its scope.			S	R
ADSLPROF_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 162: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-PROFILE
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-LINE-PROFILE
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-COMMON-PROFILE

Table 162: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-DOWNSTREAM-PROFILE
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-DMT-PROFILE
C_ALA-DSLAM_8-X_ADD_ADSL-PROFILE	A_ALA-DSLAM_8-X_ACT_ADSL-PROFILE

C_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Adds an ADSL upstream profile.

Table 163: C_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLPROF_NBLK	The ADSL line parameter block containing one or more of the following named parameters in Table 155 with their values separated by commas.			C	R
ADSLUP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O
ADSLUP_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R

Table 163: C_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLUP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 164: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE	A_ALA-DSLAM_8-X_ADD_ADSL-UPSTREAM-PROFILE

C_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Adds SHDSL parameters.

Table 165: C_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
AID_SHDSL	The Access identifier for the SHDSL circuit.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Table 165: C_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
SHDSL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	R
SHDSL_NBLK	The SHDSL circuit parameter block containing one or more of the following named parameters in Table 167 with their values separated by commas.			C	R
SHDSL_NUM_REPEATERS	Number of repeaters provisioned for this SHDSL span.			S	O
SHDSL_PST	The required Primary State to be set. The supported options are: IS (In-Service) / OOS (Out-Of-Service).			S	O
SHDSL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 166: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS	A_ALA-DSLAM_8-X_ADD_SHDSL-PARAMETERS

This table provides parameters for the SHDSL_NBLK parameter.

Table 167: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
PORTID	Port identifier. This is a non case sensitive string label (up to 32characters long) identifying the user this port has been assigned to.Following reserved values may not be specified by the operator: AVAILABLE—Indicates the port is free (not assigned) FAULTY—Indicates a failed port that cannot be assigned (default = AVAILABLE			O	
PSDTYPE	Type of Power Spectral Density template to be used: SYMMETRIC (default) ASYMMETRIC				
WIREMODE	The loop wiring option to be used: 2WIRE (default) 4WIRE				

Table 167: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
MINLINERATE	Minimum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Modeand multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.				
MAXLINERATE	Maximum line payload rate to be configured in kpbs. Multiples of 64k are supported within the range of (192 to 2304) in 2WIRE Mode and multiples of 128k within the range of (384 to 4608) in 4WIRE Mode. An additional rate of 2312 kbps is supported in 2WIRE mode for special applications.				
TARRMDNWC	Target Relative Margin in Downstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E--7. Allowed range is (--11 to 10) where 11 indicates not to use this parameter. Default=5 dB.				

Table 167: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
TARRMDNCC	Target Relative Margin in Downstream direction, for Current Contitions, to be used during handshake in gauging a BER better than 1E--7. Allowed range is (--11,0 to 10) where 11 indicates not to use this parameter.				
TARRMUPWC	Target Relative Margin in Upstream direction, for reference WorstCase, to be used during handshake in gauging a BER better than 1E--7.Allowed range is (--11 to 10) where 11 indicates not to use this parameter.DEFAULT=5 dB.				
TARRMUPCC	Target Relative Margin in Upstream direction, for Current Contitions, to be used during handshake in gauging a BER better than 1E--7. Allowed range is (--11,0 to 10) where 11 indicates not to use this parameter.DEFAULT=5 dB.				
REMOTEMGT	Management operations from the remote unit (STU--R): DISABLED (default) ENABLED				

Table 167: SHDSL_NBLK

Parameter name	Description	Range	Default value	Type	Class
REGIONCONF	Regional setting configuration. Following options are supported: A : Region--A as per ITU--T G.991.2 Annex--A (default) B : Region--B as per ITU--T G.991.2 Annex--B				
IMAGRP	The AID of the IMA Group this facility is to be assigned to. Options are: LTIMA--imagrp (imagrp = 1 to 24) NULL Do not use IMA. This SHDSL will directly transport ATM.			O	

C_ALA-DSLAM_8-X_DEL_ADSL-PORT

Frees an ADSL port.

Table 168: C_ALA-DSLAM_8-X_DEL_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
ADSLP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

Table 168: C_ALA-DSLAM_8-X_DEL_ADSL-PORT

Parameter name	Description	Range	Default value	Type	Class
ADSLP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
PORT_AID	The AID for the user port.			C	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-DSLAM_8-X_DEL_ADSL-PORT	A_ALA-DSLAM_8-X_DEL_ADSL-PORT

C_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Deletes an ADSL profile.

Table 170: C_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLDLT_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	O

Table 170: C_ALA-DSLAM_8-X_DEL_DSL-PROFILE

Parameter name	Description	Range	Default value	Type	Class
ADSLDLT_PROFILE_ID	The ADSL Profile index (1 to 40).			S	R
ADSLDLT_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			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-DSLAM_8-X_DEL_DSL-PROFILE	A_ALA-DSLAM_8-X_DEL_DSL-PROFILE

C_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Modifies SHDSL parameters.

Table 172: C_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
AID_SHDSL	The Access identifier for the SHDSL circuit.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Table 172: C_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Parameter name	Description	Range	Default value	Type	Class
SHDSL_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters.			S	R
SHDSL_NBLK	The SHDSL circuit parameter block containing one or more of the following named parameters in Table 167 with their values separated by commas.			C	R
SHDSL_NUM_REPEATERS	Number of repeaters provisioned for this SHDSL span.			S	O
SHDSL_PST	The required Primary State to be set. The supported options are: IN (In-Service) / OOS (Out-Of-Service).			S	O
SHDSL_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

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-DSLAM_8-X_MOD_SHDSL-PARAMETERS	A_ALA-DSLAM_8-X_MOD_SHDSL-PARAMETERS

Interfaces

The Alcatel A1000 DSLAM cartridge provides the following CSDL commands to support the Interfaces service on Alcatel A1000 DSLAM NEs:

◆ C_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

◆ C_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

◆ C_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

C_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Add an OC3 interface.

Table 174: C_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
AID_OC3	Access Identifier for the OC3 Facility.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
OC3_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 174: C_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
OC3_NBLK	OC3 Facility parameter block containing the following named parameters with their values: OPMODE .			C	R
OC3_PST	The required Primary State to be set. The supported options are: IN (In-Service) / OOS (Out-Of-Service).			S	O
OC3_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

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-DSLAM_8-X_ADD_OC3-INTERFACE	A_ALA-DSLAM_8-X_ADD_OC3-INTERFACE

C_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

Add T1/DS1 Interface.

Table 176: C_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
AID_DS1	Access Identifier for the T1 (DS1) facility.			C	R
DS1_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O
DS1_NBLK	The DS1 facility parameter block containing one or more of the following named parameters in Table 178 with their values separated by commas.			C	R
DS1_PST	The required Primary State to be set. The supported options are: IN (In-Service) / OOS (Out-Of-Service.			S	O
DS1_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			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-DSLAM_8-X_ADD_T1DS1-INTERFACE	A_ALA-DSLAM_8-X_ADD_T1DS1-INTERFACE

This table provides parameter values for the DS1_NBLK parameter.

Table 178: DS1_NBLK

Parameter name	Description	Range	Default value	Type	Class
PORTID	Port identifier. This is a non case sensitive string label (up to 32 characters long) identifying the user this port has been assigned to. Following reserved values may not be specified by the operator: AVAILABLE—Indicates the port is free (not assigned) FAULTY—Indicates a failed port that cannot be assigned (default = RESERVED)			O	
LINETYPE	Type of line interface used: DSX1—DSX1 interface (GR--499--CORE) T1—T1 Power Loop (TR--57) (Not supported for DS1--LT) AUTO—Auto detect (default)			O	

Table 178: DS1_NBLK

Parameter name	Description	Range	Default value	Type	Class
LBO	Line Build Out in dB. (Only for T1 interfaces) Following options are supported: 0 / 7.5 / 15 / 22.5 (default = 0 dB)			O	
EQLZ	Line Equalization (Only for DSX1 interfaces). Option Cable Length (Feet) / Equalization (dB)0 0 to 133 / 0.6 dB (default) 200 133 to 266 / 1.2 dB300 266 to 399 / 1.8 dB500 399 to 533 / 2.4 dB600 533 to 655 / 3.0 d			O	

C_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Add T3/DS3 Interface.

Table 179: C_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
AID_DS3	Access Identifier for the T3 (DS3) facility.			C	R
DS3_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long. It is optional to specify, and assumes the value '0' if not specified.			S	O

Table 179: C_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

Parameter name	Description	Range	Default value	Type	Class
DS3_NBLK	The DS3 facility parameter block containing one or more of the following named parameters in Table 181 with their values separated by commas.			C	R
DS3_PST	The required Primary State to be set. The supported options are: IN (In-Service) / OOS (Out-Of-Service.			S	O
DS3_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R

Mapping to ASDLs

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

Table 180: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE	A_ALA-DSLAM_8-X_ADD_T3DS3-INTERFACE

This table provides parameter values for the DS3_NBLK parameter.

Table 181: DS3_NBLK

Parameter name	Description	Range	Default value	Type	Class
CELLMAPNG	The ATM Cell mapping. Supported options are: PLCP_SCRAM—PLCP Scrambled Mode PLCP_UNSCRAM— PLCP Unscrambled Mode DIRECT_SCRAM— Direct Mapped Scrambled Mode DIRECT_UNSCRAM— Direct Mapped Unscrambled Mode			O	
CRDECPLNG	Method for Cell Rate Decoupling: IDLE—Use Idle Cells UAS—Use Unassigned Cells			O	
OOFDETECT	Mode for detecting OOF (Out of Frame) : 3OF16FBITS—3 out of 16 F Bits 3OF8FBITS—3 out of 8 F Bits(M bit criteria is always used in addition to the above)			O	
LINEBLDOUT	Line Build Out for DS3 line length. The following options are supported: ENABLED DISABLED			O	

Switched Virtual Circuit (SVC)

The Alcatel A1000 DSLAM cartridge provides the following CSDL commands to support SVC service on Alcatel A1000 DSLAM NEs:

◆ C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

◆ C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

◆ C_ALA-DSLAM_8-X_ADD_SVC-USER

◆ C_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

◆ C_ALA-DSLAM_8-X_DEL_SVC-USER

C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Adds a Signalling Channel.

Table 182: C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN	Access Identifier for the ATM Signaling Channel.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
SIGCHN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O
SIGCHN_NBLK	The Signaling Channel parameter block containing one or more of the following named parameters in Table 184 with their values separated by commas.			C	R
SIGCHN_STATE	The required State to be set.			S	O

Table 182: C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
SIGCHN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SIGCHN_VCI	The VPI value associated with the Signaling Channel.			S	O
SIGCHN_VCI	The VCI value associated with the Signaling Channel.			S	O

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-DSLAM_8-X_ADD_SIG-CHANNEL	A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL

This table provides parameter values for the SIGCHN_NBLK parameter.

Table 184: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
XMITTRAFDSCR	Transmit Traffic Descriptor Profile index for the Signaling Channel. The value may be 1 to 310.				

Table 184: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
XMITTRAFDSCRNM	Transmit Traffic Descriptor Profile name for the Signaling Channel.				
RECVTRAFDSCR	Receive Traffic Descriptor Profile index for the Signaling Channel.The value may be 1 to 310.				
RECVTRAFDSCRNM	Receive Traffic Descriptor Profile name for the Signaling Channel.				
MAXACTCALLS	The maximum number of active calls allowed for this Signaling Channel. The value can be: 0 to 4096 for NT 0 to 16 for LT (default = 16)			O	
SAALPROF	The SAAL Profile index for this Signaling Channel. The value can be 1 to 5.			O	
SAALPROFNM	The SAAL Profile name for this Signaling Channel.			O	

Table 184: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SAALMODE	The SAAL mode of operation. Following options are supported: ACTIVE—In this mode the SSCOP always attempts to maintain SAAL connection with its peer by actively sending BEGIN messages. PASSIVE—In this mode the SSCOP only maintains SAAL connection if requested by its peer, or during calls. Idle SAAL connections are terminated. TRANSIENT—In this mode the SSCOP starts in ACTIVE mode, but falls back to PASSIVE mode if no response is received from its peer (default = TRANSIENT).			O	
DSS2PROF	The DSS2 Profile index for this Signaling Channel. The value can be 1 to 5.			O	
DSS2PROFNM	The DSS2 Profile name for this Signaling Channel.			O	
SIGPERFPROF	The Signaling Performance Threshold Profile index for this Signaling Channel. The value can be 0 to 16. The value of 0 disables threshold monitoring(default=0)			O	

Table 184: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
SIGPERFPROFNM	The Signaling Performance Threshold Profile name for thisSignaling Channel. A NULL value disables threshold monitoring.			O	
MULTIPOINT	Is Point-to-Multipoint Connections supported for this Signaling Channel? The value can be YES or NO(default = YES).			O	
SEGENDPT	Is this a OAM Segment End point: N—No (default)Y—Yes			O	

C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Adds Signalling channel parameters.

Table 185: C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN	Access Identifier for the ATM Signaling Channel.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
SIGCHNP_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O

Table 185: C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

Parameter name	Description	Range	Default value	Type	Class
SIGCHNP_STATE	The required State to be set.			S	O
SIGCHNP_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O
SIGCHN_NBLK	The Signaling Channel parameter block containing one or more of the following named parameters in Table 187 with their values separated by commas.			C	R

Mapping to ASDLs

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

Table 186: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS	A_ALA-DSLAM_8-X_ADD_SIG-CHANNEL-PARAMS

This table provides parameter values for the SIGCHN_NBLK parameter.

Table 187: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
MAXACTCALLS	The maximum number of active calls allowed for this Signaling Channel. The value can be: 0 to 4096 for NT 0 to 16 for LT (default = 16)			O	
SAALPROF	The SAAL Profile index for this Signaling Channel. The value can be 1 to 5.			O	
SAALPROFNM	The SAAL Profile name for this Signaling Channel.			O	
SAALMODE	The SAAL mode of operation. Following options are supported: ACTIVE—In this mode the SSCOP always attempts to maintain SAAL connection with its peer by actively sending BEGIN messages. PASSIVE—In this mode the SSCOP only maintains SAAL connection if requested by its peer, or during calls. Idle SAAL connections are terminated. TRANSIENT—In this mode the SSCOP starts in ACTIVE mode, but falls back to PASSIVE mode if no response is received from its peer (default = TRANSIENT).			O	

Table 187: SIGCHN_NBLK

Parameter name	Description	Range	Default value	Type	Class
DSS2PROF	The DSS2 Profile index for this Signaling Channel. The value can be 1 to 5.			O	
DSS2PROFNM	The DSS2 Profile name for this Signaling Channel.			O	
SIGPERFPROF	The Signaling Performance Threshold Profile index for this Signaling Channel. The value can be 0 to 16. The value of 0 disables threshold monitoring(default=0)			O	
SIGPERFPROFNM	The Signaling Performance Threshold Profile name for thisSignaling Channel. A NULL value disables threshold monitoring.			O	
MULTIPOINT	Is Point-to-Multipoint Connections supported for this Signaling Channel? The value can be YES or NO(default = YES).			O	
SEGENDPT	Is this a OAM Segment End point: N—No (default)Y—Yes			O	

C_ALA-DSLAM_8-X_ADD_SVC-USER

Add SVC user.

Table 188: C_ALA-DSLAM_8-X_ADD_SVC-USER

Parameter name	Description	Range	Default value	Type	Class
ATM_ADDRESS	Access Identifier for the SVC User.			S	O
ATM_PORT	The ATM port associated with the SVC user.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
SVCUSER_NBLK	The SVC User parameter block containing one or more of the following named parameters in Table 190 with their values separated by commas.			C	R
SVCUSER_TID	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	R
SVCUSER_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

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-DSLAM_8-X_ADD_SVC-USER	A_ALA-DSLAM_8-X_ADD_SVC-USER

This table provides parameter values for the SVCUSER_NBLK parameter.

Table 190: SVCUSER_NBLK

Parameter name	Description	Range	Default value	Type	Class
CIC	The Carrier Identification Code to use for Transit Network Selection (TNS). The value is a 4 digit CIC (0000 to 9999) or NULL. A NULL value disables TNS. (default = NULL)			O	
ALLOWCALLIN	Are incoming Calls allowed for this SVC User? The value can be YES or NO (default = YES).			O	
ALLOWCALLOUT	Are outgoing Calls allowed for this SVC User? The value can be YES or NO (default = YES)			O	
IDENTPROF	The Line Identification Profile indexfor this SVC User. The value can be 1 to 16			O	
IDENTPROFNM	The Line Identification Profile name for this SVC User.			O	

C_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

Deletes a Signalling Channel.

Table 191: C_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

Parameter name	Description	Range	Default value	Type	Class
AID_SIGCHN	Access Identifier for the ATM Signaling Channel.			C	R
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
SIGCHN_CTAG	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	O
SIGCHN_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 192: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_SIG-CHANNEL	A_ALA-DSLAM_8-X_DEL_SIG-CHANNEL

C_ALA-DSLAM_8-X_DEL_SVC-USER

Deletes an SVC user.

Table 193: C_ALA-DSLAM_8-X_DEL_SVC-USER

Parameter name	Description	Range	Default value	Type	Class
ATM_ADDRESS	Access Identifier for the SVC User.			S	O
NE_ID_ALA-DSLAM	Host NE Identifier.			S	R
SVCUSER_TID	The command correlation tag is used to correlate the response of the command with the original command itself. The value may be an identifier or a decimal number up to six characters long.			S	R
SVCUSER_TID	The target identifier (TID) for the NE. It should match the SID assigned to the NE, or be NULL. A NULL value matches the NE processing this command. If not specified, a NULL value is assumed.			S	O

Mapping to ASDLs

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

Table 194: CSDL to ASDL Mapping

CSDL	ASDL
C_ALA-DSLAM_8-X_DEL_SVC-USER	A_ALA-DSLAM_8-X_DEL_SVC-USER

5

Configuring ASAP to Support Additional NE Instances

You can configure ASAP to support the Alcatel A1000 DSLAM - NEP configuration using the Service Activation Configuration Tool (SACT). Refer to the *ASAP Administration Guide* fore more information.

The following page contains an example of the Activation.Configuration.XML file for the Alcatel A1000 DSLAM cartridge.

```
<?xml version="1.0" encoding="UTF-8"?>
<activationConfig xmlns="http://www.metasolv.com/ServiceActivation/
  2003/ActivationConfig" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance" xsi:schemaLocation="http://www.metasolv.com/ServiceActi-
  vation/2003/ActivationConfig
M:\hlam_view\ASAP_base\ASAP\jmx\xsd\ActivationConfig.xsd">

<connectionPool name="ALADSL1">
   <device name="ala_dsl_dev1">
      <environment>DEVELOPMENT</environment>
      <lineType>TELNET_CONNECTION</lineType>
   </device>
   <device name="ala_dsl_dev1">
      <environment>DEVELOPMENT</environment>
      <lineType>TELNET_CONNECTION</lineType>
   </device>
</connectionPool>

<element name="ALA_DSL_HOST">
   <technology>ALA-DSLAM</technology>
   <softwareLoad>8-X</softwareLoad>
   <nepServerName>$NEP</nepServerName>
   <primaryPool>ALADSL1</primaryPool>
   <maximumConnections>30</maximumConnections>
   <dropTimeout>5</dropTimeout>
   <spawnThreshold>1</spawnThreshold>
   <killThreshold>0</killThreshold>
   <routingElement name="ALA_DSL_HOST">
      <atomicService/>
   </routingElement>
   <communicationParameter>
      <label>HOST_IPADDR</label>
      <value>
         <value>10.9.1.221</value>
```

```
            </value>
            <description>Remote Host IP Address</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>HOST_NAME</label>
            <value>
                <value>sloth</value>
            </value>
            <description>JEDD Server Host</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>AMS_PORT</label>
            <value>
                <value>23</value>
            </value>
            <description>Remote Host Password</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>LOGIN_TIMEOUT</label>
            <value>
                <value>20000</value>
            </value>
            <description>Connection timeout</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>READ_TIMEOUT</label>
            <value>
                <value>20000</value>
            </value>
            <description>Read timeout</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>AMS_USER</label>
            <value>
                <value>asap</value>
            </value>
            <description>AMS User Name</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
            <lineType>TELNET_CONNECTION</lineType>
        </communicationParameter>
        <communicationParameter>
            <label>AMS_PASSWORD</label>
            <value>
                <value>asap</value>
            </value>
            <description>AMS Password</description>
            <deviceName>COMMON_DEVICE_CFG</deviceName>
```

```
        <lineType>TELNET_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>AMS_TID</label>
        <value>
            <value>%AMS_TID</value>
        </value>
        <description>AMS Target ID</description>
        <deviceName>COMMON_DEVICE_CFG</deviceName>
        <lineType>TELNET_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>AMS_UID</label>
        <value>
            <value>%AMS_UID</value>
        </value>
        <description>AMS user ID</description>
        <deviceName>COMMON_DEVICE_CFG</deviceName>
        <lineType>TELNET_CONNECTION</lineType>
    </communicationParameter>
    <communicationParameter>
        <label>AMS_PID</label>
        <value>
            <value>%AMS_PID</value>
        </value>
        <description>AMS PID value</description>
        <deviceName>COMMON_DEVICE_CFG</deviceName>
        <lineType>TELNET_CONNECTION</lineType>
    </communicationParameter>

</element>

</activationConfig>
```

Figure 2: Activation configuration XML file

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 under /Alcatel_DSLAM_8.0, copy the .sar file to the new directory and un-jar the sar file, as described by Step 1 through Step 4 in "Modifying Alcatel_DSLAM_8_X_ne_config.xml" on page 10.

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 "Modifying Alcatel_DSLAM_8_X_ne_config.xml" on page 10 for directions on how to load a new XML file.