

Oracle Communications

ASAP Cartridge for Alcatel A1000

The *ASAP Cartridge for Alcatel A1000* is an optional software component that enables ASAP to activate ATM, DSL, SVC and Interface related services on Alcatel A1000 system.

Supported Services

ATM Services

The *ASAP Cartridge for Alcatel A1000* supports the following actions related to ATM services:

Service	Actions & Description
ATM Port	<ul style="list-style-type: none"> • Configures the data association with ATM ports (NT or LT)
Virtual Circuit Link (VCL)	<ul style="list-style-type: none"> • Create a virtual circuit link on an NT or LT interface • Remove a existing virtual circuit link on an NT or LT interface
Virtual Path Link (VPL)	<ul style="list-style-type: none"> • Create a virtual path link on an NT or LT interface • Remove a virtual path link on an NT or LT interface
VC Cross Connect	<ul style="list-style-type: none"> • Create a VC level cross connect between NT and LT cards • Activate the VC cross connect. • Deactivate the VC cross connect • Remove the existing VC cross connection between NT and LT cards
VP Cross Connect	<ul style="list-style-type: none"> • Create a VP level cross connect between NT and LT cards • Activate the VP cross connect. • Deactivate the VP cross connect • Remove the existing VP cross connection between NT and LT cards
ATM Access Profile	<ul style="list-style-type: none"> • Create an ATM access profile • Remove an existing ATM access profile

ATM Connection Admission Control (CAC) Profile	<ul style="list-style-type: none"> • Create an ATM Connection Admission Control profile • Remove an existing ATM Connection Admission Control profile
ATM Cell Delay Variation Tolerance (CDVT) Profile	<ul style="list-style-type: none"> • Create an ATM Cell Delay Variation Tolerance profile for SVC connection • Remove an ATM Cell Delay Variation Tolerance profile for SVC connection
ATM Traffic Descriptor Profile	<ul style="list-style-type: none"> • Create an ATM traffic descriptor profile • Remove an ATM traffic descriptor profile

DSL service

Service	Description
ADSL (LT) port	<ul style="list-style-type: none"> • Configure provisioning data associated with an ADSL facility on an LT card • Un-assign (free) an ADSL port used by a user
Create ADSL Line profile	<ul style="list-style-type: none"> • Configure ADSL line profile
Create ADSL COM profile	<ul style="list-style-type: none"> • Configure ADSL modem provisioning parameters that are common to both upstream and downstream directions in a newly created (un—activated) ADSL Profile.
ADSL DN profile	<ul style="list-style-type: none"> • Configure ADSL line provisioning parameters for the downstream direction in a newly created (un—activated) ADSL Profile.
ADSL UP profile	<ul style="list-style-type: none"> • Configure ADSL line provisioning parameters for the upstream direction in a newly created (un—activated) ADSL Profile.
ADSL DMT profile	<ul style="list-style-type: none"> • Configure the ADSL DMT carrier—mask in a newly created ADSL Profile.
ADSL profile	<ul style="list-style-type: none"> • Create a ADSL profile • Activates the newly created ADSL profile • Remove an existing ADSL profile

SHDSL parameters	<ul style="list-style-type: none"> • Configure the provisioning parameters associated with the SHDSL facility • Modify the provisioning parameters associated with the SHDSL facility
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Interface service

Service	Description
T1/DS1 interface	<ul style="list-style-type: none"> • Configure T1/DS1 interface parameters
T3/DS3 interface	<ul style="list-style-type: none"> • Configure T3/DS3 interface parameters
OC3 interface	<ul style="list-style-type: none"> • Configure OC3 interface parameters

SVC (Switched Virtual Circuit) services

Service	Description
Signaling Channel	<ul style="list-style-type: none"> • Add new signaling channel • Configure the parameters associated with the signaling channel • Remove an existing signaling channel
SVC User	<ul style="list-style-type: none"> • Add a SVC user • Remove the parameters associated with the SVC user.

Cartridge Contents

The *ASAP Cartridge for Alcatel A1000* includes:

- Common Service Description Layer Commands (CSDLs)
- Atomic Service Description Layer Commands (ASDLs)
- Java methods
- Installation scripts
- Sample work orders
- Cartridge manual

This cartridge can be extended by any of the following:

- Customers
- Systems Integrators
- Oracle Communications Services

The *ASAP Cartridge Development Kit (CDK) for Service Activation* provides guidelines for extending a cartridge.

Technical Specifications

Hardware & Software Requirements

The *ASAP Cartridge for Alcatel A1000* is designed to operate with the following hardware and software:

- Alcatel A1000 system running software load FG8.0.

Network Element Interface

The ASAP cartridge interfaces with the Alcatel A1000 system using Telnet connection.