

Oracle Communications

ASAP Cartridge for Cisco BTS 10200 Soft Switch

The ASAP Cartridge for *Cisco BTS 10200* is an optional software component that enables ASAP to activate subscriber, Media Gateway Provisioning, Office Provisioning and SIP (Session Initiation Protocol) related services on Cisco BTS 10200 system. It also supports Transaction, Administration and Maintenance related service.

Supported Services

Subscriber Services

The *ASAP Cartridge for Cisco BTS 10200* supports the following actions related to subscriber services:

Service	Actions & Description
Subscriber	<ul style="list-style-type: none"> • Add new subscriber • Delete an existing subscriber • Modify an existing subscriber information • Queries an existing subscriber details.
Subscriber Features	<ul style="list-style-type: none"> • Add subscriber features • Delete an existing subscriber features • Modify an existing subscriber features • Queries an existing subscriber features details.
Subscriber Profile	<ul style="list-style-type: none"> • Add new subscriber profile • Delete an existing subscriber profile • Modify an existing subscriber profile. • Queries an existing subscriber profile
Subscriber Service Profile	<ul style="list-style-type: none"> • Add new subscriber service profile • Delete an existing subscriber service profile • Modify an existing subscriber service profile • Queries an existing subscriber service profile

Subscriber Time of Day	<ul style="list-style-type: none"> • Add subscriber time of day • Delete an existing subscriber time of day • Modifies an existing subscriber time of day • Queries an existing subscriber time of day
Authorization Code	<ul style="list-style-type: none"> • Add an authorization code • Delete an existing authorization code • Modifies an existing authorization code • Queries an existing authorization code details
Authorization Code Group	<ul style="list-style-type: none"> • Add an authorization code group • Delete an existing authorization code group • Modifies an existing authorization code group • Queries an existing authorization code group details
Causal WB List	<ul style="list-style-type: none"> • Add casual white black list • Delete an existing casual white black list • Queries an existing casual white black list details
Changed Number	<ul style="list-style-type: none"> • Add changed number • Delete an existing changed number • Modify an existing changed number • Queries and existing changed number details.
DN to Subscriber	<ul style="list-style-type: none"> • Add DN to subscriber • Delete an existing DN to subscriber • Modifies an existing DN to subscriber • Queries an existing DN to subscriber
International WB List	<ul style="list-style-type: none"> • Add international while black list • Delete an existing international white black list • Queries an existing international white black list
Nature of Dial WB List	<ul style="list-style-type: none"> • Add nature of dial white black list • Delete an existing nature of dial white black list • Queries an existing nature of dial white black list details

National WB List	<ul style="list-style-type: none"> • Add national white black list • Delete an existing national white black list • Queries an existing national white black list
Screen List	<ul style="list-style-type: none"> • Add screen list • Delete existing screen list • Modify an existing screen list • Queries an existing screen list details.
Speed Call – One Digit	<ul style="list-style-type: none"> • Add a speed call – one digit • Delete an existing speed call – one digit • Modify an existing speed call – one digit • Queries an existing speed call – one digit
Speed Call – Two Digit	<ul style="list-style-type: none"> • Add a speed call – two digit • Delete an existing speed call – two digit • Modify an existing speed call – two digit • Queries an existing speed call – two digit

Media Gateway Provisioning Services

Service	Description
Media Gateway Provisioning	<ul style="list-style-type: none"> • Add new media gateway provisioning • Delete an existing media gateway provisioning • Modify an existing media gateway provisioning • Queries an existing media gateway provisioning details.

SIP Services

Service	Description
AOR to Subscriber	<ul style="list-style-type: none"> • Add address of record to subscriber • Delete and existing address of record to subscriber • Modify an existing address of record to subscriber • Query an existing address of record to subscriber

User Authentication	<ul style="list-style-type: none"> • Add user authentication • Delete an existing user authentication • Modify an existing user authentication • Queries an existing user authentication details
MAC to Subscriber	<ul style="list-style-type: none"> • Add MAC to subscriber • Delete an existing MAC to subscriber • Modifies an existing MAC to subscriber • Queries an existing MAC to subscriber

Administrative Services

Service	Description
Control AOR to Subscriber	<ul style="list-style-type: none"> • Control an aor2sub id to terminate the session initiation protocol • Change and address record to subscriber id

Office Provisioning Services

Service	Description
Media Gateway	<ul style="list-style-type: none"> • Add new media gateway • Delete existing media gateway • Modify an existing media gateway • Queries an existing media gateway details • Control a media gateway
Termination	<ul style="list-style-type: none"> • Add new termination • Delete an existing termination • Modify an existing termination • Queries and existing termination

Transaction Services

Service	Description
Show Transaction Queue	<ul style="list-style-type: none">• Allows users to view entries in the transaction queue.

Administration and Maintenance Services

Service	Description
Subscriber Termination	<ul style="list-style-type: none">• Control a subscriber-termination on a particular gateway.• Equip an existing subscriber-termination• Unequip an existing subscriber-termination
Media Gateway	<ul style="list-style-type: none">• Control a media gateway in service.

Cartridge Contents

The *ASAP Cartridge for Cisco BTS 10200* 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 Cisco BTS 10200* is designed to operate with the following hardware and software:

- Cisco BTS 10200 system running software load 4.4.

Network Element Interface

For Cisco BTS 10200 system Release Version 4.4, the ASAP cartridge interfaces with the Cisco BTS 10200 system using SSH connection over TCP/IP.