Oracle Communications ASAP Cartridge for BroadSoft's Application Server

The *ASAP Cartridge for BroadSoft's Application Server* is an optional software component that enables ASAP to activate VOIP services on the BroadSoft's Application Server.

Supported Services

VOIP Services

The *ASAP Cartridge for BroadSoft's Application Server* supports the following actions related to VOIP services:

Service	Service Description
Add service provider/enterprise	Create a new service provider/enterprise
Modify service provider/enterprise	Modify an existing service provider/enterprise
Delete service provider/enterprise	Delete a new service provider/enterprise.
Add service provider/enterprise administrator	Create a new service provider/enterprise administrator
Delete service provider/enterprise administrator	Delete an existing service provider/enterprise administrator
Add domain	Add a domain to a particular service provider/enterprise
Delete domain	Delete a domain from a particular service provider/enterprise
Authorize Services/Service Packs	Authorize services that can be used for a particular service provider or group (service packs can also be included within group)
Unauthorize Services/Service Packs	Unauthorize services from being used for a particular service provider or group (service packs can also be included within group)
Create Service Pack	Create a Service pack to be used by a particular service provider/enterprise – contains a group of services and quantities available of each service
Modify Service Pack	Modify a Service pack being used by a particular service provider/enterprise
Delete Service Pack	Deletes a Service pack from being used by a particular service provider/enterprise
Assign Directory Numbers	Assign directory numbers to both service providers/enterprises and groups

UnAssign Directory Numbers	Unassign directory numbers from both service providers/enterprises and groups
Add Group	Add a group to a particular service provider/enterprise
Modify Group Profile	Modify a groups parameters
Delete Group	Delete a group from a particular service provider/enterprise
Assign Domains to Group	Assign domains already created for a service provider/enterprise to the specific group
Unassign Domains to Group	Unassign domains from a specific group
Add Department	Add departments to groups
Delete Department	Delete departments from groups
Assign Department Admins	Add administrators to departments
Unassign Department Admins	Deletes admins from departments.
Assign Services	Assign services to both groups and users. There are specific services for group and specific services for users.
Unassign Services	Unassign services from both groups and users.
Add Group Administrator	Add a new group admin
Delete Group Administrator	Delete an existing group admin.
Modify Group Services	Modify the set of services assigned to groups. The following services/features can be modified: Account Authorization Codes, Auto Attendant, Call Capacity Management, Call Center, Call Park, Call Pickup, Hunt Group, Intercept Group, Music On Hold, Outgoing Call Plan, Series Completion, Voice Messaging Group
Modify User Services	Modify the set of services assigned to groups and users. The following services/features can be modified: User Alternate Numbers, Authentication, Voice Messaging User
Add User	Add user to a group (and optionally to department), assigning extension and directory number.
Modify User Profile	Modify a user's details, including extension and directory number.
Delete User	Delete a user from a group.

Add Access Device	Add Access Device to group or service provider
Delete Access Device	Delete Access Device to group or service provider
Modify Intercept User	Modify Intercept User service.
Modify External Calling Line ID Delivery	Modify User External Calling Line ID Delivery Service
Modify Internal Calling Line ID Delivery	Modify User Internal Calling Line ID Delivery Service
Add Conference	Add Scheduled conference service
Add Quick Conference	Add one-time hour-long conference service
Add Conference Bridge Admin Delegate	Add Delegates for a bridge administrator for a given bridge
Add Group Common Phone List	Add entries to the group common phone list for a group.
Add Group Time Schedule	Add Time Schedule for a group
Add Holiday Schedule	Add Holiday Schedule.
Add User Phone List	Add entries to the user phone list
Add User Time Schedule	Add Time Schedule for a User
Authenticate User	Allows system provider to authenticate a user on the system
Delete Conference	Deletes the conference
Delete Conference Bridge Admin Delegate	Delete a delegate for a bridge administrator for a given bridge
Delete Group Common Phone List	Delete Entries from the group common phone list for a group
Delete Group Time Schedule	Delete Time Schedule for a group
Delete Holiday Schedule	Deletes a holiday schedule
Delete User Phone List	Deletes entries from the user phone list
Delete User Time Schedule	Deletes a time schedule for a user
Query Access Device	Retrieves Access Devices from one or more group/service providers

Query Access Device Line Order	Retrieves the line orders for a access device for a group/service provider
Query Administrator	Retrieves the system Administrators details
Query Assign Group Service	Retrieves the authorized services for one or more groups
Query Assign User Service	Retrieves the list of assigned user services or service packs from one or more users
Query Authorized Service	Retrieves authorized services for one or more groups/service providers
Query Conference	Retrieves all conference details of a bridge
Query Conference Bridge Admin Delegates	Retrieves all delegates for a bridge administrator
Query Conference Bridge Admin Delegators	Retrieves all delegators for a bridge administrator
Query Department	Retrieves the department from a group
Query Department Administrator	Retrieves the department administrators of the department
Query Device Types	Retrieves all device types supported within the system
Query Directory Number	Retrieves the directory numbers assigned to one or more groups/service providers
Query Domain	Retrieves the Domains assigned to one or more groups/service providers
Query Feature Access Code	Retrieves all feature access codes for a group
Query Group (all groups)	Retrieves the details of all groups
Query Group (one group)	Retrieves the details of an existing group
Query Group Administrator	Retrieves the group administrators of a group
Query Group Common Phone List	Retrieves all group common phone list entries for the group
Query Group Profile	Retrieves the details of the group profiles
Query Group Service	Retrieves one or more or all group services
Query Group Time Schedule	Retrieves the Time Schedule for a group
Query Hierarchy	Retrieves all groups and users within the service provider

Query Holiday Schedule	Retrieves Holiday Schedule
Query LDAP Entries	Retrieves the LDAP directory list for a user
Query LDAP Entry Detail	Retrieves the detail entry of LDAP record of a user
Query Service Pack	Retrieves the service pack for a service provider
Query Service Provider	Retrieves the service provider details from an application server
Query Service Provider Administrator	Retrieves one or more service provider administrators of a service provider
Query User (All User)	Retrieves all users within a group
Query User (One User)	Retrieves the details of one user within the group
Query User Call Logs	Retrieves the call logs for a user
Query User List	Retrieves the details of all user within the group
Query User Phone List	Retrieves all entries from the user phone list
Query User Profile	Retrieves user profile of one or more users in group
Query User Service	Retrieves the list of user services that can be configured for a user
Query User Time Schedule	Retrieves the Time Schedule for a user
Modify Access Device	Modify the Access Device for one or more groups/service providers
Modify Access Device Line Order (Group)	Modify the line orders for one or more access devices for a group
Modify Conference	Modifies the existing conference services
Modify Department	Modifies the departments for one or more groups
Modify Feature Access Code	Modifies the feature access code for a group
Modify Group Time Schedule	Modifies the Time Schedule for a group
Modify Holiday Schedule	Modifies the Holiday Schedule
Modify Service Provider	Modifies the Service Provider
Modify User Time Schedule	Modifies the Time Schedule for a user

Modify Customer Originated Trace	Modifies Customer Originated trace service
Modify Emergency zones	Modifies Emergency zones service
Modify Enhanced Outgoing Calling Plan	Modifies enhanced outgoing calling plan
Modify Incoming Calling Plan	Modifies Incoming Calling Plan Service
Modify Instant Conferencing	Modifies Instant Conferencing Service
Modify Inventory Report	Modifies Inventory Report Service
Modify LDAP Integration	Modifies LDAP Integration service
Modify Anonymous Call Rejection	Modifies Anonymous Call Rejection service
Modify Attendant Console	Modifies Attendant Console Service
Modify Automatic Call back	Modifies Automatic Call back service
Modify Barge-in Exempt	Modifies Barge-in Exempt service
Modify Call Forwarding Always	Modifies Call Forwarding Always service
Modify Call Forwarding Busy	Modifies Call Forwarding Busy service
Modify Call Forwarding No Answer	Modifies Call Forwarding No Answer service
Modify Call Forwarding Selective	Modifies Call Forwarding Selective service
Modify Call Line ID Delivery Blocking	Modifies Call Line ID Delivery Blocking service
Modify Calling Line ID Delivery Blocking Override	Modifies Calling Line ID Delivery Blocking Override service
Modify Calling party Category	Modifies Calling party Category service
Modify Calling Name Retrieval	Modifies Calling Name Retrieval service
Modify Call Notify	Modifies Call Notify service
Modify Call Return	Modifies Call Return service
Modify Call Waiting	Modifies Call Waiting service
Modify Client Call Control	Modifies Client Call Control service

Modify CommPilot Call Manager	Modifies Comm Pilot Call Manager service
Modify CommPilot Call Express	Modifies Comm Pilot Call Express service
Modify Directed Call Pickup with Barge-In	Modifies Directed Call Pickup with Barge-In service
Modify Do Not Disturb	Modifies Do Not Disturb service
Modify Flash Call Transfer	Modifies Flash Call Transfer service
Modify Flash Three-way Call	Modifies Flash Three-way call service
Modify Last Number Redial	Modifies Last Number Redial service
Modify Outlook Integration	Modifies Outlook Integration service
Modify Phone Status Monitoring	Modifies Phone Status Monitoring service
Modify Priority Alert	Modifies Priority Alert service
Modify Remote Office	Modifies Remote Office service
Modify Selective Call Acceptance	Modifies Selective Call Acceptance service
Modify Selective Call Rejection	Modifies Selective Call Rejection service
Modify Service Scripts	Modifies Service Scripts service
Modify Shared Call Appearance	Modifies Shared Call Appearance service
Modify Simultaneous Ring Personal	Modifies Simultaneous Ring Personal service
Modify Speed Dial 8	Modifies Speed Dial 8 service
Modify Speed Dial 100	Modifies Speed Dial 100 service
Modify Third-Party MWI Control	Modifies Third Party MWI Control service
Modify Third-Party Voice Mail Support	Modifies Third-Party Voice Mail Support service
Modify Voice Portal Calling	Modifies Voice Portal Calling service
Modify Windows Messenger	Modifies Windows Messenger service
Request Authentication	Verifies the user and allow the user to login into the application server

Request Login	Login to the system from the client application
Request Logout	Logout the system from the client application

Cartridge Contents

The *ASAP Cartridge for BroadWorks Application Server* 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 Professional Services

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

Technical Specifications

Network Element Hardware & Software Requirements

The *ASAP Cartridge for BroadSoft's Application Server* is designed to operate with the following hardware and software:

- BroadSoft's Application Server release 13.0.

Network Element Interface

The ASAP cartridge interfaces with the BroadSoft's Application server using the XML over CORBA interface.