

## Oracle Communications

### ASAP Cartridge for Cisco PSTN Gateway 2200

The *ASAP Cartridge for Cisco PGW 2200* is an optional software component that enables ASAP to activate Dial Plan and IP related services on the Cisco PGW 2200 PSTN Gateway.

### Supported Services

#### Dial Plan Service

The *ASAP Cartridge for Cisco PGW 2200* supports the following Dial Plan related service:

Service	Actions & Description
Dial Plan Configuration	<ul style="list-style-type: none"> <li>• Add a new association between a PSTN public number and a multimedia VoIP numbering plan.</li> <li>• Delete an existing dial plan association.</li> <li>• Query the configuration of an existing dial plan.</li> </ul>
Carrier Selection	<ul style="list-style-type: none"> <li>• Add a single row and single carrier id to the carrier selection list.</li> <li>• Delete an existing carrier from the carrier selection list.</li> <li>• Modify an existing carrier configuration in the carrier selection list.</li> </ul>
Digit Modification String	<ul style="list-style-type: none"> <li>• Add a digit string to the digit modification string list.</li> <li>• Delete an existing digit string from the digit modification string list.</li> <li>• Modify an existing digit string in the digit modification string list.</li> <li>• Query an existing digit string configuration.</li> </ul>
Service	<ul style="list-style-type: none"> <li>• Add a service with the specified service name to a dial plan.</li> <li>• Delete an existing service name from a dial plan.</li> <li>• Modify an existing service name in the dial plan.</li> </ul>
Result	<ul style="list-style-type: none"> <li>• Add a result table to the dial plan.</li> <li>• Delete an existing result table from the dial plan.</li> <li>• Modify an existing result table in the dial plan.</li> </ul>
Result Set	<ul style="list-style-type: none"> <li>• Add a Result Set to the dial plan</li> <li>• Modify Result Set in the dial plan</li> <li>• Delete Result Set from dial plan</li> </ul>

A-Digit Tree	<ul style="list-style-type: none"> <li>• Add an A-Digit tree to the dial plan.</li> <li>• Delete an existing A-Digit tree from the dial plan.</li> <li>• Modify an existing A-Digit tree in the dial plan.</li> </ul>
B-Digit Tree	<ul style="list-style-type: none"> <li>• Add a B-Digit tree to the dial plan.</li> <li>• Delete an existing B-Digit tree from the dial plan.</li> <li>• Modify an existing B-Digit tree in the dial plan.</li> </ul>
Numbering Plan Indicator	<ul style="list-style-type: none"> <li>• Add a numbering plan indicator value to the dial plan.</li> <li>• Delete an existing numbering plan indicator value from the dial plan.</li> <li>• Modify an existing numbering plan indicator value in the dial plan.</li> </ul>
Nature of Address	<ul style="list-style-type: none"> <li>• Add a nature of address value to the dial plan.</li> <li>• Delete an existing nature of address value from the dial plan.</li> <li>• Modify an existing nature of address value in the dial plan.</li> </ul>
Location	<ul style="list-style-type: none"> <li>• Add a location to the dial plan.</li> <li>• Delete an existing location from the dial plan.</li> <li>• Modify an existing location in the dial plan.</li> </ul>
Cause	<ul style="list-style-type: none"> <li>• Add a cause to the dial plan.</li> <li>• Delete an existing cause from the dial plan.</li> <li>• Modify an existing cause in the dial plan.</li> </ul>
Screening	<ul style="list-style-type: none"> <li>• Add an AWHITE/ABLACK/BWHITE/BBLACK list and the required parameters to the dial plan.</li> <li>• Delete an existing screening list from the dial plan.</li> </ul>
Port Table	<ul style="list-style-type: none"> <li>• Add an entry to the port table list of the dial plan.</li> <li>• Delete an existing port table entry.</li> <li>• Modify an existing entry in the port table.</li> </ul>
Term Table	<ul style="list-style-type: none"> <li>• Add an entry to the term table.</li> <li>• Delete an existing entry from the term table.</li> <li>• Modify an existing entry in the term table.</li> </ul>
Dial Plan Selection	<ul style="list-style-type: none"> <li>• Add a dial plan selection list.</li> <li>• Delete an existing dial plan selection list.</li> </ul>

A-Number Dial Plan Selection	<ul style="list-style-type: none"> <li>• Add an A-Number dial plan selection.</li> <li>• Delete an existing A-Number dial plan selection.</li> <li>• Modify the configuration of an existing A-Number dial plan selection.</li> </ul>
------------------------------	---

## IP services

Service	Actions & Description
IP Route	<ul style="list-style-type: none"> <li>• Add a static IP route.</li> <li>• Delete an existing IP route.</li> <li>• Modify the configuration of an existing IP route.</li> </ul>
IP Route Service State	<ul style="list-style-type: none"> <li>• Set IP route service state to out of service (OOS) state</li> <li>• Set IP route service state to in service (IS) state</li> </ul>
IP Link	<ul style="list-style-type: none"> <li>• Add an IP link.</li> <li>• Delete an existing IP link.</li> <li>• Modify the configuration of an existing IP link.</li> </ul>
External Node	<ul style="list-style-type: none"> <li>• Add an external node.</li> <li>• Delete an existing external node.</li> <li>• Modify the configuration of an existing external node.</li> </ul>
MGCP Path	<ul style="list-style-type: none"> <li>• Add a new MGCP path.</li> <li>• Delete an existing MGCP path.</li> <li>• Modify the configuration of an existing MGCP path.</li> </ul>
Association	<ul style="list-style-type: none"> <li>• Add a new association.</li> <li>• Delete an existing association.</li> <li>• Modify the configuration of an existing association.</li> </ul>
Association Service State	<ul style="list-style-type: none"> <li>• Set association service state to out of service (OOS) state</li> <li>• Set association service state to in service (IS) state</li> </ul>
DPNSS Path	<ul style="list-style-type: none"> <li>• Add a new DPNSS path.</li> <li>• Delete an existing DPNSS path.</li> <li>• Modify the configuration of an existing DPNSS path.</li> </ul>
DPNSS Path Signalling Service	<ul style="list-style-type: none"> <li>• Set DPNSS path signalling service to out of service (OOS) state.</li> </ul>

	<ul style="list-style-type: none"> <li>• Set DPNSS path signalling service to IN service (IS) state.</li> <li>• Delete all bearer channels of DPNSS path signalling service</li> <li>• Delete trunk group of DPNSS path signalling service</li> <li>• Block all the carrier identification code (CIC) of DPNSS path signalling service</li> </ul>
Signalling Service Properties	<ul style="list-style-type: none"> <li>• Add signalling service properties.</li> <li>• Delete existing signalling service properties.</li> <li>• Modify the configuration of existing signalling service properties.</li> </ul>
Route Trunk	<ul style="list-style-type: none"> <li>• Add a new route trunk.</li> <li>• Delete an existing route trunk.</li> <li>• Modify the configuration of an existing route trunk.</li> </ul>
Weighted Route Trunk	<ul style="list-style-type: none"> <li>• Add a new weighted route trunk group.</li> <li>• Delete an existing weighted route trunk group.</li> <li>• Modify the configuration of an existing route trunk group.</li> </ul>
Route List	<ul style="list-style-type: none"> <li>• Add a new route list.</li> <li>• Delete an existing route list.</li> <li>• Modify the configuration of an existing route list.</li> </ul>
Switched Trunk	<ul style="list-style-type: none"> <li>• Add a new-switched trunk.</li> <li>• Delete an existing switched trunk.</li> <li>• Modify the configuration of an existing switched trunk.</li> </ul>
Profile	<ul style="list-style-type: none"> <li>• Add a new profile.</li> <li>• Delete an existing profile.</li> <li>• Modify the configuration of an existing profile.</li> </ul>
Trunk Group Profile	<ul style="list-style-type: none"> <li>• Add a new trunk group profile.</li> <li>• Delete an existing trunk group profile.</li> <li>• Modify the configuration of an existing trunk group profile.</li> </ul>
Trunk Group	<ul style="list-style-type: none"> <li>• Add a new trunk group</li> <li>• Modify the configuration if an existing trunk group</li> <li>• Delete an existing Trunk Group</li> </ul>
Call Limitation	<ul style="list-style-type: none"> <li>• Enable the call limitation feature status.</li> <li>• Disable the call limitation feature status.</li> </ul>

	<ul style="list-style-type: none"><li>• Retrieves the Call Limitation feature status.</li><li>• Add Call Limit Value for Location Label.</li><li>• Modify Call Limit Value for Location Label.</li><li>• Delete Call Limit Value for Location Label.</li><li>• Query Call Limit Value for Location Label.</li></ul>
--	---

## Cartridge Contents

The *ASAP Cartridge for Cisco PGW 2200* 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 PGW 2200* is designed to operate with the following hardware and software:

- Cisco PGW 2200 PSTN Gateway Release 9.6 (1).

### *Network Element Interface*

The ASAP cartridge will interface to the Cisco PGW 2200 using its proprietary MML commands over telnet.