Oracle Communications

ASAP Cartridge for Sonus GSX9000 Release 7.3.X

The *ASAP Cartridge for Sonus GSX9000 Release 7.3.X* is an optional software component that enables ASAP to activate devices on the Sonus GSX9000 platform.

Supported Services

The *ASAP Cartridge for Sonus GSX9000* Release 7.3.X supports the following actions:

Service	Actions & Description
Server	• Add the server object to the GSX. • Delete the server object permanently from the GSX node. • Query the server object on the GSX node. • Modify server state on the GSX node. • Modify server mode on the GSX node.
T1 Facility	• Add a T1 circuit that is supported by a Circuit Network Server on the GSX. • Disable a T1 circuit administrative and operational state in order to allow deleting of a CNS/CAN module set. • Modify a T1 circuit that is supported by a Circuit Network Server on the GSX. • Query a T1 circuit that is supported by a Circuit Network Server on the GSX. • Modifies a T1 circuit administrative state that is supported by a circuit Network Server on the GSX • Modify T1 Circuit operational mode that is supported by a circuit network server on the GSX
T1 Local Loopback	• Add T1 local loopback type. • Modify T1 local loopback type.
T1 Remote Loopback	• Add T1 remote loopback type. • Modify T1 remote loopback type.
TCA Filter	• Add the state of TCA filter for the particular error type • Modifies the state of TCA filter for the particular error type

Trunk Groups	• Add trunk group will allow you to associate service groups with trunk groups between switching systems. • Delete trunk group • Modify existing trunk group • Query trunk group • Modify trunk group administrative state • Modify trunk group operational mode
ISUP Service to Trunk Group	• Add an ISUP service by binding a SS7 service to a trunk group and assigns a name and properties to the binding. • Delete an ISUP service from a trunk group. • Modify an existing ISUP service to a trunk group and assigns a name and properties to the binding. • Query an ISUP service • Modifies an ISUP ACC service to a trunk group • Modify ISUP service to a trunk group administrative state • Modify ISUP service to a trunk group operational mode • Modify ISUP service group
ISUP Circuit to ISUP Service on TG	• Adds an ISUP Circuit by configuring the trunk CICs (Call Instance Code) associated with a SS7 service • Delete an ISUP Circuit, removing the trunk CICs associated with a SS7 service. • Modifies the trunk CICs associated with a SS7 service. • Queries the trunk CICs associated with a SS7 service • Modify ISUP circuit administrative state. • Modify ISUP circuit operational mode. • Modify ISUP circuit service farend
ISDN Service	• Add ISDN service (NI2, 5ESS, 4ESS, DMS100) to a trunk group and assigns a name and properties to this binding. • Delete ISDN service from a trunk group. • Modify an existing ISDN service to a trunk group. • Query an ISDN service.

	• Modify ISDN service to a trunk group administrative state • Modify ISDN service to a trunk group operational mode • Modify ISDN service group
ISDN Interface to TG	• Add an ISDN Interface and bind a T1 span to an ISDN service and assigns it a number. • Delete an ISDN Interface from an ISDN Service. • Modify an existing ISDN Interface. • Query an ISDN Interface. • Modify ISDN Interface administrative state.
ISDN B-channel	• Add B-channels, activate and put in the service using ISDN Service on the ISDN Interface. • Adds an operation to the designated ISDN B channel • Modifies configuration of ISDN B-channels. • Query ISDN B-channels details. • Modify B-channels administrative state • Modify B-channel operational mode
ISDN D-Channel	• Adds, configure, activate, and put into service D-channels (Primary and Backup). • Modify the configuration of ISDN D-channels. • Modifies the operational state of the primary D-channels • Modifies the operational state of the backup D-channels

Cartridge Contents

The *ASAP Cartridge for Sonus GSX9000 Release 7.3.X* 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

Hardware & Software Requirements

The *ASAP Cartridge for Sonus GSX9000 Release 7.3.X* is designed to operate with the following hardware and software:

- Sonus GSX9000 system running on software load 7-3-0.

Network Element Interface

The ASAP cartridge will interface to the Sonus GSX9000 Release 7-3-X instance through the Sonus Insight EMS using CLI over a telnet connection.