Oracle Communications ASAP Cartridge

Feature Specification for Siemens SURPASS hiQ8000 – Subscriber Provisioning

Tech Spec for ASAP Cartridge supporting Siemens HIQ8000 Subscriber Provisioning NE Version 14.0

Cartridge Release: R1.0.0

Vendor: SIEMENS (SI)

Technology: HIQ8000SUB

Software Load / Interface Version: 14.0

Protocol: SOAP/WSDL Interface.

Rollback Supported: yes

Complexity: Medium

Current NE Interface Specification Reference: Siemens SURPASS hiQ8000 Release 14.0

Reference Manual: SOAP_XML_Provisioning_R14.0_-_External_Global.pdf

WSDL Reference: nokiasiemensnetworks-hiq8000.wsdl

NE Description: The *Siemens SURPASS hiQ8000 device provides the* provisioning of subscriber data services onto the hiQ8000 Softswitch solution

Host Element Definition:

- *Supports multiple connections to the network element*
- *Configurable SOAP URL details*
- *Configurable login credentials (ID and port)*
- *Configurable open timeout (connection to NE) and read timeout (on responses from the NE)*
- *Configurable NE_Version identification parameter*

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Supported Atomic Actions:

Atomic Action	Description
Create Office Code	Create Office Code
Modify Office Code	Modify the existing Office code
DeleteOfficeCode	Delete an existing Office Code
GetOfficeCode	Query the Office Code
CreateHomeDN	Create Home Directory number
ModifyHomeDN	Modify the existing Home Directory number
DeleteHomeDN	Delete a Home Directory number
GetHomeDN	Query the Home Directory number
CreateMultiLineHuntingGroup	Create Multiline Hunting Group
ModifyMultiLineHuntingGroupInfo	Add, removes and updates Multiline Hunting Group Info
DeleteMultiLineHuntingGroup	Delete Multiline Hunting Group
AddSubToMultiLineHuntingGroup	Add a Subscriber to Multiline Hunting Group
Add Endpoint Profile	Add Endpoint Profile
Modify Endpoint Profile	Modify Endpoint Profile
Delete Endpoint Profile	Delete Endpoint Profile
Query Endpoint Profile	Query Endpoint Profile
Modify Endpoint Features	Modify Endpoint Features
Add Subscriber	Create a new Subscriber
Add Secondary Dn	Create a secondary Dn for Subscriber
Modify Subscriber's Feature	Update Subscriber's features
Modify Subscriber Status	Update Subscriber's Status
Modify Subscriber Port	Update Subscriber's Port
Modify Subscriber Connection Info	Update Subscriber's Connection Info
Modify Subscriber Account Management Info	Update Subscriber's Account Management Info
Disconnect Subscriber	Disconnect Subscriber
Delete Subscriber	Delete Subscriber
Query Subscriber Info	Get Subscriber Information
Modify Subscriber PICs	Update Subscriber PICs
Modify subscriber's Directory Number	Update subscriber's Directory Number to a new number on the same platform.
Create Directory number Definition	Create Directory number Definition
Delete Directory number Definition	Delete Directory number Definition details
Query Directory number Definition	Get Directory number Definition information

Cartridge Deliverables

Software:

- Atomic Actions (for testing purposes)

- Service Actions (for testing purposes)

- Action Processors

- Connection Handlers

- Installation script

- Sample Network Element Configuration

- Sample Work Orders

Documentation:

- Cartridge Guide: Containing descriptions of the following items:

  - o   Atomic Actions

  - o   Service Actions

  - o   Installation Procedures

  - o   Sample Network Element Configuration

- Cartridge Release Record: Indicating the software used during the certification process of the product.

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