



Signaling Delivery Controller

Web Services API Guide

5.2

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About this Document

Document Name: F5 Signaling Delivery Controller Web Services API Guide

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Document Objectives

This document provides the user with a description of the Web Service APIs that are available to the user as an additional way to work with the SDC.

Document History

Revision Number	Change Description	Change Location

Conventions

The style conventions used in this document are detailed in Table 1.

Table 1: Conventions

Convention	Use
Normal Text Bold	Names of menus, commands, buttons, user-initiated CLI commands and other elements of the user interface
<i>Normal Text Italic</i>	Links to figures, tables, and sections in the document, as well as references to other documents
Script	Language scripts
Courier	File names





Convention	Use
 Note:	Notes which offer an additional explanation or a hint on how to overcome a common problem
 Warning:	Warnings which indicate potentially damaging user operations and explain how to avoid them



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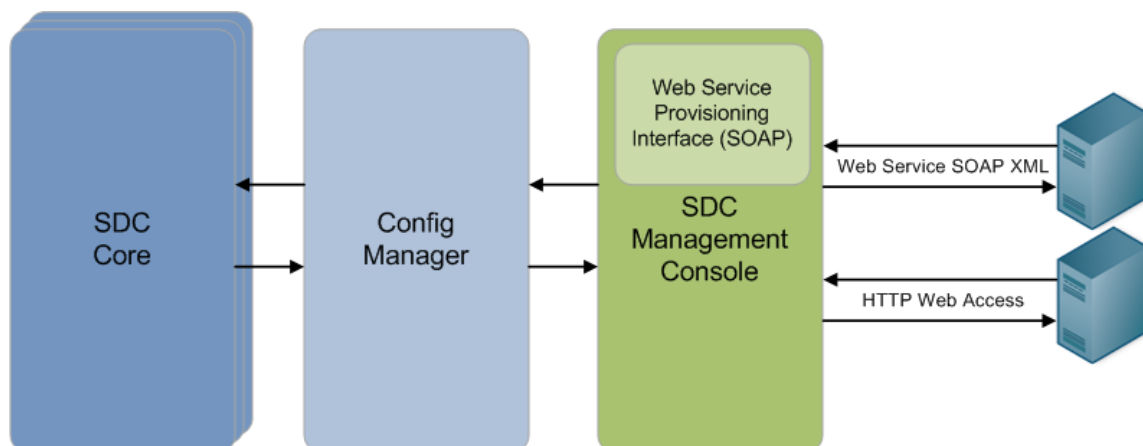
1. Web Service API Overview

Many configuration changes to the F5® Traffix® Signaling Delivery Controller™ (SDC) can be processed by invoking Web Service APIs provided by a provisioning interface of SDC.

1.1 Software Architecture

The F5 SDC provisioning interface is based on SOAP API and is integrated as part of SDC Management Console. SDC Management Console is a system configuration web based application. The user can either connect to SDC Management Console to configure SDC from the Web Interface or by invoking the exposed WS APIs.

Figure 1: SDC Software Architecture



The following are SDC's Components as shown in *Figure 1*.

- **SDC Core:** Gateway/LB/DRA handling Diameter and other signaling protocol traffic.
- **Config Manager:** SDC Management Console is a configuration management module, responsible for configuring the SDC, providing configuration backup, restore and roll-back functionalities.



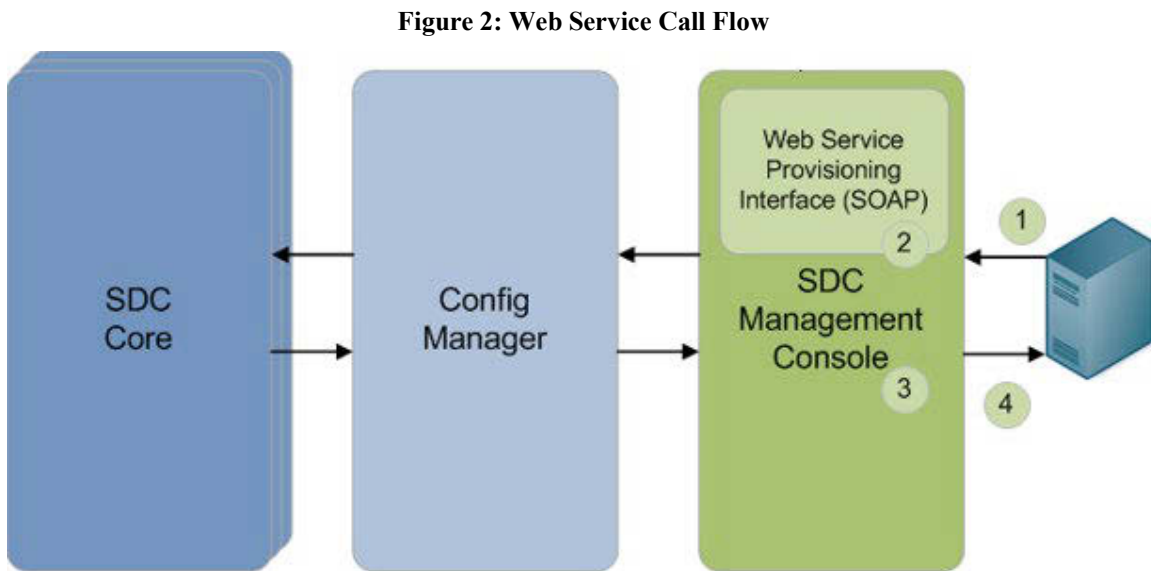
- **SDC Management Console:** a web based application, providing GUI based application and SOAP APIs configuration interface

1.2 Web Service Interface Functionality

The provisioning interface enables a user to use a set of commands for configuration of SDC Connections (peers and pools) and traffic flow management (routing rules and more).

For a detailed description of the WS APIs, see *Web Service API Methods*.

Figure 2 shows the WS provisioning interface Call Flow.



The order in which SDC handles SOAP calls is described in *Table 2*.

Table 2: Call Flow Description

Order	Action Description
1.	The client sends an XML request to the SDC Management Console: The URL for the WS provisioning interface is: <i>http://<address of WEBUI>:8080/MgmtConsole/provisioningWs?wsdl</i> The URL for the WS flow management provisioning interface is: <i>http://<WebUI address>:8080/MgmtConsole/provisioningWs/flowManagement?wsdl</i>



Order	Action Description
2.	The XML request is translated into a configuration command
3.	The SDC Management Console validates the command. In case of a valid command, the command is executed by a Config Manager. In case of an error, the command is discarded and an error is sent back to the client.
4.	The Management Console sends an XML response with the result status, which indicates whether the command was executed successfully or failed. In case of an error, the error description is included in the response.



Note: All changes done via the WS interface are automatically applied to the system.

1.3 Running and Authenticating a Request

Configuration Changes sent as SOAP requests require authentication against the SDC user management mechanism.

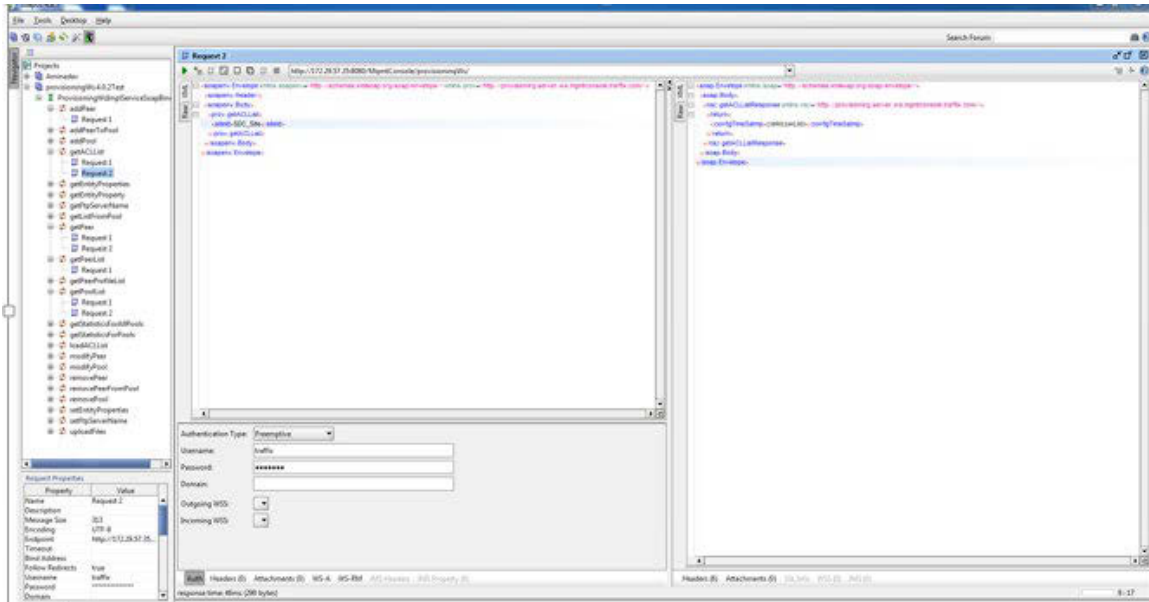
To add user credentials to SOAP requests:

1. Enter your **Username** and **Password**.
2. Verify that the basic **Authentication Type** setting in your SOAP application is defined to **Preemptive** mode.

An authentication header with the user credentials is now automatically added to generated SOAP requests, as can be seen in the following example. (In this example, the username and password are both “traffix”):



Figure 3: SOAP Request and Response Example



Note: Only users that are defined in SDC Web UI with a permission level of ‘Expert’ or higher, have permission to work with the WS API interface. Alternatively, if the SDC is configured to authenticate the users against the LDAP Authentication server, each user that is allowed by authentication server with permission of “Expert” and higher is allowed to use the SDC API interface.



2. Working with the Web Service Provisioning API

The SDC WSDL contains all available methods (commands) supported by the Web Service provisioning interface. The methods are divided into two groups: provisioning and flow management, each with a unique URL. See *Table 4* for a list of which methods are accessed by which URL.

To view the WSDL:

1. Access the following URL for provisioning API methods:

http://<WEB UI IP ADDRESS>:8080/MgmtConsole/provisioningWs?WSDL

2. Access the following URL for provisioning flow management API methods:

http://<WebUIaddress>:8080/MgmtConsole/provisioningWs/flowManagement?wsdl



Note: If these URL cannot successfully access the Management Console, enter your **Username** and **Password**, and then access the WSDL URL again in a new tab. If you apply the provisioning URL for a flow management method, (or vice versa), you will receive an error message that the path is not recognized.



3. Configuring a Site

The section provides the generic SDC configuration flow steps and their relevant API methods. By implementing these steps, the F5® Traffix® Signaling Delivery Controller™ (SDC) solution is enabled for routing and exchange of traffic using a transformation and flow management engine.

3.1 Prerequisites

The API methods described in this document assume that the relevant EMS/SDC sites have been installed and configured.



Note: If you have not yet performed the installation procedures, refer to the relevant installation documentation.

3.2 Configuration Steps

The following table outlines the generic flow needed to set up an SDC site. For each step, there is a link to the relevant API methods which includes a description of their input and output parameters.



Note: To successfully configure a site, you should use the configuration steps below in the suggested order (see *Table 3*) as a reference.

Table 3: Configuration Steps

Step	Description	Link to Related API Methods
Add a license	Use the addLicense method to add a license. The license is added per FEP.	<i>License Management Methods</i>
Assign a peer profile to virtual server	Use addPeerProfile method to create a new peer profile. Use addVirtualServer or editVirtualServer method to create a virtual server or edit an existing virtual server. This	<i>Peer Profile Methods; Virtual Server Management Methods</i>



Step	Description	Link to Related API Methods						
	<p>method is used to assign a peer profile to virtual server. Assigning a peer profile to a virtual server allows overwriting of the FEP or the virtual server parameters by peer profile parameters or a script assigned to the peer profile. (e.g. By using the peer profile scripts, the supported applications of the FEP can be replaced).</p>							
Define flows	<p>The traffic managed by SDC can be logically divided to multiple flows. By grouping traffic rules, flows are used to simplify the management of different rules. Use the addFlow method to create different flows. Use the addFlowsColumn method to then define all the conditions for the traffic flows' rules.</p>	<p><i>Flow Management Methods</i></p>						
Define routing, session management, and transformation decision table structure	<p>For each flow, you need to define the structure for routing, session management and transformation rules. Use addColumn method to define the conditions for the decision tables. Each decision table in the system is created with a default rule that catches all the traffic.</p> <p>Note: The default rule should always be the last rule in the decision table as the rules are applied in their table order.</p>	<p><i>Decision Table Methods</i> <i>Routing Table Management Methods</i> <i>Session Management Table Methods</i> <i>External Lookup Management</i> <i>addOrEditExternalLookup</i></p> <p>Input Parameters:</p> <table border="1" data-bbox="956 1591 1380 1776"> <thead> <tr> <th data-bbox="956 1591 1183 1644">Parameter Name</th> <th data-bbox="1183 1591 1380 1644">Type</th> <th data-bbox="1380 1591 1380 1644">I</th> </tr> </thead> <tbody> <tr> <td data-bbox="956 1644 1183 1776">name</td> <td data-bbox="1183 1644 1380 1776">String</td> <td data-bbox="1380 1644 1380 1776">7 i</td> </tr> </tbody> </table>	Parameter Name	Type	I	name	String	7 i
Parameter Name	Type	I						
name	String	7 i						



Step	Description	Link to Related API Methods								
		description	String	Describes the new loop (e.g. “Connects to LD extracts IMSI”).						
		startupScript	String	Sets the script to run e SDC is initiated						
		monitorInterval	String	Monitors the script’s r scripts’ run interval (i						
		monitorScript	String	Sets the script to run a the script’s connection external source						
		shutDownScript	String	Sets the script to run e SDC shuts down						
Output Parameters: None										
Error Messages:										
<table border="1"> <thead> <tr> <th data-bbox="950 1169 1183 1444">Error Name</th> <th data-bbox="1183 1169 1235 1444">Error Code</th> <th data-bbox="1235 1169 1383 1444">Error Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="950 1444 1183 1696">PROVISIONING_FAILED_ADD_EXTERNAL_LOOKUP_366</td> <td data-bbox="1183 1444 1235 1696">366</td> <td data-bbox="1235 1444 1383 1696">Failed to add or edit external loop up due to '%s'</td> </tr> </tbody> </table>					Error Name	Error Code	Error Description	PROVISIONING_FAILED_ADD_EXTERNAL_LOOKUP_366	366	Failed to add or edit external loop up due to '%s'
Error Name	Error Code	Error Description								
PROVISIONING_FAILED_ADD_EXTERNAL_LOOKUP_366	366	Failed to add or edit external loop up due to '%s'								
<i>Transformation Table Management Methods</i>										



Step	Description	Link to Related API Methods
Define the SDC connections	Dynamic and static peers are supported by the SDC. Dynamic peers are created upon peer connection. Static peers are created manually (addPeer, addRadiusPeer). A peer profile can be assigned to each peer manually or by defining peer profile association rules (addPeerProfileAssociationColumn, addPeerProfileAssociationRow). Use addPeerProfile to define peer profiles that later can be assigned to the connected peers.	<i>Peer Management Methods; Peer Profile Methods</i>
Add ACL rules	You can use the loadACLList method to create ACL rules table, the peer profiles used in an ACL list should be created in advance.	<i>ACL Methods</i>
Define load balancing policies for peers and pools	Use the addPool method to create pools that receive traffic based on load balancing or broadcast policies. Use the addPeerToPool method to add peers to a pool. Alternatively, there is an option to create a pool and add dynamic peers to the pool by associating peer profiles to a pool. Note: Pools need to be created before peers can be added to them.	<i>Pool Management Methods</i>
Add routing rules	Use the addRoutingRow method to add routing rules for each flow. There are additional methods to set routing rules scripts and other properties as	<i>Routing Table Management Methods Routing Row Route Action Management Methods</i>



Step	Description	Link to Related API Methods												
	<p>described in the document (see Link to Related API Methods).</p> <p>Note: The flow and the routing table for the flow need to be defined before adding routing rules. Pools need to be created before adding routing rules.</p>	<p><i>Routing Row Redirect Management Methods</i></p> <p><i>Routing Row Forward Routing Management Methods</i></p>												
Add session management rules	<p>Use <code>addSessionManagementRow</code> method to add session management rules. There are additional methods to set session management rules scripts as described in the document (see Link to Related API Methods).</p> <p>Note: The flow and session management table for the flow needs to be defined before adding session management rules.</p>	<p><i>Session Management Table Methods</i>; <i>Session Management Rules: Cache or External</i>; <i>Session Management Rules: Resolve, Resolve or External, Resolve or Cache</i>; <i>Session Management: External Repository Methods</i></p>												
Add transformation rules	<p>You can use <code>addTransformationRow</code> method to add transformation rules for each flow. There are additional methods to set transformation rules scripts, as described in the document (see Link to Related API Methods).</p> <p>Note: The flow and the transformation table for the flow needs to be defined before adding transformation rules.</p>	<p><i>External Lookup Management</i> <i>addOrEditExternalLookup</i></p> <p>Input Parameters:</p> <table border="1"> <thead> <tr> <th>Parameter Name</th> <th>Type</th> <th>Default Value</th> </tr> </thead> <tbody> <tr> <td>name</td> <td>String</td> <td>7</td> </tr> <tr> <td>description</td> <td>String</td> <td>1</td> </tr> <tr> <td>startupScript</td> <td>String</td> <td>S</td> </tr> </tbody> </table>	Parameter Name	Type	Default Value	name	String	7	description	String	1	startupScript	String	S
Parameter Name	Type	Default Value												
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description	String	1												
startupScript	String	S												



Step	Description	Link to Related API Methods								
		monitorInterval	String	Monitors the script's n scripts' run interval (i						
		monitorScript	String	Sets the script to run a the script's connection external source						
		shutDownScript	String	Sets the script to run e SDC shuts down						
		<p>Output Parameters: None</p> <p>Error Messages:</p> <table border="1" data-bbox="954 888 1385 1423"> <thead> <tr> <th data-bbox="954 888 1182 1178">Error Name</th> <th data-bbox="1182 888 1235 1178">E r r o r C o d e</th> <th data-bbox="1235 888 1385 1178">Error Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="954 1178 1182 1423">PROVISIONIN G_FAILED_AD D_EXTERNAL_ LOOKUP_366</td> <td data-bbox="1182 1178 1235 1423">3 6 6</td> <td data-bbox="1235 1178 1385 1423">Failed to ad or edit external loo up due to '%s'</td> </tr> </tbody> </table>			Error Name	E r r o r C o d e	Error Description	PROVISIONIN G_FAILED_AD D_EXTERNAL_ LOOKUP_366	3 6 6	Failed to ad or edit external loo up due to '%s'
Error Name	E r r o r C o d e	Error Description								
PROVISIONIN G_FAILED_AD D_EXTERNAL_ LOOKUP_366	3 6 6	Failed to ad or edit external loo up due to '%s'								
Add flow rules	Use addFlowsRow method to add flows rules. Note: The flow with the routing, session management and transformation rule tables need to be defined before adding flow rules.	<p><i>Flow Management Methods</i></p>								



4. Web Service API Methods

This section describes the WSDL methods according to functional areas. In addition, in the sections that follow, each method's input, output parameters and error messages are described for each method.

Table 4: Web Service Provisioning Methods

Method	Description	Related URL
Peer Management		
addPeer	Adds a new Remote Peer	Provisioning
getPeer	Retrieves a peer's configuration and status parameters	Provisioning
modifyPeer	Modifies one or a few parameters of a peer	Provisioning
removePeer	Removes a peer from the system	Provisioning
getPeerList	Retrieves the list of all peers	Provisioning
Pool Management		
addPool	Configures a new pool	Provisioning
modifyPool	Modifies one or a few parameters of a pool	Provisioning
removePool	Removes a pool from the system	Provisioning
getPoolList	Retrieves the list of all pools	Provisioning
addPeerToPool	Assigns a peer to a specific pool	Provisioning
removePeerFromPool	Removes a peer from a pool	Provisioning
getListFromPool	Retrieves a pool's configuration and list of peers	Provisioning
Pool Statistics		
getStatisticsForAllPools	Gets statistics for all pools	Provisioning



Method	Description	Related URL
getStatisticsForPools	Gets statistics for specific pools	Provisioning
setFtpServerName Note: This is not supported in this release.	Sets the FTP server name	Provisioning
getFtpServerName Note: This is not supported in this release.	Retrieves the FTP server name	Provisioning
uploadFiles Note: This is not supported in this release.	Uploads the files	Provisioning
Peer Profile Methods		
addPeerProfile	Adds a peer profile	Provisioning
removePeerProfile	Removes a peer profile	Provisioning
getPeerProfileList	Retrieves the list of all Peer Profiles	Provisioning
setPeerProfileGeneralProperties	Defines the General properties for a peer profile	Provisioning
getPeerProfileGeneralProperties	Retrieves the General properties for a peer profile	Provisioning
setPeerProfileDiameterIdentityProperties	Defines the Diameter Identity properties for a peer profile	Provisioning
getPeerProfileDiameterIdentityProperties	Retrieves the Diameter Configuration properties for a peer profile	Provisioning
setPeerProfileDiameterLoopDetectionProperties	Defines that remote node loop detection is enabled for a Diameter peer profile. When not defined only local loop detection by the SDC is enabled	Provisioning



Method	Description	Related URL
getPeerProfileDiameterLoopDetectionProperties	Retrieves the Diameter peer profile that is configured for remote node loop detection	Provisioning
setPeerProfileEUInternetProperties	Sets the list of recognized APNs and PLMNs that support EU Local Breakout (LBO) for Diameter peer profiles	Provisioning
getPeerProfileEUInternetProperties	Retrieves the list of recognized APNs and PLMNs that support EU Local Breakout (LBO) for Diameter peer profiles	Provisioning
setPeerProfilePdnTypeProperties	Enables and defines the IPv6 protocol for roaming for a selected Diameter peer profile	Provisioning
getPeerProfilePdnTypeProperties	Retrieves the IPv6 protocol PLMN List data for roaming for a selected Diameter peer profile	Provisioning
setPeerProfileExtPdpTypeProperties	Defines the list of parameters to enable Dual Stack (IP v6 - IPv4 modification) support for SS7 peer profiles	Provisioning
getPeerProfileExtPdpTypeProperties	Retrieves the list of parameters that were configured to enable Dual Stack (IP v6 - IPv4 modification) support for SS7 peer profiles	Provisioning
setPeerProfileIdleTimeConnectionProperty	Defines the reconnection time for Diameter and HTTP peer profiles	Provisioning
getPeerProfileIdleTimeConnectionProperty	Retrieves the reconnection time for Diameter and HTTP peer profiles	Provisioning
setPeerProfileUdpProperties	Defines the UDP properties for a RADIUS peer profile	Provisioning



Method	Description	Related URL
getPeerProfileUdpProperties	Retrieves the UDP properties for a RADIUS peer profile	Provisioning
setPeerProfileTcpConfiguration	Defines the default transport configuration parameters for TCP channels	Provisioning
getPeerProfileTcpConfiguration	Retrieves the default transport configuration parameters for TCP channels	Provisioning
setPeerProfileIncomingRateLimit	Defines the incoming rate limit for a peer profile	Provisioning
getPeerProfileIncomingRateLimit	Retrieves the incoming rate limit for a peer profile	Provisioning
setPeerProfileOutgoingRateLimit	Defines the outgoing rate limit for a peer profile	Provisioning
getPeerProfileOutgoingRateLimit	Retrieves the outgoing rate limit for a peer profile	Provisioning
setPeerProfileTlsConfiguration	Defines the TLS Configuration for a peer profile	Provisioning
getPeerProfileTlsConfiguration	Retrieves the TLS Configuration for a peer profile	Provisioning
setPeerProfileScript	Adds a script to customize the peer profile handshake behavior	Provisioning
getPeerProfileScript	Retrieves a script to customize the peer profile handshake behavior	Provisioning
addPeerProfileAssociationColumn	Adds a dynamic peer association rules condition	Flow Management



Method	Description	Related URL
getPeerProfileAssociationColumns	Retrieves the list of the dynamic peer association rules conditions (decision table column labels)	Flow Management
removePeerProfileAssociationColumn	Removes one of the dynamic peer association rules conditions (decision table column)	Flow Management
getPeerProfileAssociationColumnAttribute	Retrieves a dynamic peer association rule condition attribute	Flow Management
getPeerProfileAssociationColumnDescription	Retrieves the dynamic peer association rule condition description	Flow Management
getPeerProfileAssociationColumnFilterType	Retrieves the dynamic peer association rule condition type	Flow Management
addPeerProfileAssociationRow	Adds an association rule to a dynamic peer association rules table	Flow Management
getPeerProfileAssociationRows	Retrieves all the association rules from a dynamic peer association rules table	Flow Management
editPeerProfileAssociationRow	Edits a dynamic peer association rule condition	Flow Management
removePeerProfileAssociationRow	Removes a rule from dynamic peer association rules table	Flow Management
setPeerProfileAssociationRowPosition	Changes the position of the rule in the dynamic peer association rules table	Flow Management
ACL		
loadACLList	Loads the list of ACL into the system	Provisioning
getACLList	Retrieves the list of all configured ACLs	Provisioning
Entity Management		
setEntityProperties	Sets entity properties	Provisioning



Method	Description	Related URL
getEntityProperties	Retrieves entity properties	Provisioning
getEntityProperty	Retrieves an entity property	Provisioning
License Management		
addLicense	Adds a new license key for a FEP	Provisioning
setLicenses	Retrieves the list of licenses for editing	Provisioning
getLicenses	Retrieves the license keys	Provisioning
Site Management		
getSiteIDs	Retrieves a list of all the site names invoked by EMS	Provisioning
SDC Components		
setDiameterPropertiesForNode	Sets the Diameter capabilities exchange properties for a CPF/FEP	Provisioning
getDiameterPropertiesForNode	Retrieves the Diameter capabilities exchange properties for a CPF/FEP	Provisioning
Virtual Server Management		
addVirtualServer	Adds and configures a new virtual server (listening instance)	Provisioning
getVirtualServers	Retrieves the virtual servers (with their configured parameters) associated with a specified site	Provisioning
editVirtualServer	Edits configurable virtual server parameters (i.e. Peer Profile, Use for Geo Redundant Sites Connection)	Provisioning
removeVirtualServer	Removes a virtual server	Provisioning
Decision Table (all tables)		



Method	Description	Related URL
addColumn	Adds a condition (column) to a decision table	Flow Management
removeColumn	Removes a condition (column) from a decision table	Flow Management
getColumnAttribute	Retrieves a condition attribute from a decision table	Flow Management
getColumnFilterType	Retrieves a condition type from a decision table	Flow Management
getColumnDescription	Retrieves a condition description from a decision table	Flow Management
getColumns	Retrieves all conditions from a decision table	Flow Management
addDecisionTableList	Adds a list of attributes to be used for making routing decisions when Filter Type LIST is selected	Provisioning
editDecisionTableList	Edits the list of attributes that is used for making routing decisions when Filter Type LIST is selected	Provisioning
getDecisionTableList	Retrieves a specific list of attributes that is used for making routing decisions when Filter Type LIST is selected	Provisioning
getAllDecisionTableList	Retrieves all the lists of attributes that are used for making routing decisions when Filter Type LIST is selected	Provisioning
removeDecisionTableList	Removes a specific list of attributes that is used for making routing decisions when Filter Type LIST is selected	Provisioning
Flow Management Table		



Method	Description	Related URL
addFlow	Adds a flow	Flow Management
getExistingFlowNames	Retrieves the existing flows' names	Flow Management
removeFlow	Removes a flow from the SDC	Flow Management
addFlowsColumn	Adds a condition to the Flow Management decision table	Flow Management
getFlowsColumns	Retrieves the condition names from the Flow Management decision table	Flow Management
removeFlowsColumn	Removes a condition from the Flow Management decision table	Flow Management
getFlowsColumnAttribute	Retrieves a condition attribute from the Flow Management decision table	Flow Management
getFlowsColumnDescription	Retrieves a condition description from the Flow Management decision table	Flow Management
getFlowsColumnFilterType	Retrieves a condition type from the Flow Management decision table	Flow Management
addFlowsRow	Adds a rule to the Flow Management decision table	Flow Management
editFlowsRow	Edits a rule in the Flow Management decision table	Flow Management
getFlowsRows	Retrieves the rules from the Flow Management decision table	Flow Management
removeFlowsRow	Removes a rule from the Flow Management decision table	Flow Management
setFlowsRowPosition	Changes the position of the rule in the Flow Management decision table	Flow Management



Method	Description	Related URL
Routing Table Management		
editRoutingRow	Edits the condition, the Action, position (changes the order) of a specific routing row in the routing table	Flow Management
addRoutingRow	Adds a row, returns the new generated routing row ID	Flow Management
removeRouteRow	Removes a routing row from the routing table	Flow Management
getRouteRows	Retrieves all routing rows from the routing table	Flow Management
setRouteRowPosition	Sets a routing rule's position (row order) in the routing table	Flow Management
setRouteRowScript	Any script defined per routing rule can be added or changed using this method (by script type and script content)	Flow Management
getRouteRowScript	Any script defined per routing rule can be retrieved using this method (by script type and script content)	Flow Management
setRouteRowNotificationPool	Defines a routing rule's configurations for duplicating requests (from client to SDC) to a pool, defined as a notification pool <hr/> <p>Note: This policy applies to Diameter, RADIUS, and HTTP protocols.</p> <hr/>	Flow Management
getRouteRowNotificationPool	Retrieves a routing rule's configurations for duplicating requests (from client to SDC) to a pool, defined as a notification pool	Flow Management



Method	Description	Related URL
removeRouteRowNotificationPool	Removes the notification pool configuration that was associated with a routing row	Flow Management
setPoolsLoadBalancePolicy	Assigns the load balancing policy that is to be applied between pools that is associated with a specific routing rule	Flow Management
getPoolsLoadBalancePolicy	Retrieves the load balancing policy that is applied between pools that is associated with a specific routing rule	Flow Management
setDisablePoolFailover	Sets if ongoing session messages will be forwarded to another pool in the case when one pool is out of service	Flow Management
getDisablePoolFailover	Retrieves the policy regarding if ongoing session messages will be forwarded to another pool in the case when one pool is out of service	Flow Management
Routing Row Management (Action = Routing)		
setRouteRowPools	Defines the pools that are associated with a specified routing rule	Flow Management
getRouteRowPools	Retrieves the list of pools that are associated with a specified routing rule	Flow Management
setMaxResendAttemptsInRoutingRow	Sets the maximum number of request sending attempts, in the case routing rule (Forward, Route, Site Proxy) fails	Flow Management
getMaxResendAttemptsForRoutingRow	Retrieves the maximum number of request sending attempts, in case the routing rule fails	Flow Management



Method	Description	Related URL
setDelayBetweenAttemptsInRoutingRow	Sets the time difference (in milliseconds) between one resend attempt and another	Flow Management
getDelayBetweenAttemptsInRoutingRow	Retrieves the configured time difference (in milliseconds) “Delay Between Attempts (Millis)” between one resend attempt and another	Flow Management
setDiameterIdentityInRouteRow	Sets a Diameter Identity configuration (all Diameter Identity tab parameters)	Flow Management
getDiameterIdentityFromRouteRow	Retrieves a Diameter Identity configuration (per Diameter Identity tab parameters)	Flow Management
setTopologyHidingDiameterIdentityInRouteRow	Replaces the setDiameterIdentityInRouteRow parameter values with other values to allow for topology hiding	Flow Management
getTopologyHidingDiameterIdentityFromRouteRow	Retrieves the replaced diameter identity setting parameter values as part of topology hiding	Flow Management
Routing Row Management (Action = Redirect)		
setRedirectSettingsOfRoutingRow	Set the answer’s Redirect Host, Redirect Host Usage, and a Redirect Max Cache Time values for a Redirect routing rule	Flow Management
getRedirectSettingsOfRoutingRow	Retrieves the answer’s Redirect Host, Redirect Host Usage, and a Redirect Max Cache Time value for a Redirect routing rule	Flow Management
Routing Row Management (Action = Reject)		



Method	Description	Related URL
setRejectResultCodeForRoutingRow	Sets the result code returned to the message's origin upon rejection	Flow Management
getRejectResultCodeOfRoutingRow	Retrieves the result code configured to be returned to the request origin upon rejection	Flow Management
Routing Row Management (Action = Forward)		
setForwardSettingsOfRoutingRow	Defines the properties of a FORWARD routing action for a specified routing row	Flow Management
getForwardSettingsOfRoutingRow	Retrieves the properties of a FORWARD routing action for a specified routing row	Flow Management
Session Management Rules		
addSessionManagementRow	Adds a session binding rule, with a new row ID, to the Session Management decision table	Flow Management
editSessionManagementRow	Edits a session binding rule's condition, action, position, or row ID in the Session Management decision table	Flow Management
removeSessionManagementRow	Removes a session binding rule from the Session Management decision table	Flow Management
setSessionManagementRowPosition	Sets the position of a session management rule in the Session Management decision table	Flow Management
getSessionManagementRows	Retrieves a list of the relevant binding action, position, or row ID per session binding rule from the Session Management decision table	Flow Management
setScriptInSessionManagementRow	Sets the Session Life-Cycle scripts and the External Lookup script (for an External, Resolve and External) session	Flow Management



Method	Description	Related URL
	binding rule in the Session Management decision table	
setSessionManagementRowProperties	Sets the session properties for a session binding rule in the Session Management decision table	Flow Management
getSessionManagementRowProperties	Retrieves the session properties for a session binding rule in the Session Management decision table	Flow Management
getScriptOfSessionManagementRow	Retrieves the session life-cycle scripts for a session management rule (row) in the Session Management decision table	Flow Management
Session Management Rules (Cache binding type or External binding type)		
addBindingRecordDefinitionToSessionManagementRow	Adds a binding key (key name and content) for a session binding rule (Cache or External) in the Session Management decision table	Flow Management
removeBindingRecordDefinitionFromSessionManagementRow	Removes a binding key (key name and content) from a session binding rule (Cache or External) in the Session Management decision table	Flow Management
getBindingRecordDefinitionFromSessionManagementRow	Retrieves a binding key (key name and content) for a session binding rule (Cache or External) in the Session Management decision table	Flow Management
Session Management Table Management - Resolve, Resolve or External, Resolve or Cache		
setResolvedSessionManagementRowProperties	Sets the Binding Key Selection (Defined Keys and Key Content) that was defined	Flow Management



Method	Description	Related URL
	for the related Cache or External session rule	
getResolvedSessionManagementRowProperties	Retrieves the Binding Key Selection (Defined Keys and Key Content) for a binding rule that was defined for the related Cache or External session rule	Flow Management
Session Management External Repository		
setSessionManagementRowExternalLookupName	Sets the Lookup Repository Name for a session binding rule in The Session Management decision table	Flow Management
getSessionManagementRowExternalLookupName	Retrieves the Lookup Repository Name for a session binding rule in the Session Management decision table	Flow Management
External Lookup Management		
addOrEditExternalLookup	Adds or edits an external lookup item that allows you to run scripts to extract data from external sources such as LDAP or Coherence, (often used in Session Management)	Flow Management
Transformation Rules Management		
addTransformationRow	Adds a transformation rule (row with a row ID) in the Post Routing/Pre-Routing Transformation table	Flow Management
editTransformationRow	Edits a transformation rule (row) in the Post Routing/Pre-Routing Transformation decision table	Flow Management
getTransformationRows	Retrieves all the Transformation rules for a selected table type (Post Routing/Pre-Routing)	Flow Management



Method	Description	Related URL
removeTransformationRow	Removes a transformation rule (row) in the Post Routing/Pre-Routing Transformation decision table	Flow Management
setTransformationRowPosition	Sets (changes) the row position of a transformation rule in the Post Routing/Pre-Routing Transformation decision table	Flow Management
setScriptInTransformationRow	Sets the script that is to be invoked when the conditions of a Transformation rule are met	Flow Management
getScriptOfTransformationRow	Retrieves the script that is to be invoked when the conditions of a Transformation rule are met	Flow Management
Message Prioritization Methods		
addMessagePrioritizationRow	Adds a row to the Message Prioritization decision table	Flow Management
editMessagePrioritizationRow	Edits a row in the Message Prioritization decision table	Flow Management
removeMessagePrioritizationRow	Removes a row from the Message Prioritization decision table	Flow Management
getMessagePrioritizationRows	Retrieves all the rows in the Message Prioritization decision table	Flow Management
setMessagePrioritizationRowPosition	Changes the position of a row in the Message Prioritization decision table	Flow Management
addMessagePrioritizationColumn	Adds a column (a rule attribute) to a row in the Message Prioritization decision table	Flow Management



Method	Description	Related URL
getMessagePrioritizationColumns	Retrieves a column (a rule attribute) to a row in the Message Prioritization decision table	Flow Management
removeMessagePrioritizationColumn	Removes a column (a rule attribute) to a row in the Message Prioritization decision table	Flow Management
getMessagePrioritizationColumnDescription	Retrieves the description of a rule attribute that was added as a column in the Message Prioritization decision table	Flow Management
getMessagePrioritizationColumnAttribute	Retrieves the attribute of a rule attribute that was added as a column in the Message Prioritization decision table	Flow Management
getMessagePrioritizationColumnFilterType	Retrieves the Filter Type of a rule attribute that was added as a column in the Message Prioritization decision table	Flow Management
SNMP Monitoring Methods		
setSNMPTrapTargetAddresses	Changes the target machines to which SNMP traps when invoked	Provisioning
getSNMPTrapTargetAddresses	Retrieves the target machines to which SNMP traps when invoked	Provisioning
addSNMPProfile	Adds the following SNMP profiles: <ul style="list-style-type: none">▪ SNMP V2-Trap Forwarding▪ SNMPv3 (for getStatistics only)	Provisioning
editSNMPProfile	Allows editing of certain parameters of the following SNMP profiles: For SnmpV2c_Default: Community, Enable profile	Provisioning



Method	Description	Related URL
	For SNMP V2-Trap Forwarding: Community, Host, Port, Timeout, Retry count and Enable profile For SnmpV3_User_Default: User Name and passwords For SNMPv3: user name and authentication and privacy protocols and passwords, and Enable profile	
getSNMPProfiles	Retrieves all SNMP profiles for a selected site (EMS or SDC.)	Provisioning
removeSNMPProfiles	Removes selected profiles.	Provisioning
Transaction Data Records Reports		
setCreateTDR	Allows you to enable the TDR reporting functionality to collect and display information for a selected routing rule Note: You can also define TDRs to be generated based on a peer profile.	Flow Management
getCreatTDR	Retrieves the status if TDR creation is enabled for a selected routing rule.	Flow Management

4.1 Web Service API Parameters by API Method

Each WS API method has a set of predefined parameters. These parameters define the request (input) and response (output) information for each method. This section details the related parameters for each WS API method. When optional parameters are not filled out by the user, they are assigned a default value. These values are listed in the tables below. In addition, this section also details the possible error messages for each WS API method with their corresponding result codes.



4.1.1 Peer Management Methods

4.1.1.1 addPeer

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required(Y/N)
General Peer Properties				
Name	String	The name of the peer	N/A	Y
siteId	String	The name of the site that the peer runs on	N/A	Y
Peer Profile	String	The Peer Profile assigned to the peer	Default	N
Use Proxy	Boolean	Indicates if the peer is connected via FEP or directly to the CPF <hr/> <small>Note: This parameter is relevant for Diameter and Radius protocols</small>	true, false Default: true	N
Proxy Node	String	The name of the FEP associated with the peer	N/A	N
Protocol	String	The protocols supported by the peer	N/A	Y
Local IP Addresses	String	The FEP IP address that is used	N/A	N



Parameter Name	Type	Description	Value Ranges	Required(Y/N)
		to connect to the remote peer		
Port	Integer	The remote peer port from where the message is sent to an SDC component (i.e. FEP)	up to 65,535	Y
HostIP	String	The host IP address of the added peer	N/A	Y
isServer	Boolean	The added peer is defined as server peer	true, false Default: true	N
additionalNameValuePairs	String	The name of additional user defined parameters for the added peer Note: For example, user can specify Local Host and Local Realm for Diameter peers.	N/A	N
Routing Behavior Parameters				
Weight	Integer	The defined weight of the peer for weighted-based load balancing	1...100,000	N
Priority	Integer	The defined priority of the peer	1...100 (as configured)	N



Parameter Name	Type	Description	Value Ranges	Required(Y/N)
		for priority-based load balancing		
Transport Layer Parameters				
Use SCTP Transport	Boolean	Indicates if the peer uses SCTP or TCP transport layer	true, false Default: false	N
TW Timer (Millis)	Integer	The Time Wait interval of the transport layer	The minimum TW Timer value is 6000 milliseconds Default: 30 seconds	N
Site Replication Parameters				
Use for Site Replication	Boolean	Indicates if this peer is used for connecting to the FEP on the Geo Redundant SDC site.	true, false Default: false	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
PEER_113	113	Cannot add Peer '%s'. Because static Peer Profile '%s' does not exist



Error Name	Error Code	Error Description
PEER_101	101	Cannot add '<PeerName>'. The name already exists

4.1.1.2 getPeer

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required(Y/N)
siteId	String	The name of the site that the peer runs on	N/A	Y
Name	String	The name of the peer	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
General Peer Properties			
Name	String	The name of the peer	N/A
Peer Profile	String	The Peer Profile assigned to the peer	Default
Use Proxy	Boolean	Indicates if the peer is connected via FEP or directly to the CPF	true, false
Proxy Node	String	The name of the FEP associated with the peer	N/A
Node Is Static	Boolean	Same as Discovery method description.	true, false
Health	String	The current peer health state that is based on a compilation of all the health indicator statistics for all CPFs/FEPs that are connected to the peer	Good, Fair, Poor



Parameter Name	Type	Description	Value Ranges
Health Map	String	Indicates the health of each CPF/FEP that is connected to the peer. The health per CPF/FEP is based on a compilation of health indicator statistics.	Good, Fair, Poor, Not Available
PeerHealthIndicators			
Peer Received Requests	Integer	The average number of requests received per second by the SDC from a peer (over the last minute)	N/A
Sent Messages	Integer	The average number of requests sent per second from the SDC to a peer (over the last minute)	N/A
Peer Average Roundtrip Time	Integer	The average processing time of requests by the peer (in milliseconds) as compared to the defined time limit	N/A
Peer Error Responses	Integer	The number of error responses returned from the peer (per minute)	N/A
errorResponsesThresholdPercent	Integer	The number of error responses returned from the peer as compared to the number of requests sent by the SDC (% per minute)	N/A
Peer Timeout Responses	Integer	The number of requests not answered by the peer (per minute)	
timeoutsThresholdPercent	Integer	The number of requests not answered by the peer as compared to the number of	



Parameter Name	Type	Description	Value Ranges
		requests sent by the SDC (% per minute)	
Out of Service Time	Integer	The time that the peer was out of service during the last minute <hr/> Note: This indicator is not calculated as part of the peer's health	
Last Status Change	Date	The date and time of when the peer's status last changed. <hr/> Note: This indicator is not calculated as part of the peer's health	
Active Alarms	Icon	Indicates if there is an active alarm for the peer.	
General Peer Properties (cont'd)			
Status	String	The status of the peer connection for all CPFs and FEPs	Open, Limited, Closed,
Status Map	String	Indicates the status of each FEP or CPF that is connected to the peer	Open, Limited, Partially out of service, Closed, Not Available
Protocols	String	The defined protocol supported by the peer	Diameter, RADIUS, HTTP, LDAP, File, SS7
Local IP Addresses	String	The IP address of the Virtual Server that the peer is associated with. This IP is used by a remote peer to connect and communicate with SDC	N/A



Parameter Name	Type	Description	Value Ranges
Port	Integer	The remote peer port to where the message is being sent	N/A
Host IP Addresses	String	The remote peer IP address (single for TCP or multiple for SCTP)	N/A
Addresses	String	Same as Host IP Addresses description	N/A
Define as Server	Boolean	Indicates if the peer is a server or a client peer	true, false
Discovery Method	String	Indicates if the peer is dynamically connected or if the peer is configured using SDC management	Static, dynamic
Is Enable	Boolean	Indicates whether the peer is enabled or disabled by the administrator	true, false
Generate Transaction Data Records	Boolean	Indicates if all the transactions to or from this peer are captured in the TDRs	true, false
Diameter Identity Parameters			
Local Realm	String	The local realm value used by SDC originated messages toward this Diameter peer	N/A
Local Host	String	The local host value used by SDC originated messages toward a Diameter configured peer	N/A
Add Destination-Host to Server Initiated Requests	Boolean	Indicates if the Destination-Host is added to the server initiated requests when either the Full or Client Side Proxy	true, false



Parameter Name	Type	Description	Value Ranges
		policy is selected for a Diameter configured peer	
Peer Identity			
URI	String	The peer's Universal Resource Identifier used during capability exchange and routing	POOL://PEER:PORT
TPS Rate Limit Threshold Parameters for Triggering Alarms			
Minor	Integer	The minor TPS vs Rate Limit threshold defined for the peer	Default: 30
Major	Integer	The major TPS vs Rate Limit threshold defined for the peer	Default: 70
Critical	Integer	The defined TPS vs Rate Limit Critical threshold for the peer	Default: 90
Routing Behavior Parameters			
Binding Name	String	The name used by the routing mechanism to bind sessions between protocols that belong to this peer with other sessions	N/A
Weight	String	The defined weight of the peer for weighted-based load balancing policy of peers in a pool	1...100,000
Priority	String	The defined priority of the peer for priority-based load balancing	1...100 (as configured)
Transport Layer Parameters			
Use SCTP Transport	Boolean	Indicates if the peer uses SCTP rather than TCP transport layer	true, false



Parameter Name	Type	Description	Value Ranges
TC Timer (Millis)	String	The reconnection attempts for peers that the connection is closed (interval in milliseconds)	Default: 30,000
Out of Service Time Unit	String	The time unit that the TC Timer uses	Milliseconds
TW Timer (Millis)	Integer	The Time Wait interval of the transport layer	The minimum TW Timer value is 6000 milliseconds
EU Regulation Parameters			
Enable EUInternet LBO	Boolean	Indicates if EU local breakout policy is applied to the peer	true, false
Enable Manipulation PDN-Type for Roaming-S6a (outbound)	Boolean	Indicates if IPv6 – pIPv4 PDN-Type modification for roaming is enabled	true, false
Site Replication Parameters			
Use for Geo Redundant Sites Connection	Boolean	Indicates if this peer is used for connecting to the FEP on the Geo Redundant SDC site	true, false

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
PEER_102	102	Cannot get Peer '<PeerName>'. The name does not exist

4.1.1.3 modifyPeer

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General Peer Properties				
SiteId	String	The name of the site in which the peer is modified	N/A	Y
Name	String	The name of the peer	N/A	Y
Peer Profile	String	The Peer Profile assigned to the peer	N/A Default: Default	N
additionalNameValue Pairs	String	The name of additional user defined parameters for the modified peer	N/A	N
adminStatus	Boolean	The administrative state (i.e. enabled) of the peer	true, false Default: true	N
Routing Behavior Parameters				
Weight	String	The defined weight of the peer for weighted-based load balancing	1...100,000	N
Priority	String	The defined priority of the peer for priority-based load balancing	1...100 (as configured)	N
Transport Layer Parameters				
TW Timer (Millis)	Integer	The Time Wait interval of the transport layer	The minimum TW Timer value is 6000 milliseconds	N

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_111	111	Cannot modify Peer '<PeerName>'. The Peer is missing from the Peer table
PEER_114	114	Cannot modify Peer '%s'. Because static Peer Profile '%s' does not exist

4.1.1.4 removePeer

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
siteId	String	The name of the site in which peer is removed	N/A	Y
Name	String	The name of removed peer	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
PEER_112	112	Cannot remove Peer '%s'. The Peer is missing from the Peer table



4.1.1.5 getPeerList

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
siteId	String	The name of the site	N/A	Y

Output Parameters:



Note: These parameters are for Diameter peers.

Parameter Name	Type	Description	Value Ranges
General Peer Properties			
Name	String	The name of the peer	N/A
Peer Profile	String	The Peer Profile assigned to the peer	Default
Use Proxy	Boolean	Indicates if the peer is connected via FEP or directly to the CPF	True
Proxy Node	String	The name of the FEP associated with the peer	N/A
Node Is Static	String	Same as Discovery method description.	true, false
Status	String	The status of the peer connection (open, partially closed, all closed) for all CPFs and FEPs	Open, Close, Limited
Health Map	String	Indicates the health of the peer per CPF	Good, Fair, Poor, Not Available
Status Map	String	Indicates the status for the FEP and each CPF	Open, Out of Service, Out of Service Partially, Closed, Not Available



Parameter Name	Type	Description	Value Ranges
Protocols	String	The protocols supported by the peer	N/A
Local IP Addresses	String	The FEP IP address that is used to connect to the remote peer	N/A
Host IP Addresses	String	The remote peer IP address (single for TCP or multiple for SCTP)	N/A
Port	Integer	The remote peer port from where the message is sent to an SDC component (i.e. FEP)	N/A
Addresses	String	The remote peer IP address (single for TCP or multiple for SCTP)	N/A
Define as Server	String	Indicates if the peer is a server or a client peer	true, false
Discovery Method	String	Indicates if the peer is dynamically connected or if the peer is configured using SDC management	static, dynamic
Health	String	Indicates the current peer health.	green/yellow/red
Administrative State	String	Indicates whether the peer is enabled or disabled	Enabled/Disabled
Is Enable	Boolean	Same as Administrative State description	true, false
Generate Transaction Data Records	Boolean	Indicates if all the transactions to or from	true, false



Parameter Name	Type	Description	Value Ranges
		this peer are captured in the TDRs	
Diameter Identity Parameters			
Local Realm	String	The local realm value used by SDC originated messages toward this peer	N/A
Local Host	String	The local host value used by SDC originated messages toward this peer	N/A
Add Destination-Host to Server Initiated Requests	Boolean	Indicates if the Destination-Host is added to the server initiated requests when either the Full or Client Side Proxy policy is selected	true, false
SDC Component Identity			
URI	String	The peer's Universal Resource Identifier, Describes the identity of the SDC Component. Used during capability exchange and routing	POOL://PEER:PORT
TPS Rate Limit Threshold Parameters for Triggering Alarms			
Minor	Integer	The minor TPS vs Rate Limit threshold defined for the peer	Default: 30
Major	Integer	The major TPS vs Rate Limit threshold defined for the peer	Default:70



Parameter Name	Type	Description	Value Ranges
Critical	Integer	The defined TPS vs Rate Limit Critical threshold for the peer	Default: 90
Routing Behavior Parameters			
Use Proxy	Boolean	When configuring virtual servers, configuring Use Proxy to true enables the Proxy Node field	true, false
Proxy Group	String	The name of the FEP (or group of FEPs) associated with the peer. <hr/> <small>Note: In this release, Proxy Group and Proxy Node is the same.</small>	N/A
Binding Name	String	The name used by the routing mechanism to bind sessions belonging to this Remote Peer with other sessions	N/A
Weight	String	The defined weight of the peer for weighted-based load balancing	1...100,000
Priority	String	The defined priority of the peer for priority-based load balancing	1...100 (as configured)
Transport Layer Parameters			
Use SCTP Transport	Boolean	Indicates if the peer uses SCTP or TCP transport layer	true, false



Parameter Name	Type	Description	Value Ranges
TC Timer (Millis)	String	The reconnection attempts for peers that the connection is closed (interval in milliseconds)	30,000
TW Timer (Millis)	Integer	The Time Wait interval of the transport layer	The minimum TW Timer value is 6000 milliseconds
Out of Service Time Unit	String	The time unit that the TC Timer uses	Milliseconds
EU Regulation Parameters			
Enable EUInternet LBO	Boolean	Indicates if EU local breakout policy is applied to the peer	true, false
Enable Manipulation PDN-Type for Roaming-S6a (outbound)	Boolean	Indicates if IPv6 protocol for roaming is enabled or not	true, false
Site Replication Parameters			
Use for Geo Redundant Sites Connection	Boolean	Indicates if this peer is used for connecting to the FEP on the Geo Redundant SDC site	true, false

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



4.1.2 Pool Management Methods

4.1.2.1 addPool

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General Pool Properties				
siteId	String	The name of the site that the pool is added to	N/A	Y
Name	String	The name of the added pool	N/A	Y
minNumberOfServers	Integer	The minimum number of active servers that can be added to an active pool. Note: If the actual number of active peers is lower than this number, the pool status will be changed from open to close	0...500 Default is 1	N
rampUpSplitBy	String	The message property that the message is divided according to	N/A Default: request.SESSION_ID	N
rampUpTime	Integer	The time (in seconds), that the pool will be in ramp-up mode from when the mode is activated (to prevent pool overload by limiting the message traffic to the pool during initialization)	N/A Default: 1	N
matchedPeerProfiles	String	The peer profiles that will be used to determine if there is a matching peer when peers are dynamically added	N/A	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
Rate Limit Threshold Parameters				
rateLimit	Integer	Sets the maximum messages per second that can be processed by the pool	Any Number	N
isActivatePrioritization	Boolean	Activates message prioritization upon approaching overload control criteria	true, false	N
Routing Behavior Parameters				
IBMethod	realmPolicy	The load balancing method of choosing a peer in the pool when a new request arrives	ByPrecedence, RoundRobin, WeightedRoundRobin, FastestResponseTime, QueenSizeRatio, Contextual, WeightedContextual, External	Y
externalLBMethod	realmPolicy	Defines the External load balancing method in which the request's destination server peer is selected according to an external script's rule	Must be defined by a script	Only is required, when IBMethod is defined as External
isNotificationPool	Boolean	Defines a pool as a notification pool so that request messages can be duplicated to it	true, false	Not required Note: This is required if you want the pool



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
				to appear as one of the pool options in setRouteRowNotificationPool
isBroadcastPool	Boolean	Sets a policy that when true, messages sent to the pool are routed to all of the server peers in the pool	true, false	N
broadcastPolicy	BroadcastAnswerPolicyType	Defines how to handle the multiple answers from the different peers in the broadcast pool	WaitNoAnswer, WaitAnyAnswer, WaitSelectedPeerAnswer, CustomAnswer,	Y (if isBroadcastPool is set to true)
Script	String	The external script when using External load balancing method	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_210	210	Cannot add Pool '<PoolName>'. The name already exists"



4.1.2.2 modifyPool

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General Pool Properties				
siteId	String	The name of the site that the modified pool is added to	Y	Y
Name	String	The name of the modified pool	N/A	Y
minNumberOfServers	Integer	The minimum number of servers that can be configured for the modified pool	0...500 Default: 1	N
rampUpSplitBy	string	The message property that the message is divided according to	N/A Default: request.SESSION_ID	N
rampUpTime	integer	The time (in seconds), that the modified pool will be in ramp-up mode from when the mode is activated	N/A Default: 1	N
matchedPeerProfiles	String	The peer profiles that will be used to determine if there is a matching peer when peers are dynamically added	N/A	N
Rate Limit Threshold Parameters				
rateLimit	integer	Sets the maximum TPS that can be processed by the modified pool	Any Number	N
isActivatePrioritization	Boolean	Activates message prioritization upon approaching overload control criteria	true, false	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
Routing Behavior Parameters				
IBMethod	realmPolicy	The load balance policy	ByPrecedence, RoundRobin, WeightedRoundRobin, RoundTripBased, PendingRequestsBased, Hash, WeightedHash, External	N
externalLBMethod	realmPolicy	Defines the external load balancing method	Must be defined by script	Only is required, when IBMethod is defined as External
isNotificationPool	Boolean	Defines a pool as a notification pool so that request messages can be duplicated to it	true, false	Not required Note: This is required if you want the pool to appear as one of the pool options in setRouteRowNotificationPool
isBroadcastPool	Boolean	Sets a policy that when true, messages sent to the pool are	true, false	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		routed to all of the server peers in the pool		
broadcastPolicy	BroadcastAnswerPolicyType	Defines how to handle the multiple answers from the different peers in the broadcast pool	Don't Wait, <input type="checkbox"/> Wait for Any (First), <input type="checkbox"/> Wait for All - Conditional	Y (if isBroadcastPool is set to true)
Script	String	The external script when using external load balancing method	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_211	211	Cannot modify Pool '<PoolName>'. The Pool does not exist

4.1.2.3 removePool

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General Pool Properties				
siteId	String	The name of the site of the removed pool	N/A	Y



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
Name	String	The name of the removed pool	N/A	Y

Output Parameters: None

Error Messages

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_212	212	Cannot remove Pool '%s'. The Pool is missing in Pool table

4.1.2.4 getPoolList

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
siteId	String	The name of the site	N/A	Y

Output Parameters:

- getPoolListResponse
 - return - <existing pool name>
- pcrfPool

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



4.1.2.5 addPeerToPool

Input Parameters:

Parameter Name	Type	Description	Value Range	Required(Y/N)
siteId	String	The name of the site in which the peer is added to the pool	N/A	Y
peerName	String	The name of the added peer	N/A	Y
poolName	String	The name of the pool that the peer was added to	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_220	220	Cannot add Peer '<PeerName>' to Pool '<poolName>'. The Pool is missing from the Pool table
POOL_230	230	Cannot add Peer '<PeerName>' to the Pool. The Peer '<PeerName >' does not exist

4.1.2.6 removePeerFromPool

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
siteId	String	The name of the site in which peer is removed from pool	N/A	Y
peerName	String	The name of the removed peer	N/A	Y
poolName	String	The name of the pool in which peer is removed from	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_221	221	Cannot remove Peer from Pool '<PoolName>'. The Pool does not exist
POOL_231	231	Cannot remove Peer from Pool '<PoolName>'. The Peer '<PeerName>' does not exist

4.1.2.7 getListFromPool

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General Pool Properties				



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
siteId	String	The name of the site of the pool	N/A	Y
poolName	String	The name of the pool	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
General Pool Properties			
Name	String	Name of the “Default pool”	N/A
Minimum Number of Servers	Integer	The minimum number of peers in the selected pool	Default is 1
Peers	String	The names of the peers contained in the selected pool	N/A
PeerTypes	String	The names of the peer profiles in the selected pool	N/A
Discovery Method	String	Indicates if the pool was created is with RESOLVE & ROUTE routing rule (DNS)	Static, dynamic
Health	String	Indicates the pool’s health state based on a compilation of pool health indicator statistics	Good, Fair, Poor,
Health Map	String	Indicates the health of the connected CPFs for the pool based on a compilation of pool health statistics	Good, Fair, Poor, Not Available
PoolHealthIndicators			
Pool Errors Ratio	Integer	The number of requests sent to the peers in the pool that returned error responses (and response aside for “success”), compared to the number of	N/A



Parameter Name	Type	Description	Value Ranges
		requests sent from the SDC to the pool	
Pool Timeouts Ratio	Integer	The number of requests not answered by the pool as compared to the number of requests sent from the SDC to the peers in the pool	N/A
Requests Sent to Pool	Integer	The average number of requests (per second) routed to the pool	N/A
Pool Average Roundtrip time	Integer	The average round trip time (T3-T2) in milliseconds	N/A
Status			
Status	String	Indicates the availability of a pool's peer connections for all CPFs and FEPs	Open, Limited, Closed
Status Map	String	Indicates the availability of the pool as it is reported by each component (connected FEP or CPF)	Open, Out of Service, Out of Service Partially, Closed, Not Available
Split By	string	The message property that the message is divided according to	N/A Default: request.SESSION_ID
Pool Ramp-Up Time (Seconds)	integer	The time (in seconds), that the pool will be in ramp-up mode from when the mode is activated (to prevent pool overload by limiting the message traffic to the pool during initialization)	N/A Default: 1
Rate Limit Threshold Parameters			



Parameter Name	Type	Description	Value Ranges
Rate Limit (TPS)	string	Sets the maximum TPS that can be processed by the pool.	Any Number
isActivatePrioritization	Boolean	Activates message prioritization upon approaching overload control criteria	true, false
TPS Rate Limit Threshold Parameters for Triggering Alarms			
Critical	Integer	The critical threshold for pool rate limit defined for the peers in the selected pool	90
Major	Integer	The major threshold for the pool rate limit defined for the peers in the selected pool	70
Minor	Integer	The minor threshold for the pool rate limit defined for the peers in the selected pool	30
Message Prioritization Threshold Parameters			
High	Integer	The percentage of TPS allocation defined as high priority messages for message prioritization	70
Medium	String	The percentage of TPS allocation defined as medium priority messages for message prioritization	20
Low	Integer	The percentage of TPS allocation defined as low priority messages for message prioritization	10
Routing Behavior Parameters			
usedInRouting	String	Shows the routing rows that the selected pool is applied	Routing Row IDs (i.e. RT-0)



Parameter Name	Type	Description	Value Ranges
Policy	String	The load balance policy	ByPrecedence, RoundRobin, WeightedRoundRobin, FastestResponseTime, QueenSize Ratio, Contextual, WeightedContextual, External
Transport Layer Parameters			
Time to Live (Millis)	Integer	The length of time that a pool policy exists (DNS)	

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
POOL_225	225	Cannot get Peer list from Pool '<PoolName>'. The pool does not exist

4.1.3 Pool Statistic Methods

4.1.3.1 getStatisticsForAllPools



Note: This Web API method can only be used on SDC sites. For a list and description of the available statistics, see the *F5 SDC User Guide 5.2*.

Input Parameters: None

Output Parameters:

- getStatisticsForAllPoolsResponse

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.3.2 getStatisticsForPools



Note: This Web API method can only be used on SDC sites. For a list and description of the available statistics, see the *F5 SDC User Guide*.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
poolNames	string	The names of the pool from which getting statistics	N/A	N

Output Parameters:

- getStatisticsForPoolsResponse

For each of the following parameters, an nmsRecord is returned that contains the following metadata elements:

- description
- elementName
- name
- nodeName
- nodeType
- parentName
- siteName
- statusOutput
- timestamp



- typeName
- value

Parameter Name	Type	Description	Value Ranges
poolEffectiveCapacity	string		N/A
PoolHealth	string	The current pool's health status (red, yellow, green)	N/A
PoolPercentageTimeoutEvents			N/A
PoolRemoteNodeEvents_APPLICATION_ERROR		The number of application errors per seconds for the selected pool	N/A
PoolRemoteNodeEvents_OVERLOADED		This shows the number of events rejected due to overload	N/A
PoolRemoteNodeEvents_RAMPUPOVERLOADED		An error message	N/A
PoolRemoteNodeEvents_TIMEOUT		An error message indicating that no answer was received from the server in the specified time frame. The request will be resent according to the routing resend parameters	N/A
PoolRemoteNodeEvents_TOO_BUSY		A server error message. The request will be resent according to the routing resend parameter	N/A
PoolSentMessages			N/A

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.3.3 setFtpServerName



Note: This is not supported in this release.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
filePeerName	string	The file name of the FTP server	N/A	Y
ftpServerName	string	The FTP server name	N/A	Y

Output Parameters: None

Error Messages: None

4.1.3.4 getFtpServerName



Note: This is not supported in this release.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
filePeerName	string	The file name of the FTP server	N/A	Y

Output Parameters: None

Error Messages: None



4.1.3.5 uploadFiles



Note: This is not supported in this release.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
file_pattern	string	The pattern of the uploaded files	N/A	N

Output Parameters: None

Error Messages: None

4.1.4 Peer Profile Methods

4.1.4.1 getPeerProfileList

Input Parameters: None

Output Parameters:

Parameter Name	Type	Description	Value Range
Name	String	The name of the peer profiles defined in the SDC or EMS site	N/A
Static	Boolean	The discovery method: static (false)/dynamic (true)	false, true

Error Messages: None

4.1.4.2 addPeerProfile

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
protocol	String	The signaling protocol used by the Remote Peer that is associated with the peer profile	Diameter, RADIUS, HTTP, LDAP, SS7	Y
isDynamic	Boolean	Defines (set to true) if peer profile will be applied to create a client dynamic peer. Setting to false means that the peer profile will be applied to create a static peer (client or server)	true, false Default: true	

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_ADD_FAILED_1301	1301	Failed to add peer profile %s due to %s

4.1.4.3 removePeerProfile

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_REMOVE_FAILED_1302	1302	Failed to remove peer profile %s due to %s

4.1.4.4 setPeerProfileGeneralProperties

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
Peer Profile General Properties				
errorEventsMeasuringIntervalMillis	Integer	The time frame in which error detecting procedure is performed	N/A	N
errorResponsesThresholdPercent	Integer	The percentage of all errors from all requests sent to the peer	N/A	N
latencyThresholdMillis	Integer	The typical peer latency time frame threshold	N/A	N
requestTimeoutMillis	Integer	The time frame in which the peer is expected to reply to requests.	N/A	N
setAsServer	Boolean			



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
timeoutsThresholdPercent	Integer	The percentage threshold of all timeouts from all requests sent to the peer	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_GENERAL_FAILED_1303	1303	Failed to set peer profile %s general properties due to %s

4.1.4.5 getPeerProfileGeneralProperties

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
Peer Profile General Properties				
latencyThresholdMillis	Integer	Sets the typical peer latency time frame threshold		



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
requestTimeoutMillis	Integer	Sets the time frame in which the peer is expected to reply to requests		
setAsServer	Boolean	Defines (set to true) if peer profile is applied to a client peer. Setting to false means that the peer profile is applied to a server peer	true, false	
timeoutsThresholdPercent	Integer			

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_GENERAL_FAILED_1303	1304	Failed to get peer profile %s general properties due to %s

4.1.4.6 setPeerProfileTlsConfiguration



Note: This method is relevant for Diameter, HTTP, LDAP and File peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
TLS Configuration Properties				
None	Boolean	No TLS security was configured	true, false Default: true	
PreCapabilitiesExchangeTLS	tlsConfigurationType	Enables that a transport layer security (TLS) handshake will be established Note: In the Pre Capabilities Exchange TLS, the TLS handshake begins prior to any Diameter message exchange	Enabled, Disabled	N
postCapabilitiesExchangeTLS	tlsConfigurationType	The TLS handshake begins when the client and server are both in open state, after completion of the CER/CEA exchange. If the handshake is successful, all further	Enabled, Disabled	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		messages are sent via TLS		
tlsKeystorePassword	String	Option to change the default TLS Keystore password. Default passwords are generated as part of the automatic TLS security key generation. The TLS security key secures the connections between the SDC and its connected peers	N/A	N
tlsTruststorePassword	String	The option to change the default TLS Trust Store password. Default passwords are generated as part of the automatic TLS security key	N/A	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		generation. The TLS security key secures the connections between the SDC and its connected peers		
cipherSuites	cipherSuites	Represents the combined names of various activities which are performed during the negotiation on security settings for network connection	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_TLS_PROPERTIES_FAILED_1310	1310	Failed to set peer profile %s TLS properties %s due to %s

4.1.4.7 getPeerProfileTlsConfiguration

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
TLS Configuration Properties				
None	Boolean	No TLS security was configured	true, false Default : true	
PreCapabilitiesExchangeTLS	tlsConfiguration Type	Enables that a transport layer security (TLS) handshake will be established Note: In the Pre Capabilities Exchange TLS, the TLS handshake begins prior to any Diameter message exchange	Enabled, Disabled	N
PostCapabilitiesExchangeTLS	tlsConfiguration Type	The TLS handshake begins when the	Enabled,	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		client and server are both in open state, after completion of the CER/CEA exchange. If the handshake is successful, all further messages are sent via TLS	Disabled	
tlsKeystorePassword	String	Option to change the default TLS Keystore password. Default passwords are generated as part of the automatic TLS security key generation. The TLS security key secures the connections between the SDC and its connected peers	N/A	N
tlsTruststorePassword	String	The option to change the default TLS Trust Store password.	N/A	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		Default passwords are generated as part of the automatic TLS security key generation. The TLS security key secures the connections between the SDC and its connected peers		
cipherSuites	cipherSuites	Represents the combined names of various activities which are performed during the negotiation on security settings for network connection	N/A	N

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_TLS_PROPERTIES_FAILED_1311	1311	Failed to get peer profile %s TLS properties %s due to %s



4.1.4.8 setPeerProfileScript



Note: This method is relevant for Diameter, HTTP, LDAP and File peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
scriptType	ScriptType	The type of the script	PeerTypeHandshakeRequest, PeerTypeHandshakeAnswer, PeerTypeKeepAliveRequest, PeerTypeKeepAliveResponse, PeerTypeDisconnectRequest, PeerTypeDisconnectResponse	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_SCRIPT_FAILED_1312	1312	Failed to set peer profile %s script %s due to %s

4.1.4.9 getPeerProfileScript



Note: This method is relevant for Diameter, HTTP, LDAP and File peer profiles.

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
PeerTypeHandshakeRequest	scriptType	The added script	N/A
PeerTypeHandshakeAnswer	scriptType	The added script	N/A
PeerTypeKeepAliveRequest	scriptType	The added script	N/A
PeerTypeKeepAliveResponse	scriptType	The added script	N/A
PeerTypeDisconnectRequest	scriptType	The added script	N/A
PeerTypeDisconnectResponse	scriptType	The added script	N/A

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_SCRIPT_FAILED_1313	1313	Failed to get peer profile %s script %s due to %s

4.1.4.10 setPeerProfileOutgoingRateLimit

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
outgoingRequestsPerSecond	Integer	The configured outgoing traffic rate limit from the SDC to a peer	N/A	N



Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_OUTGOING_RATE_LIMIT_FAILED_1308	1308	Failed to set peer profile %s outgoing rate limit properties due to %s

4.1.4.11 [getPeerProfileOutgoingRateLimit](#)

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
outgoingRequestsPerSecond	Integer	The configured outgoing traffic rate limit from the SDC to a peer	N/A

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_OUTGOING_RATE_LIMIT_FAILED_1309	1309	Failed to set peer profile %s outgoing rate limit properties due to %s

4.1.4.12 [setPeerProfileIncomingRateLimit](#)

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
incomingRequestsPerSecond	Integer	Sets the limit of messages that can be received per second per peer	N/A	Y
incomingBytesPerSecond	Integer	Sets the limit of bytes that can be received per second per peer	N/A	Y
overloadAnswerPolicy	Boolean	Defines the behavior of the SDC (discard all incoming messages and returns a result code or discard all incoming messages without returning any answer) once the rate limits have been exceeded	Return Busy Answer, Silent Discard Default: Silent Discard	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_INCOMING_RATE_LIMIT_FAILED_1306	1306	Failed to set peer profile %s incoming rate limit properties due to %s



4.1.4.13 getPeerProfileIncomingRateLimit

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
incomingRequestsPerSecond	Integer	The defined limit of messages that can be received per second per peer	N/A
incomingBytesPerSecond	Integer	The defined limit of bytes that can be received per second per peer	N/A
overloadAnswerPolicy	Boolean	The defined behavior of the SDC (discard all incoming messages and returns a result code or discard all incoming messages without returning any answer) once the rate limits have been exceeded	Return Busy Answer, Silent Discard

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_INCOMING_RATE_LIMIT_FAILED_1307	1307	Failed to get peer profile %s incoming rate limit properties due to %s

4.1.4.14 setPeerProfileDiameterIdentityProperties

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
localHost	String	The origin host value used by SDC originated messages	N/A	N
localRealm	String	The origin realm value used by SDC originated messages	N/A	N
addDestinationHostToServerInitiated Requests	Boolean	Adds the Destination-Host, if absent, to server initiated requests when either the Full or Client Side Proxy policy is selected	true, false Default: false	N
useSingleDiameterIdentityInDualActiveProxyMode	Boolean	In active/ active mode, the connection between the SDC and the 2 FEPs (or BEPs) is based on the same origin host AVP value for both FEPs or BEPs (true) as opposed to each FEP connecting with a unique origin host AVP value (false)	true, false Default: false	N

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_SET_DIAMETER_IDENTITY_FAILED_1305	1305	Failed to set peer profile %s diameter identity properties due to %s

4.1.4.15 getPeerProfileDiameterIdentityProperties

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges
localhost	String	The origin host value used by SDC originated messages	N/A
localRealm	String	The origin realm value used by SDC originated messages	N/A
addDestinationHostToServerInitiatedRequests	Boolean	Adds the Destination-Host, if absent, to server initiated requests when either the Full or Client Side Proxy policy is selected	true, false Default: false
useSingleDiameterIdentityInDualActiveProxyMode	Boolean	In active/ active mode, the connection between the SDC and the 2 FEPs (or BEPs) is based on the same origin host AVP	true, false Default: false



Parameter Name	Type	Description	Value Ranges
		value for both FEPs or BEPs (true) as opposed to each FEP connecting with a unique origin host AVP value (false)	

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_DIAMETER_IDENTITY_FAILED_1306	1306	Failed to get peer profile %s diameter identity properties due to %s

4.1.4.16 setPeerProfileDiameterLoopDetectionProperties



Note: This method is only relevant for Diameter peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
peerProfileDiameterLoopDetectionProperties	String	Sets if Loop Detection by Source is defined as local or from a remote node and how detected loop messages should be handled for remote node loop detection		Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_SET_DLD_PROPERTIES_FAILED_1505	1505	Failed to set peer profile %s dld properties due to %s

4.1.4.17 getPeerProfileDiameterLoopDetectionProperties



Note: This method is only relevant for Diameter peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters: peerProfileDiameterLoopDetectionProperties

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_DLD_PROPERTIES_FAILED_1506	1506	Failed to get peer profile %s dld properties due to %s

4.1.4.18 setPeerProfileEUInternetProperties

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
enableEUInternetLBO	Boolean	Enables SDC support for EU Regulation III Local Breakout	true, false Default: false	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
APNList	String	The list of supported APNs to which the APN of a received ULA/IDR message is compared	N/A	N/A
PLMNList	String	The list of supported PLMNs to which the visited network (the message's Origin-Realm (in the case of an ULR) or Destination-Realm (in the case of an IDR)) is compared	N/A	N/A

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_EU_INTERNET_FAILED_1316	1316	Failed to set peer profile %s EU Internet property due to %s

4.1.4.19 [getPeerProfileEUInternetProperties](#)

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
APNList	String	The list of supported APNs to which the APN of a received ULA/IDR message is compared	N/A	N/A
PLMNList	String	The list of supported PLMNs to which the visited network (the message's Origin-Realm (in the case of an ULR) or Destination-Realm (in the case of an IDR)) is compared	N/A	N/A

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_EU_INTERNET_FAILED_1317	1317	Failed to get peer profile %s EU Internet property due to %s

4.1.4.20 setPeerProfilePdnTypeProperties



Note: This method is relevant for Diameter peer profiles.

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
enableManipulationExtPdnType	Boolean	Enables modification of the Ext-PDN-type parameter to accommodate for PLMNs that do not support the IPv4v6 mode	true, false Default: false (not enabled)	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
enableBlackList	Boolean	Selects the Black or White List to be used depending on if you want to exclude or include, respectively, those PLMNs that are listed in the PLMN List not to be transformed to IPv6	true=Black List false= White List Default: true	Y
IPV6PLMNList	String	The list of supported PLMNs	N/A	N/A

4.1.4.21 getPeerProfilePdnTypeProperties



Note: This method is relevant for Diameter peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
IPV6PLMNList	String	The list of supported PLMNs	N/A	N/A

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_SET_EXT_PDP_TYPE_FAILED	1319	Failed to get peer profile %s External PDP type property due to %s

4.1.4.22 setPeerProfileExtPdpTypeProperties



Note: This method is relevant for SS7 peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
enableManipulationExtPdpType	Boolean	Enables modification of the Ext-PDP-type parameter to accommodate for PLMNs that do not support the IPv4v6 mode	true, false Default: false (not enabled)	Y
enableBlackList	Boolean	Selects the Black or White List to be used depending on if you want to exclude or include, respectively, those PLMNs that are listed in the PLMN List not to be transformed to IPv6	true=Black List false= White List Default: true	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
IPV6PLMNList	String	The list of supported PLMNs	N/A	N/A

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_EXT_PDP_TYPE_FAILED	1318	Failed to set peer profile %s External PDP type property due to %s EU Internet property due to %s

4.1.4.23 getPeerProfileExtPdpTypeProperties



Note: This method is relevant for SS7 peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
IPV6PLMNList	String	The list of supported PLMNs	N/A	N/A

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_SET_EXT_PDP_TYPE_FAILED	1319	Failed to get peer profile %s External PDP type property due to %s

4.1.4.24 setPeerProfileIdleTimeConnectionProperty



Note: This method is relevant for Diameter and HTTP peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
idleTimeConnection	Integer	The reconnection time (in milliseconds)	N/A	Y

Output Parameters:

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_IDLE_TIME_CONNECTION_FAILED_1314	1314	Failed to set peer profile %s idle time connection property due to %s

4.1.4.25 getPeerProfileIdleTimeConnectionProperty



Note: This method is relevant for Diameter and HTTP peer profiles.

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y

Output Parameters: TBD

Parameter Name	Type	Description	Value Range
getPeerProfileIdleTimeConnectionProperty	Integer	The reconnection time (in milliseconds)	N/A

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_IDLE_TIME_CONNECTION_FAILED_1315	1315	Failed to get peer profile %s idle time connection property due to %s

4.1.4.26 setPeerProfileUdpProperties



Note: This method is only relevant for RADIUS peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
udpDuplicateRequestAnswerPersistenceTimeout	Integer	The time frame in which the returned answer will be persisted (in order to answer further duplicated requests)	N/A Default: Default	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
udpDuplicateRequestPendingAnswerTimeout	Integer	The time frame in which to wait for the answer to be returned and to discard further duplicated requests.	N/A	N
udpDuplicateRequestResendPolicy	String	Sets whether to resend (the previously cached response) or discard duplicated messages	Resend, Discard Default: Resend	N
udpRetransmissions	String	Sets the interval for resending attempts	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_SET_UDP_PROPERTIES_FAILED_1503	1503	Failed to set peer profile %s udp properties due to %s

4.1.4.27 [getPeerProfileUdpProperties](#)



Note: This method is only relevant for RADIUS peer profiles.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of peer profile.	N/A	Y

Output Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
udpDuplicateRequestAnswerPersistenceTimeout	Integer	The time frame in which the returned answer will be persisted (in order to answer further duplicated requests)	N/A Default: Default	N
udpDuplicateRequestPendingAnswerTimeout	Integer	The time frame in which to wait for the answer to be returned and to discard further duplicated requests.	N/A	N
udpDuplicateRequestResendPolicy	String	Policy whether to resend (the previously cached response) or discard duplicated messages	Resend, Discard Default: Resend	N
udpRetransmissions	String	The interval for resending attempts	N/A	N

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_UDP_PROPERTIES_FAILED_1504	1504	Failed to get peer profile %s udp properties due to %s

4.1.4.28 setPeerProfileTcpConfiguration

Input Parameters: peerProfileTcpOptionsProperties



Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of the peer profile	N/A	Y
receiveBufferSize	Integer	The TCP and SCTP receiving buffer size used (for incoming data).	4096 -4194304 Bytes	N
sendBufferSize	Integer	The TCP and SCTP sending buffer size (for outgoing data).	4096 -4194304 Bytes	N
tcpNoDelay	Boolean	Disable Nagle's algorithm for this connection. Written data to the network is not buffering pending acknowledgement of previously written data. Note: This parameter is set to true by default to minimize latency issues.	Default, true, false, OS	N
keepAlive	Boolean	For Server, when enabled and no data has been exchanged across the socket for two hours, TCP automatically probes the Remote Peer. One of following responses is expected: ACK – no error occurred. The application is not notified and TCP sends another probe	Default, true, false, OS	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		following another two hours of inactivity. RST - the Peer's host has crashed and rebooted. The socket is closed. No response. The socket is closed. Note: The period may be configured per SDC.		
reuseAddress	Boolean	For server, when enabled, used for MulticastSockets in java, and it is set by default to True for MulticastSockets	Default, true, false, OS	N
soLinger	Integer	Specifies the timeout for brute-force shutdown of a channel, after a close request (TCP level) is sent from SDC to a remote node.	0-65535 seconds	N
trafficClass	Integer	For server, this option sets the type-of-service or traffic class field in the IP header for a TCP or UDP socket.	0-255	

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
PEER_PROFILE_GET_TCP_OPTIONS_FAILED_1315	1315	Failed to get peer profile %s TCP options due to %s

4.1.4.29 getPeerProfileTcpConfiguration

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
peerProfileName	String	The name of peer profile.	N/A	Y

Output Parameters: peerProfileTcpOptionsProperties

Error Messages:

Error Name	Error Code	Error Description
PEER_PROFILE_GET_TCP_OPTIONS_FAILED_1315	1315	Failed to get peer profile %s TCP options due to %s

4.1.4.30 addPeerProfileAssociationColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
Label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y
Attribute	String	The message property that is checked against the defined value for this attribute	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
filterType	DecisionDefinitionElementType	The condition type of this rule attribute	STRING, STRING_COMPLEMENT, SUBSTRING, SUBSTRING_IGNORE_CASE, OCTET_STRING, SCRIPT, REGEXP, NUMBER, NUMBER_COMPLEMENT, POSITIVE_NUMBER, BOOLEAN, NUMBER_RANGE, STRING_RANGE, DATE_RANGE, PEER_STATE, PROTOCOL, IP_ADDRESS, IP_ADDRESS_RANGE, STRING_IGNORE_CASE, STRING_IGNORE_CASE_COMPLEMENT, POOL_STATE, TIME, TIME_RANGE, DATE, PREFIX, PREFIX_IGNORE_CASE, PREFIX_COMPLEMENT, PREFIX_IGNORE_C	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			ASE_COMPLEMENT, SUFFIX, SUFFIX_IGNORE_C ASE, , SUFFIX_COMPLEMENT, SUFFIX_IGNORE_C ASE_COMPLEMENT, LIST, LIST COMPLEMENT	
description	String	The description of this rule attribute	N/A	N
Position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_COLUMN_FAILED_302	302	Adding column with label '%s', attribute '%s', filter type '%s', description '%s' and position '%s' failed due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'

4.1.4.31 getPeerProfileAssociationColumns

Input Parameters: None



Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
List of column labels	String	The list of column names for a rule attribute	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMN_FAILED_305	305	Failed to get table column '%s' from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'



4.1.4.32 removePeerProfileAssociationColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
Label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_COLUMN_FAILED_304	304	Failed to remove table column '%s' from table '%s' due to '%s'



Error Name	Error Code	Error Description
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.4.33 getPeerProfileAssociationColumnAttribute

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
Label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
attribute	String	The attribute for a specified Rule Attribute column (label)	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.4.34 getPeerProfileAssociationColumnDescription

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
Label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
String	String	The description of the attribute for the specified table and label	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'



4.1.4.35 getPeerProfileAssociationColumnFilterType

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
filterType	DecisionDefinitionElementTypes	The data type for the specified table and label	STRING, STRING_COMPLET, SUBSTRING, SUBSTRING_IGNORE_CASE, OCTET_STRING, SCRIPT, REGEXP, NUMBER, NUMBER_COMPLET, POSITIVE_NUMBER, BOOLEAN, NUMBER_RANGE, STRING_RANGE, DATE_RANGE, PEER_STATE, PROTOCOL, IP_ADDRESS, IP_ADDRESS_RANGE, STRING_IGNORE_CASE,	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			STRING_IGNORE_C ASE_COMPLEMENT , POOL_STATE, TIME, TIME_RANGE, DATE, PREFIX, PREFIX_IGNORE_C ASE, PREFIX_COMPLEM ENT, PREFIX_IGNORE_C ASE_COMPLEMENT , SUFFIX, SUFFIX_IGNORE_C ASE, , SUFFIX_COMPLEM ENT, SUFFIX_IGNORE_C ASE_COMPLEMENT , LIST, LIST COMPLEMENT	

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.4.36 addPeerProfileAssociationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
conditions	List<string>	A list of conditions matching the column definition.	N/A Default: Empty	N
peerProfileName	String	The name of the added peer profile		Y
position	Integer	The position in the table where this row is added. If this parameter is not	0-table size Default: end of table	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly		

Output Parameters:

- The added peer profile table row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.4.37 getPeerProfileAssociationRows

Input Parameters: None

Output Parameters:

- The peer profile rows

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_DECISION_ROWS_FAILURE_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.4.38 editPeerProfileAssociationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:

- The added peer profile table row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.4.39 removePeerProfileAssociationRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove decision row '%s' due to '%s'



4.1.4.40 setPeerProfileAssociationRowPosition

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'

4.1.5 ACL Methods

4.1.5.1 loadACLList

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General ACL Properties				
SiteId	String	The site in which you are applying the ACL list of IP addresses to determine to accept or reject peers	N/A	Y
Peer Profile	String	The Peer Profile assigned to the peer	N/A Default: Default	Y
address	String	The IP address of the client peer. (A CIDR formatted	N/A	Y



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		address may be entered, indicating range of IP addresses)		
action	Action	Action to accept or reject connections to the peer	ACCEPT, REJECT	Y
enabled	Boolean	Indicates whether this rule is enabled (true) or disabled (false)	true, false Default: true	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
ACL_400	400	Cannot load ACL list, the ACL list has changed since version '<version time stamp
ACL_401	401	Cannot load ACL list, the given peer profile '%s' is not dynamic

4.1.5.2 getACLList

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
General ACL Properties				
SiteId	String	The site in which you are applying the ACL list of IP addresses to	N/A	Y



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		determine to accept or reject peers		

Output Parameters:

Parameter Name	Type	Description	Value Ranges
General ACL Properties			
Enabled	Boolean	Indicates whether this rule is enabled (true) or disabled (false)	true, false
Action	String	Action to accept the client peer or reject it	ACCEPT, REJECT
PeerProfile	String	The Peer Profile that the rejected or accepted Peer is compared to	N/A
Address	String	The IP address of the client peer. (A CIDR formatted address may be entered, indicating range of IP addresses)	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.6 Entity Management Methods

4.1.6.1 setEntityProperties

An entity is a per system object (peer/pool/site/etc.) that a user can define properties (i.e. name, value pairs) for later usage by the system.

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
General Entity Properties				



Parameter Name	Type	Description	Value Range	Required (Y/N)
conditionScript	String	The condition script is a groovy script that returns a boolean value (true/false) and determines whether to perform the settings or not. If it does not perform the setting because the script returned false, then a response is sent with error code 1 and the following message: “Script to enable property change returned false. The script is {0}”	N/A	N
Pathname – pathsandProperties	String	The path of the property that you want to set (global, site, SDC component, peer, pool)	For Global property: <i>Global</i> For Site property: <i>Site/Site-name</i> For SDC Component: <i>Site/Site-name/Node-Type/component-name</i> For Pool Property: <i>Site/Site-name/Pool/Pool-name</i> For Peer Property: <i>Site/Site-</i>	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			<i>name/Peer/Peer-name</i> <hr/> Note: The path values are case sensitive.	
Key	String	The name of the property	N/A	Y
Value	String	The defined value for the ramp up property. Note: Once you have configured pool rampup under addPool (modifyPool), to activate pool rampup, you must set the key RampUp value to 1. To activate the pool RampUp again, you need to "reset" the request by defining the RampUp value to 0.	N/A	Y

Output Parameters:

- setEntityPropertiesResponse

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
PROPERTY_601	601	Invalid path syntax '%s'
PROPERTY_602	602	Invalid path '%s'. Object '%s' does not exist
PROPERTY_603	603	Invalid script '%s'

4.1.6.2 getEntityProperties

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
General Entity Properties				
entityPath	String	The path of the property that you want to set (global, site, SDC component, peer, pool)	For Global property: <i>Global</i> For Site property: <i>Site/Site-name</i> For SDC Component: <i>Site/Site-name/Node-Type/component-name</i> For Pool Property: <i>Site/Site-name/Pool/Pool-name</i> For Peer Property: <i>Site/Site-name/Peer/Peer-name</i> <hr/> Note: The path values are case sensitive.	Y



Output Parameters:

- getEntityPropertiesResponse

Parameter Name	Type	Description	Value Range
key	string	The name of the property	N/A
value	string	The defined value for the property	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
PROPERTY_601	601	Invalid path syntax '%s'
PROPERTY_602	602	Invalid path '%s'. Object '%s' does not exist

4.1.6.3 getEntityProperty

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
General Entity Properties				
entityPath	String	The path of the property that you want to set (global, site, SDC component, peer, pool)	For Global property: <i>Global</i> For Site property: <i>Site/Site-name</i> For SDC Component: <i>Site/Site-name/Node-</i>	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			<i>Type/component-name</i> For Pool Property: <i>Site/Site-name/Pool/Pool-name</i> For Peer Property: <i>Site/Site-name/Peer/Peer-name</i> <hr/> Note: The path values are case sensitive. <hr/>	
propertyName	String	The property name of the entity (peer, pool, or site)	N/A	Y

Output Parameters:

- getEntityPropertyResponse

Parameter Name	Type	Description	Value Range
key	string	The name of the property	N/A
value	string	The defined value for the property	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
PROPERTY_601	601	Invalid path syntax '%s'
PROPERTY_602	602	Invalid path '%s'. Object '%s' does not exist

4.1.7 License Management Methods

4.1.7.1 addLicense

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
siteId	String	The site ID	N/A	Y
License	String	The license key that is generated and provided by F5 Support	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.7.2 getLicenses

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
siteId	String	The site ID	N/A	Y
License	String	The license	N/A	Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.7.3 setLicenses

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
siteId	String	The site ID	N/A	Y
License	String	The license	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.8 Site Management Methods

4.1.8.1 getSiteIds



Note: To use the F5 CLI application, you need to apply this method to get all the available site ID names.

Input Parameters: None

Output Parameters:

Parameter Name	Type	Description	Value Range
Site ids	List<String>	The current existing site names	N/A

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.9 SDC Component Management Methods

4.1.9.1 SetDiameterPropertiesforNode

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site in which you are configuring the node (CPF/FEP)	N/A	Y
nodeName	String	The name of the node (CPF/FEP)	N/A	Y
Realm	String	The Diameter realm to which the SDC belongs. Used during capability exchange	N/A	N
supportedApplicationIds	String	Defines the supported and any additional Diameter applications (comma separated), and hence defines the Diameter messages that the SDC component can handle. e.g. Ro, Gx.	N/A	N
supportedVendorIDs	String	The list of supported vendor Ids that the SDC declares and sends as part of Capability Exchange	N/A	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
twTimer	Integer	The watchdog and reconnection timer (in milliseconds).	The minimum value is 6000 milliseconds	N
vendorId	Integer	The published Vendor ID during capability exchange	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
SET_DIAMETER_PROPERTIES_FOR_NODE_FAILED_1501	1501	Failed to set diameter properties for node %s due to %s

4.1.9.2 [getDiameterPropertiesforNode](#)

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site in which you are configuring the node (CPF/FEP)	N/A	Y
nodeName	String	The name of the node (CPF/FEP)	N/A	Y

Output Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
realm	String	The Diameter realm to which the SDC belongs. Used during capability exchange	N/A	N
supportedApplicationIds	String	Defines the supported Diameter applications (comma separated), and hence defines the Diameter messages that the SDC component can handle. e.g. Ro, Gx.	N/A	N
supportedVendorIDs	String	The list of supported vendor Ids that the SDC declares and sends as part of Capability Exchange	N/A	N
twTimer	Integer	The watchdog and reconnection timer (in milliseconds).	The minimum value is 6000 milliseconds	N
vendorId	Integer	The published Vendor ID during capability exchange	N/A	N

Error Messages:

Error Name	Error Code	Error Description
GET_DIAMETER_PROPERTIES_FOR_NODE_FAILED_1502	1502	Failed to get diameter properties for node %s due to %s



4.1.10 Virtual Server Management Methods

4.1.10.1 addVirtualServer

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site in which you are adding the virtual server	N/A	Y
virtualServerName	String	The name of the virtual server	N/A	Y
protocol	String	The protocol that will be used by the Virtual Server	Diameter, RADIUS, HTTP, LDAP	Y
proxyGroup	String	The Proxy Node (FEP Node) on which the virtual server is set. Note: This field is only displayed when selecting Use Proxy in the previous wizard step.	N/A	Y
port	Integer	The port on which the virtual server is listening	N/A	Y
peerProfile	String	Set the Peer Profile associated with this Virtual Server	N/A	N
useForGeoRedundantSitesConnection	Boolean	Enables the peer (Diameter or HTTP) to handle replicated data originating from specific sessions	true, false	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		Note: Relevant for Diameter and HTTP virtual servers.		
useSctpTransport	Boolean	Configured to use SCTP when in message transport (true) rather than TCP(false) Note: Relevant for Diameter virtual servers.	true, false	N
closeConnectionOnAnswer	Boolean	Closes the connection with the remote client/server upon answer retrieval Note: Relevant for HTTP virtual servers.	true, false	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
VIRTUAL_SERVER_ADD_FAILED_1401	1401	Failed to add virtual server %s due to %s

4.1.10.2 getVirtualServers

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site with the virtual servers	N/A	Y

Output Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
peerProfile	String	The Peer Profile that is associated with this virtual server	N/A Default: Default	N
Port	Integer	The port on which the virtual server is listening	N/A	Y
virtualServerName	String	The name of the virtual server	N/A	Y
protocol	String	The protocol that will be used by the Virtual Server	Diameter, RADIUS, HTTP, LDAP,	Y
proxyGroup	String	The Proxy Node (FEP Node) on which the virtual server is set. Note: This field is only displayed when selecting Use Proxy in the previous wizard step.	N/A	Y
useForGeoRedundantSitesConnection	Boolean	Enables the peer (Diameter or HTTP) to handle replicated data originating from specific sessions	true, false	N
useSctpTransport	Boolean	Configured to use SCTP when in message transport (true) rather than TCP(false)	true, false	N
closeConnectionOnAnswer	Boolean	Closes the connection with the remote client/server upon answer retrieval	true, false	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		Note: Relevant for HTTP virtual servers.		

Error Messages:

Error Name	Error Code	Error Description
VIRTUAL_SERVER_GET_FAILED_1404	1404	Failed to get virtual server %s due to %s

4.1.10.3 editVirtualServer

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site in which you are adding the virtual server	N/A	Y
virtualServerName	String	The name of the virtual server	N/A	Y
peerProfile	String	The Peer Profile that is associated with this Virtual Server	N/A Default: Default	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
VIRTUAL_SERVER_EDIT_FAILED_1402	1402	Failed to edit virtual server %s due to %s

4.1.10.4 removeVirtualServer

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The SDC site in which you are adding the virtual server	N/A	Y
String	String	The name of the virtual server	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
VIRTUAL_SERVER_REMOVE_FAILED_1403	1403	Failed to remove virtual server %s due to %s

4.1.11 Flow Management Methods

4.1.11.1 addflow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: Empty	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_SCENARIO_FAILED_344	344	Failed to add flow '%s', due to '%s'

4.1.11.2 [getExistingFlowNames](#)

Input Parameters: None

Output Parameters: List of flow names

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_EXISTING_FLOWS_FAILED_344	346	Failed to get existing flow names 'due to '%s'

4.1.11.3 [removeFlow](#)

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: Empty”	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_SCENARIO_FAILED_344	345	Failed to remove flow '%s', due to '%s'

4.1.11.4 addFlowsColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
attribute	String	The message property that is checked against the defined value for this attribute	N/A	Y
filterType	DecisionDefinitionElementype	The condition type of this rule attribute	STRING, STRING_COMPLEMENT, SUBSTRING, SUBSTRING_IGNORE_CASE, OCTET_STRING, SCRIPT, REGEXP, NUMBER, NUMBER_COMPLEMENT, POSITIVE_NUMBER, BOOLEAN, NUMBER_RANGE, STRING_RANGE, DATE_RANGE, PEER_STATE, PROTOCOL, IP_ADDRESS, IP_ADDRESS_RANGE, STRING_IGNORE_CASE, STRING_IGNORE_CASE_COMPLEMENT, POOL_STATE, TIME, TIME_RANGE, DATE, PREFIX,	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			PREFIX_IGNORE_C ASE, PREFIX_COMPLEM ENT, PREFIX_IGNORE_C ASE_COMPLEMENT , SUFFIX, SUFFIX_IGNORE_C ASE, , SUFFIX_COMPLEM ENT, SUFFIX_IGNORE_C ASE_COMPLEMENT , LIST, LIST COMPLEMENT	
description	String	The description of this rule attribute	N/A	N
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_COLUMN_FAILED_302	302	Adding column with label '%s', attribute '%s', filter type '%s', description '%s' and position '%s' failed due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'

4.1.11.5 getFlowsColumns

Input Parameters: None



Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
List of column labels	String	The list of column names for a rule attribute	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMN_FAILED_305	305	Failed to get table column '%s' from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'



4.1.11.6 removeFlowsColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_COLUMN_FAILED_304	304	Failed to remove table column '%s' from table '%s' due to '%s'



Error Name	Error Code	Error Description
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.11.7 getFlowsColumnAttribute

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
attribute	String	The attribute for the specified column (label)	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.11.8 addFlowsRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
conditions	List<String >	A list of conditions matching the column definition	N/A	N
selectedFlow	String	The flow name	The existing flows	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: The added row ID for a specific flow

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.11.9 editFlowsRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y
conditions	List<String> >	A list of conditions matching the column definition	N/A	N
peerProfileName	String	The name of the peer profile which is used in this flow		Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at	0-table size Default: end of table	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		"0". When specified, the other rows are shifted accordingly		

Output Parameters: The added row ID for a specific flow

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_ADD_DECISION_ROW_FAIL_D_308	308	Failed to add decision row due to '%s'



Error Name	Error Code	Error Description
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.11.10 removeFlowsRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove decision row '%s' due to '%s'

4.1.11.11 getFlowsRows

Input Parameters: None

Output Parameters:

- The flow rows

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_DECISION_ROWS_FAILURE_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.11.12 setFlowsRowPosition

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'

4.1.11.13 getFlowsColumnDescription

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y



Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
String	String	The description of the attribute for the specified table and label	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'



Error Name	Error Code	Error Description
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.11.14 getFlowsColumnFilterType

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
filterType	DecisionDefinitionElementType	The filter type for the specified table and label	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.12 Decision Table Methods

The following methods are for all SDC decision tables:

- Flows
- Transformation (pre and post)
- Session Management
- Routing
- Tracing
- Message Prioritization

4.1.12.1 addColumn

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	Default: "Default"	N
tableType	tableType	The type of table (based on the flowName) that the column is added to. Note: If not specified, then the column is added to the Routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing	N
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y
attribute	String	The name of the AVP retrieved from the message	N/A	Y
filterType	Decision Definition Element Type	The data type for this rule attribute	STRING, STRING_COMPLEMENT, SUBSTRING, SUBSTRING_IGNORE_CASE, OCTET_STRING, SCRIPT, REGEXP, NUMBER, NUMBER_COMPLEMENT, POSITIVE_NUM	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			BER, BOOLEAN, NUMBER_RANGE, STRING_RANGE, DATE_RANGE, PEER_STATE, PROTOCOL, IP_ADDRESS, IP_ADDRESS_RANGE, STRING_IGNORE_CASE, STRING_IGNORE_CASE_COMPLEMENT, POOL_STATE, TIME, TIME_RANGE, DATE, PREFIX, PREFIX_IGNORE_CASE, PREFIX_COMPLEMENT, PREFIX_IGNORE_CASE_COMPLEMENT, SUFFIX, SUFFIX_IGNORE_CASE, SUFFIX_COMPLEMENT,	



Parameter Name	Type	Description	Value Range	Required (Y/N)
			SUFFIX_IGNORE_CASE_COMPLEMENT, LIST, LIST COMPLEMENT	
description	String	The description of this rule attribute	N/A	N
position	Integer	The position in the routing table where the column is added. If not specified, then the column is added to the end of the table. If specified, other column positions are moved accordingly.	0-table size Default: end of table	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_COLUMN_FAILED_302	302	Adding column with label '%s', attribute '%s', filter type '%s', description '%s' and position '%s' failed due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'

4.1.12.2 removeColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: “Default”	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
tableType	tableType	The type of table (based on the flowName) that you want to remove a column from. If not specified than the column is removed from the routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing Default: Routing	N
label	string	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_COLUMN_FAILED_304	304	Failed to remove table column '%s' from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.12.3 getColumns

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
tableType	tableType	The type of table (based on the flowName) that the column is retrieved from. If not specified than the column is retrieved from the Routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing. Default: Routing	N

Output Parameters:

- List of column labels



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'

4.1.12.4 getColumnAttribute

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: “Default”	N
tableType	tableType	The type of table (based on the flowName) that the column attribute is retrieved from. If not specified than the column attribute is retrieved from the Routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing Default: Routing	N
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters:

- String - attribute for the specified table and label

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.12.5 getColumnFilterType

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
tableType	tableType	The type of table (based on the flowName) that the column filter type is retrieved from. If not specified than the column filter type is retrieved from the Routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
			Default: Routing	
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters:

- DecisionDefinitionElementType - filter type for the specified table and label

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.12.6 getColumnDescription

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
tableType	tableType	The type of table (based on the flowName) that the column description is retrieved from. If not specified then the column description is retrieved from the Routing table	IncomingTransformation, OutgoingTransformation, SessionManagement, Routing Default: Routing	N
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters:

- String - description for the specified table and label



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
TABLE_TYPE_NOT_SUPPORTED_303	303	The given table type '%s' is not supported. Supported table types are '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.12.7 addDecisionTableList

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
listName	String	The name of the added attribute list	N/A	Y
description	String	A description of the added attribute list	N/A	N
decisionTable List	String	The list item	N/A	Y

Output Parameters:

None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
DECISION_LIST_ADD_FAILED_1601	1601	Failed to add decision list %s due to %s



4.1.12.8 editDecisionTableList

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
listName	String	The name of the attribute list	N/A	Y
description	String	A description of the attribute list	N/A	N
decisionTable List	String	The list items	N/A	Y

Output Parameters:

None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
DECISION_LIST_EDIT_FAILED_1602	1605	Failed to edit decision list %s due to %s



4.1.12.9 getDecisionTableList

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
listName	String	The name of the attribute list	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range
description	String	A description of the attribute list	N/A
decisionTable List		The list items	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
DECISION_LIST_GET_FAILED_1603	1603	Failed to get decision list %s due to %s



4.1.12.10 getAllDecisionTableList

Input Parameters: None

Output Parameters:

Parameter Name	Type	Description	Value Range
listName	String	The name of the attribute list	N/A
description	String	A description of the attribute list	N/A
decisionTable List	String	The list items	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
DECISION_LIST_GET_All_FAILED_1604	1604	Failed to get decision list %s due to %s

4.1.12.11 removeDecisionTableList

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
listName	String	The name of the attribute list	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
DECISION_LIST_REMOVE_FAILED_1602	1602	Failed to רקצמהק decision list %s due to %s

4.1.13 Routing Table Management Methods

4.1.13.1 addRoutingRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
conditions	List<String, String> (receive "condition Key" and "condition Value")	List of conditions matching the column definition.		N
action	String	The actions or policies available per flow management. Each policy/action is associated with configured properties and scripts	The available actions	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:

- String - the added routing row ID

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
PROVISIONING_ADD_ROUTING_ROW_FAILED_308	308	Failed to add routing row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions



4.1.13.2 editRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the edited row in the table.	N/A	Y
conditions	List<String, String> (receive "conditionKey" and "conditionValue")	List of conditions matching the column definition		N
action	String	The actions or policies available per flow management. Each policy/action is associated with configured properties and scripts	The available actions	N
position	Integer	The position of the row in the table. If changed, other rows' positions are shifted accordingly	0 - (table size)-1	N

Output Parameters: String - the edited routing row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
PROVISIONING_ADD_ROUTING_ROW_FAILED_308	308	Failed to add routing row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.13.3 removeRouteRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the removed row in the table	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'



Error Name	Error Code	Error Description
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove routing row '%s' due to '%s' api to check the conditions

4.1.13.4 getRouteRows

Input Parameters: None

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N

Output Parameters:

- The route rows

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
PROVISIONING_GET_DECISION_ROWS_FAILED_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.13.5 setRouteRowPosition

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0".	0-table size Default: end of table	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		When specified, the other rows are shifted accordingly		

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'



4.1.13.6 setRouteRowScript

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
scriptType	script Type	The type of the script for routing row	AdminOnSessionCreate, AdminOnSessionUpdate, AdminOnSessionRelease, SessionBindingExternalLookup	Y
script	String	The added script	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_DECISION_SCRIPT_IN_ROW_FAILED_319	319	Failed to set decision row script '%s' in row '%s' in flow '%s', due to '%s'

4.1.13.7 getRouteRowScript

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
scriptType	script Type	The type of the script for routing row	AdminOnSessionCreate,AdminOnSessionUpdate,AdminOnSessionRelease,SessionBindingExternalLookup	Y

Output Parameters: String – the script



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using webservice. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_ROUTE_ROW_SCRIPT_FROM_ROW_FAILED_318	318	Failed to get route row script '%s' from row '%s', due to '%s'

4.1.13.8 setRouteRowNotificationPool

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
pool	String	The name of the pool that is selected to be the notification pool to receive the duplicated request messages	N/A	Y
notificationPolicy	String	<p>Defines when the request messages will be sent to the notification pool.</p> <hr/> <p>Note:</p> <p>For DISCARD, REJECT, REDIRECT and TERMINATE actions, only UponRequest is relevant.</p> <hr/>	UponRequest, UponSuccessAnswer, UponAnyAnswer Default: UponRequest	N
maxResendAttempts	Integer	The maximum number of times that messages will	N/A	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		be resent to the notification pool		
delayBetweenAttempts	Integer	The time in milliseconds that the SDC will wait before resending messages to the notification pool	N/A (in milliseconds)	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
PROVISIONING_SET_NOTIFICATION_POOL_IN_ROW_FAILED_350	350	Failed to set notification pool '%s' in routing row '%s' due to '%s'

4.1.13.9 getRouteRowNotificationPool

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range
NotificationPool	String	The name of the pool that was selected to be the notification pool to receive the duplicated request messages	N/A
NotificationPolicy	String	Defines when the request messages will be sent to the notification pool	UponRequest, UponSuccessAnswer
ResultCode	String	The configuration options for when the	ANY_ANSWER, SUCCESS_ANSWER



Parameter Name	Type	Description	Value Range
		notificationPolicy is configured as UponSuccessAnswer	
ResendTries	Integer	The maximum number of times that messages were resent to the notification pool	N/A
ResendWaitTime	Integer	The time in milliseconds that the SDC waited before resending messages to the notification pool	N/A (in milliseconds)

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
PROVISIONING_GET_NOTIFICATION_POOL_IN_ROW_FAILED_351	351	Failed to get notification pool '%s' in routing row '%s' due to '%s'

4.1.13.10 removeRouteRowNotificationPool

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_REMOVE_NOTIFICATION_POOL_IN_ROW_FAILED_356	356	Failed to remove notification pool from routing row '%s' of flow '%s'

4.1.13.11 setPoolsLoadBalancePolicy

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
poolsLoadBalancePolicy	String	The load balancing policy for between pools	By Precedence, Round Robin Default: By Precedence	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_POOLS_LOAD_BALANCE_POLICY_FAILED_352	352	Failed to set pools load balance policy '%s' in routing row '%s' due to '%s'

4.1.13.12 getPoolsLoadBalancePolicy

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y



Output Parameters:

Parameter Name	Type	Description	Value Range
pooolsLoadBalancePolicy	String	The load balancing policy for between pools	By Precedence, Round Robin Default: By Precedence

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_POOLS_LOAD_BALANCE_POLICY_FAILED_353	353	Failed to get pools load balance policy '%s' in routing row '%s' due to '%s'

4.1.13.13 setDisablePoolFailover

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
disablePoolFailover	Boolean	Ongoing session messages are forwarded to another pool if original pool is out of service	true, false Default: false (messages will be forwarded to another pool)	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_DISABLE_POOLS_FAILOVER_FAILED_354	354	Failed to set disable pools failover from routing row '%s' due to '%s'

4.1.13.14 getDisablePoolFailover

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Range
disablePoolFailover	Boolean	Ongoing session messages are forwarded to another pool if original pool is out of service	true, false Default: false (messages will be forwarded to another pool)

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_DISABLE_POOLS_FAILOVER_FAILED_355	355	Failed to get disable pools failover from routing row '%s' due to '%s'

4.1.14 Routing Row Route Action Management Methods

These methods are relevant when the routing row Action is configured to ROUTE.

4.1.14.1 setRouteRowPools

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: “Default”	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
pools	list <string>	A list of pool names	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'



Error Name	Error Code	Error Description
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_POOLS_IN_ROW_FAILED_313	313	Failed to set pools '%s' in routing row '%s' due to '%s'

4.1.14.2 getRouteRowPools

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: “Default”	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- List of pool names

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_POOLS_IN_ROW_FAILED_314	314	Failed to get pools '%s' in routing row '%s' due to '%s'

4.1.14.3 setMaxResendAttemptsInRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
maxResendAttempts	Integer	The max resend attempts	maxResendAttempts	Y



Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_ROUTE_MAX_RESEND_ATTEMPTS_IN_ROW_FAILED_320	320	Failed to set route row max resend attempts '%s' in row '%s' in flow '%s', due to '%s'

4.1.14.4 getMaxResendAttemptsForRoutingRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- The max resend attempt

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
ROW_ID_ACTION_DOES_NOT_SUPPORT _REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_MAX_RES END_ATTEMPT_FROM_ROW_FAILED_321	321	Failed to get route row max resend attempts in row '%s' in flow '%s', due to '%s'

4.1.14.5 setDelayBetweenAttemptsInRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_ROUTE_ROW_MAX_RESEND_ATTEMPT_FROM_ROW_FAILED_322	322	Failed to set route row max resend attempts in row '%s' in flow '%s', due to '%s'

4.1.14.6 getDelayBetweenAttemptsInRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y



Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_DELAYED_BETWEEN_ATTEMPT_FROM_ROW_FAILED_323	323	Failed to get route row delayed between attempts in row '%s' in flow '%s', due to '%s'

4.1.14.7 [setDiameterIdentityInRouteRow](#)

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
diameterIdentityPolicy	DiameterIdentityProxyingPolicy	The diameter identity policy for this routing row, can be one of Relay, Client Side Proxy, Full Proxy, Roaming Proxy	Relay, Client Side Proxy, Full Proxy, Roaming Proxy	Y
keepDestinationHostForSessionFailover	Boolean	After a session failover, the destination host that is sent to the destination server will also be sent to the destination server. If not selected (false), the destination-host that will be sent to each destination is the one that was learned during the capabilities exchange.	true/false	N
keepDestinationRealmForSessionFailover	Boolean	After a session failover, the destination realm that is sent to the destination server will also be sent to the destination server. If not selected (false) the destination-realm that will be sent to each destination is the one that was learned during the capabilities exchange.	true/false	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
sdIdentityPersistenceTowardClient	Boolean	Under an SDC Failover, the persistency option is enforced to a client	true/false	N
sdIdentityPersistenceTowardServer	Boolean	Under an SDC Failover, the persistency option is enforced to a server	true/false	N
destinationRealmNormalization	Boolean	When selected (true), the MNC and MCC is extracted from the IMSI and destination realm is changed to epc.mncXXX.mccYYY.3gppnet.org for every ULR message	true/false	N
addRouteRecord	Boolean	When selected (true), the SDC adds a Route-Record AVP to each received request. The Route-Record AVP contains the name of the remote peer that the request originated from, taken during the capabilities exchange.	true/false	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_ROUTE_DIAMETER_IDENTITY_IN_ROW_FAILED_324	324	Failed to set route row diameter identity '%s' in row '%s' in flow '%s', due to '%s'

4.1.14.8 getDiameterIdentityFromRouteRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	N/A

- **Output Parameters:** String – Diameter Identity properties for a selected row in the table



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_DIAMETER_IDENTITY_FROM_ROW_FAILED_325	325	Failed to get route row diameter identity in row '%s' in flow '%s', due to '%s'

4.1.14.9 setTopologyHidingDiameterIdentityInRouteRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
diameterIdentityPolicy	DiameterIdentityProxyPolicy	The diameter identity policy for this routing row <hr/> Note: Recommended to select Relay. <hr/>	Relay, Client Side Proxy, Full Proxy, Roaming Proxy	Y
addRouteRecord	Boolean	When selected (true), the SDC adds a Route-Record AVP to each received request. The Route-Record AVP contains the name of the remote peer that the request originated from, taken during the capabilities exchange.	true/false Default: true	N
topologyHidingPolicy	String	Enables (Full Hiding) or disables (No Hiding) if topology hiding policy is to be applied to this routing row	FULL_HIDING or NO_HIDING	N
topologyHidingHostName1	String	The first configured identity for topology hiding	N/A	N
topologyHidingHostName2	String	The second configured identity for topology hiding	N/A	N

Output Parameters: None



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_ROUTE_DIAMETER_IDENTITY_IN_ROW_FAILED_324	324	Failed to set route row diameter identity '%s' in row '%s' in flow '%s', due to '%s'

4.1.14.10 [getTopologyHidingDiameterIdentityFromRouteRow](#)

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: “Default”	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		(For example, the name of the routing group the rule attribute is added to).		
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	N/A

Output Parameters:

Parameter Name	Type	Description	Value Range
topologyHidingAndDiameterIdentitySettings	TopologyHidingAndDiameterIdentitySettings	The object containing all topology hiding and diameter identity settings (topologyHidingPolicy, topologyHidingHostName1, topologyHidingHostName2)	For topologyHidingPolicy: FULL_HIDING or NO_HIDING

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_DIAMETER_IDENTITY_FROM_ROW_FAILED_325	325	Failed to get route row diameter identity in row '%s' in flow '%s', due to '%s'

4.1.15 Routing Row Redirect Management Methods

These methods are relevant when the routing row Action is configured for REDIRECT.

4.1.15.1 setRedirectSettingsOfRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
redirectHost	String	The redirect host	N/A	N
redirectHostUsage	String	The host usage	"DONT_CA CHE", "ALL_SESSI	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			ON", "ALL_REALM", "REALM_AND_APPLICATION", "ALL_APPLICATION", "ALL_HOST", " "ALL_USER"	
redirectMaxCacheTime	Long	The time to cache	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_ROUTE_REDIRECT_SETTINGS_IN_ROW_FAILED_326	326	Failed to set route row redirect properties '%s' in row '%s' in flow '%s', due to '%s'

4.1.15.2 getRedirectSettingsOfRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- Redirect settings

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_DIAMETER_IDENTITY_FROM_ROW_FAILED_325	325	Failed to get route row diameter identity in row '%s' in flow '%s', due to '%s'

4.1.16 Routing Row Reject Routing Management Methods

These methods are relevant when the routing row Action is configured for REJECT.

4.1.16.1 setRejectResultCodeForRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		(For example, the name of the routing group the rule attribute is added to).	Default: “Default”	
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
resultCode	Long	reject result code	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'



Error Name	Error Code	Error Description
PROVISIONING_SET_ROUTE_REJECT_RESULT_CODE_IN_ROW_FAILED_328	328	Failed to set route row reject result code '%s' in row '%s' in flow '%s', due to '%s'

4.1.16.2 getRejectResultCodeOfRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- Reject result code

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_ROUTE_ROW_REJECT_RESULT_CODE_FROM_ROW_FAILED_329	329	Failed to get route row reject result code in row '%s' in flow '%s', due to '%s'

4.1.17 Routing Row Forward Routing Management Methods

These methods are relevant when the routing row Action is configured for FORWARD.

4.1.17.1 setForwardSettingsOfRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
forwardTo	String	Message can be forwarded to a peer or pool	Peer, Pool	N
extractDestinationFrom	String	Name of the peer or pool that is defined in the forwardTo action	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_FORWARD_DATA_IN_ROW_FAILED_316	316	Failed to set routing row '%s' with forward data '%s', '%s', due to '%s'

4.1.17.2 getForwardSettingsOfRoutingRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- Forward Settings

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_GET_FORWARD_DATA_IN_ROW_FAILED_316	317	Failed to get forward data from row '%s', due to '%s'

4.1.18 Session Management Table Methods

4.1.18.1 addSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
conditions	List<string>	A list of conditions matching the column definition.	Default: Empty	N
action	String	The session management action to use,	CACHE, EXTERNAL, RESOLVE, RESOLVE OR EXTERNAL, RESOLVE OR CACHE, NO BINDING	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:

- The added session row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.18.2 editSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		rule attribute is added to).		
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A Default: Empty	Y
conditions	List<string>	A list of conditions matching the column definition.	N/A Default: Empty	N
action	String	The session management action to use,	CACHE, EXTERNAL, RESOLVE, RESOLVE OR EXTERNAL, RESOLVE OR CACHE, NO BINDING	N
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:



- The added session row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.18.3 removeSessionManagementRow

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A Default: Empty	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove decision row '%s' due to '%s'

4.1.18.4 setSessionManagementRowPosition

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'

4.1.18.5 getSessionManagementRows

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	string	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N



Output Parameters:

- The route rows

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_GET_DECISION_ROWS_FAILED_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.18.6 setScriptInSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		(For example, the name of the routing group the rule attribute is added to).		
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A Default: Empty	Y
scriptType	ScriptType	The type of the script	One of the following: routingRemoteNo deEventOrCheckE rrorInAnswer, routingServerErro r, routingClientError , routingShouldHan dleLocally, routingHandleLoc ally, routingCreateMes sageLocally, routingRedirect, routingHandleRej ect	Y
script	String	The added script	N/A	Y

Output Parameters: None

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using webservice. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_DECISION_SCRIPT_IN_ROW_FAILED_319	319	Failed to set decision row script '%s' in row '%s' in flow '%s', due to '%s'

4.1.18.7 setSessionManagementRowProperties

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		(For example, the name of the routing group the rule attribute is added to).		
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
sessionTimeoutTime Unit	String	The time resolution of the time parameter	Seconds, Minutes, Hours, Days, Weeks	N
sessionTimeout	Integer	The time frame (in the predefined time units) after which the session is released	sessionTimeout (number)	N
sessionPersistencePolicy	Boolean	The policy to save the session data in the repository and replicate it	Persist, Non Persistence, Persist and Replicate	N
Traceable	Boolean	Traces the session using log messages	true/false	N
dumpMessagesToFile	Boolean	Traces the session by collecting its data for a TDR report	true/false	N
cacheRoutingResult	Boolean	This sets the routing decision for a session to be made only once per session – during session initialization	true/false	N
releaseUponSession Termination	Boolean	Sets if session is to be released upon a termination message	true/false	N
idleSessionTimeout	Boolean	Resets a timeout upon every session data withdrawal in	true/false	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		addition to resetting the session timeout regularly upon session data update		

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_SESSION_PROPERTIES_IN_ROW_FAILED_330	330	Failed to set session properties '%s' in row '%s' in flow '%s', due to '%s'

4.1.18.8 [getSessionManagementRowProperties](#)

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- Session properties

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'



Error Name	Error Code	Error Description
PROVISIONING_GET_ROUTE_ROW _DIAMETER_IDENTITY_FROM_ ROW_FAILED_325	325	Failed to get route row diameter identity in row '%s' in flow '%s', due to '%s'

4.1.18.9 getScriptOfSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
scriptType	ScriptType	The type of the script.	One of the following: routingRemoteNodeEventOrCheckErrorInAnswer, routingServerError, routingClientError, routingShouldHandleLocally, routingHandleLocally, routingCreateMessageLocally, routingRedirect, routingHandleReject	Y
script	String	The added script	N/A	Y

Output Parameters: None



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
	803	
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	319	Row Id '%s' current configured action '%s' is not of type '%s'

4.1.19 Session Management Rules: Cache or External

4.1.19.1 addBindingRecordDefinitionToSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
keyName	String	The session management binding key		Y
content	String	The content of the binding key		Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using webservice. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'



Error Name	Error Code	Error Description
PROVISIONING_SET_DECISION_SCRIPT_IN_ROW_FAILED_319	319	Failed to set decision row script '%s' in row '%s' in flow '%s', due to '%s'

4.1.19.2 removeBindingRecordDefinitionFromSessionManagementRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
keyName	String	The session management binding key		Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
BINDING_RECORD_DOES_NOT_EXIST_334	334	Failed to remove binding record with key '%s' from decision row '%s' of flow '%s' due to '%s'
PROVISIONING_REMOVE_SESSION_BINDING_RECORDS_IN_ROW_FAILED_335	335	Failed to remove binding record with key '%s' from decision row '%s' of flow '%s' due to '%s'

4.1.19.3 [getBindingRecordDefinitionFromSessionManagementRow](#)

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
rowId	string	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:



- Session Properties

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_SESSION_BINDING_RECORDS_FROM_ROW_FAILED_336	336	Failed to get binding records from row '%s' in flow '%s', due to '%s'

4.1.20 Session Management Rules: Resolve, Resolve or External, Resolve or Cache

4.1.20.1 setResolvedSessionManagementRowProperties

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
		(For example, the name of the routing group the rule attribute is added to).		
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
keyName	String	The session management binding key		Y
content	String	The content of the binding key		Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
PROVISIONING_SET_SESSION_BINDING_RECORDS_IN_ROW_FAILED_333	333	Failed to set session binding records '%s' in row '%s' in flow '%s', due to '%s'

4.1.20.2 getResolvedSessionManagementRowProperties

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management	N/A Default: "Default"	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters:

- Session Properties (definedKeys, keyContent)

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_SESSION_BINDING_RECORDS_FROM_ROW_FAILED_336	336	Failed to get binding records from row '%s' in flow '%s', due to '%s'

4.1.21 Session Management: External Repository Methods

These methods are relevant when an External/External or Cache binding rule is configured.

4.1.21.1 getSessionManagementRowExternalLookupName

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y

Output Parameters: String

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_ROUTE_ROW_DIAMETER_IDENTITY_FROM_ROW_FAILED_325	325	Failed to get route row diameter identity in row '%s' in flow '%s', due to '%s'
PROVISIONING_GET_SESSION_MANAGEMENT_LOOKUP_REPOSITORY_FROM_ROW_FAILED_343	343	Failed to get session row lookup repository from row '%s' in flow '%s', due to '%s'

4.1.21.2 setSessionManagementRowExternalLookupName

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: “Default”	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
lookupRepositoryName	String	The lookup repository name	One of the preconfigured external repositories	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
PROVISIONING_SET_SESSION_LOOKUP_REPOSITORY_IN_ROW_FAILED_342	342	Failed to set session lookup repository '%s' in row '%s' in flow '%s', due to '%s'



4.1.22 External Lookup Management

4.1.22.1 addOrEditExternalLookup

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
name	String	The name of the external lookup item	N/A	Y
description	String	Describes the new lookup item (e.g. “Connects to LDAP and extracts IMSI”).	N/A	N
startupScript	String	Sets the script to run each time SDC is initiated	N/A	N
monitorInterval	String	Monitors the script’s monitoring scripts’ run interval (in Millis)	N/A	N
monitorScript	String	Sets the script to run and monitor the script’s connection with the external source	N/A	N
shutDownScript	String	Sets the script to run each time the SDC shuts down	N/A	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
PROVISIONING_FAILED_ADD_EXTERNAL_LOOKUP_366	366	Failed to add or edit external look up due to '%s'



4.1.23 Transformation Table Management Methods

4.1.23.1 addTransformationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
tableType	tableType	The table type	IncomingTransfo rmation, OutgoingTransfo rmation	Y
conditions	List<String>	A list of conditions matching the column definition.		N
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:

- String - the added session row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.23.2 editTransformationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A Default: Empty	Y
conditions	List<String>	A list of conditions matching the column definition.	Default: Empty	N
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	N

Output Parameters:

- String - the added session row ID

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported



Error Name	Error Code	Error Description
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED _ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED _ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_ADD_DECISION_ROW_FAIL D_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MAT CH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.23.3 getTransformationRows

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y

Output Parameters:

- The route rows



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using webservice. Supported actions are '%s'
PROVISIONING_GET_DECISION_ROWS_FAILED_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.23.4 removeTransformationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the edited row in the table.	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove decision row '%s' due to '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'

4.1.23.5 setTransformationRowPosition

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	Y
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y
rowId	String	The row ID is a unique identifier for the edited row in the table.	N/A	Y
position	Integer	The position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'

4.1.23.6 setScriptInTransformationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y
rowId	String	The row ID is a unique identifier for the edited row in the table.	N/A Default: Empty	Y
scriptType	ScriptType	The type of the script	One of the following: routingRemoteNodeEventOrCheckErrorInAnswer, routingServerError, routingClientError, routingShouldHandleLocally, routingHandleLocally, routingCreateMessageLocally, routingRedirect, routingHandleReject	Y
script	String	The added script		Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_SET_DECISION_SCRIPT_IN_ROW_FAILED_319	319	Failed to set decision row script '%s' in row '%s' in flow '%s', due to '%s'

4.1.23.7 getScriptOfTransformationRow

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
flowName	String	The name of the flow management (For example, the name of the routing group the rule attribute is added to).	N/A Default: "Default"	N
tableType	tableType	The table type	IncomingTransformation, OutgoingTransformation	Y
rowId	String	The row ID is a unique identifier for the edited row in the table.	N/A	Y
scriptType	ScriptType	The type of the script	One of the following: routingRemoteNodeEventOrCheckErrorInAnswer, routingServerError	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			or, routingClientError, routingShouldHandleLocally, routingHandleLocally, routingCreateMessageLocally, routingRedirect, routingHandleReject	

Output Parameters:

- String – the script

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for routing using webservice. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_GET_ROUTE_ROW_SCRIPT_F ROM_ROW_FAILED_318	318	Failed to get decision row script '%s' from row '%s', due to '%s'

4.1.24 Message Prioritization Methods

4.1.24.1 addMessagePrioritizationRow

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
conditions	List<String>	A list of conditions matching the column definition	N/A	N
messagePriority	String	The message priority level	LOW, MEDIUM, HIGH	N
position	Integer	The position where this row was added. If not specified, the row is added at the end of the table. If specified, other rows positions are moved accordingly.	0-table size	N

Output Parameters:



Parameter Name	Type	Description	Value Ranges
The added ID	String	The added row ID in the MP (Message Prioritization) decision table	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition



Error Name	Error Code	Error Description
		table '%s'. Use getColumn api to check the conditions

4.1.24.2 editMessagePrioritizationRow

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
rowId	String	The row ID is a unique identifier for the edited row in the table	N/A	Y
conditions	List<String>	A list of conditions matching the column definition	N/A	N
messagePriority	String	The message priority level	LOW, MEDIUM, HIGH	Y
position	Integer	The position of the row in the MP decision table	0-table size	N

Output Parameters:

Parameter Name	Type	Description	Value Ranges
rowId	String	The edited row ID in the MP decision table	N/A

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'
DECISION_TABLE_CONDITIONS_DONT_MATCH_DEFINITION_309	309	Decision table condition '%s' do not match the definitions in definition table '%s'. Use getColumn api to check the conditions

4.1.24.3 getMessagePrioritizationRows

Input Parameters: None

Output Parameters:

- The message prioritization rows

Error Messages:



Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
PROVISIONING_GET_DECISION_ROWS_FAILED_312	312	Failed to retrieve decision rows from decision table '%s' due to '%s'

4.1.24.4 [removeMessagePrioritizationRow](#)

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
rowId	String	The row ID that you want to remove from the MP decision table	N/A	Y

Output Parameters: None



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
ROUTING_ACTION_NOT_SUPPORTED_307	307	The action '%s' is not supported action for session management using web service. Supported actions are '%s'
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
PROVISIONING_REMOVE_ROUTING_ROW_FAILED_310	310	Failed to remove decision row '%s' due to '%s'

4.1.24.5 setMessagePrioritizationRowPosition

Input Parameters:



Parameter Name	Type	Description	Value Range	Required (Y/N)
rowId	String	The row ID is a unique identifier for the selected decision row in the table	N/A	Y
position	Integer	The row ID's position in the table where this row is added. If this parameter is not included, the row is added at the bottom of the table. If this parameter is included, but without a value, the row is added at "0". When specified, the other rows are shifted accordingly	0-table size Default: end of table	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
ROW_ID_DOES_NOT_EXIST_311	311	Row with row id '%s' does not exist in decision table '%s'
ROW_ID_ACTION_DOES_NOT_SUPPORT_REQUESTED_ACTION_315	315	Row Id '%s' current configured action '%s' is not of type '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_DECISION_ROW_FAILED_308	308	Failed to add decision row due to '%s'

4.1.24.6 addMessagePrioritizationColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y
attribute	String	The name of the AVP retrieved from the message	N/A	Y
filterType	Decision Definition ElementType	The data type for this rule attribute	STRING, STRING_COMPLEMENT, SUBSTRING, SUBSTRING_IGNORE_CASE, OCTET_STRING, SCRIPT,	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
			REGEXP, NUMBER, POSITIVE_NUMBER, BOOLEAN, NUMBER_RANGE, STRING_RANGE, DATE_RANGE, PEER_STATE, PROTOCOL, IP_ADDRESS, IP_ADDRESS_RANGE, STRING_IGNORE_CASE, STRING_IGNORE_CASE_COMPLEMENT, POOL_STATE, TIME, TIME_RANGE, DATE, PREFIX, PREFIX_IGNORE_CASE, SUFFIX, SUFFIX_IGNORE_CASE	
description	String	The description of this rule attribute	N/A	N



Parameter Name	Type	Description	Value Range	Required (Y/N)
position	Integer	The position in the MP table where the column is added. If not specified, then the column is added to the end of the table. If specified, other columns positions are moved accordingly.	0-table size Default: end of table	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'



Error Name	Error Code	Error Description
RULE_ATTRIBUTE_LABEL_ALREADY_EXISTS_300	300	Rule attribute with label '%s' already exists in table '%s'
POSITION_OUT_OF_RANGE_301	301	Position '%s' is out of range [0, %s] in table '%s'
PROVISIONING_ADD_COLUMN_FAILED_302	302	Adding column with label '%s', attribute '%s', filter type '%s', description '%s' and position '%s' failed due to '%s'

4.1.24.7 getMessagePrioritizationColumns

Input Parameters:

None

Output Parameters:

- List of column labels

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'

4.1.24.8 getMessagePrioritizationColumnFilterType

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters:

- DecisionDefinitionElementType - filter type for the specified table and label

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'



Error Name	Error Code	Error Description
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.24.9 getMessagePrioritizationColumnAttribute

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column	N/A	Y

Output Parameters:

- String - attribute for the specified rule attribute



Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.24.10 getMessagePrioritizationColumnDescription

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name,	N/A	Y



Parameter Name	Type	Description	Value Range	Required (Y/N)
		used as an identifier for this column		

Output Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
String	String	The description of the attribute for the specified table and label	N/A	Y

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_GET_COLUMNS_FAILED_305	305	Failed to get table columns from table '%s' due to '%s'



Error Name	Error Code	Error Description
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.24.11 removeMessagePrioritizationColumn

Input Parameters:

Parameter Name	Type	Description	Value Range	Required (Y/N)
label	String	The name of the rule attribute. This should be a unique name, used as an identifier for this column.	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'
GENERAL_ERROR_802	802	Mandatory parameter '%s' is missing
GENERAL_ERROR_803	803	Operation is not supported
GENERAL_ERROR_804	804	Mandatory parameter '%s' is missing. Should be one of '%s'
GENERAL_ERROR_805	805	Parameter '%s' with value '%s' should be at least %s characters
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_SITE_806	806	Action is not allowed on EMS site '%s'



Error Name	Error Code	Error Description
PROVISIONING_WS_ACTION_NOT_ALLOWED_ON_LOCAL_SITE_807	807	Action is not allowed on local site '%s'
PROVISIONING_REMOVE_COLUMN_FAILED_304	304	Failed to remove table column '%s' from table '%s' due to '%s'
RULE_ATTRIBUTE_LABEL_DOES_NOT_EXIST_306	306	Rule attribute with label '%s' does not exist in table '%s'

4.1.25 SNMP Monitoring Methods

4.1.25.1 setSNMPTrapTargetAddresses

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The site in which you are changing the target machines to which SNMP traps are sent	N/A	Y
address	Integer	The IP address to which alarms are sent	N/A	
community	String	The Community string is the security name that notifies the target machine	N/A Default: public	

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.25.2 getSNMPTrapTargetAddresses

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The site in which you are changing the target machines to which SNMP traps are sent	N/A	Y

Output Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
address	Integer	The IP address to which alarms are sent	N/A	
community	String	The Community string is the security name that notifies the target machine	N/A Default: public	

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error

4.1.25.3 addSNMPProfile

You can add the following SNMP profiles:

- SNMP V2- Trap Forwarding traps: to forward traps to an external SNMP application
- SNMPv3: to retrieve statistics to an external SNMP application



Note: Some addSNMPProfiles input parameters are only relevant for certain SNMP profiles as noted in the Description column.

Input Parameters:



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The relevant EMS or SDC site to which you are adding the SNMP profile	N/A	Y
profileName	String	The name of the profile that will appear in the Web UI SNMP Settings table (Administration > Specific Site Settings > SNMP)	Between 1-32 letter or number characters in length, without any spaces	Y
isEnabled	Boolean	Enables/disables the added profile. When set to true, the defined profile is enabled	true/false Default: true	N
version	String	The defined SNMP version	SNMPv2c/SNMPv3	
communityName	String	The Community string is the security name that notifies the target machine. Relevant for SNMP V2-Trap Forwarding	Default: public	N
host	String	The IP address to which alarms are sent (the target). Relevant for SNMP V2-Trap Forwarding		
port	String	The port number to which alarms are sent. Relevant for SNMP V2-Trap Forwarding		
timeout	Integer	The time, in seconds, that SDC will wait for an answer. Relevant for SNMP V2-Trap Forwarding	1-180 seconds Default:10 seconds	N
retryCount	Integer	When a timeout occurs, the defined number of times that system will wait again for an answer. Relevant for SNMP V2-Trap Forwarding	1-20 Default: 2 tries	N



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
isTrapForwarding	Boolean	When true, SNMP V2 Trap Forwarding is enabled and traps are sent to an external server. When sent to false traps are sent to an internal NMS server. Relevant for SNMP V2-Trap Forwarding	true/false	
userName	String	The defined user name. Relevant for SNMPv3	Between 1-32 letter or number characters in length, without any spaces	Y
privacyProtocol	String	Defines the privacy data encryption protocol that is used for security settings for SNMPv3 profiles	AES128, AES192, AES256	Y
privacyPassword	String	Data encryption password for SNMPv3 profiles	Must be between 8-32 characters long (no spaces)	Y
authProtocol	String	Defines the user authentication protocol for security settings for SNMPv3 profiles	SHA1, SHA2	Y
authPassword		User authentication password for SNMPv3 profiles	Must be between 8-32 characters long (no spaces)	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'

4.1.25.4 editSNMPPProfile

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The site in which you are editing selected SNMP profiles	N/A	Y
profileName	String	The name of the profile in the SNMP Settings table Administration > Specific Site Settings > SNMP) that you want to edit	Between 1-32 letter or number characters in length, without any spaces	Y
isEnabled	Boolean	Enables/disables the selected edited profile. When set to true, the defined profile is enabled.	true/false Default: true	Y
communityName	String	Defines the SNMP community that is used by the SDC to publish its trap. It must correlate with the trap target's community. Relevant for SNMP V2 (Trap Forwarding and default).	Default: public	N
host	String	The IP address of the target. Relevant for SNMP V2- Trap Forwarding		
port	String	The port number to which alarms are sent. Relevant for SNMP V2 Trap Forwarding		



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
timeout	Integer	The time, in seconds, that SDC will wait for an answer. Relevant for SNMP V2-Trap Forwarding	1-180 seconds Default: 15 seconds	
retryCount	Integer	When a timeout occurs, the defined number of times that system will wait to try again after a timeout. Relevant for SNMP V2-Trap Forwarding	1-20 Default: 3 tries	
isTrapForwarding	Boolean	When true, SNMP V2 Trap Forwarding is enabled and traps are sent to an external server. When sent to false traps are sent to an internal NMS server. Relevant for SNMP V2-Trap Forwarding	true/false	
userName	String	The defined user name. Relevant for SNMPv3 (default and added) profiles	N/A	
privacyProtocol	String	Defines the data encryption privacy protocol that is used for security settings for SNMPv3 profiles (not editable for SnmpV3_User_Default profile)	AES128, AES192, AES256	
privacyPassword	String	Data encryption password for SNMPv3 profiles	Must be between 8-32 characters long (no spaces)	
authProtocol	String	Defines the authentication protocol for security settings for SNMPv3 profiles (not editable	SHA1, SHA2	



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
		for SnmpV3_User_Default profile)		
authPassword	String	User authentication password for SNMPv3 profiles	Must be between 8-32 characters long (no spaces)	

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'

4.1.25.5 getSNMPProfile

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The site in which you are changing the target machines to which SNMP traps are sent	N/A	Y

Output Parameters: An XML will be generated listing the defined (added) parameters

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error



Error Name	Error Code	Error Description
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'

4.1.25.6 removeSNMPProfiles

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
SiteId	String	The EMS or SDC site in which you are removing SNMP profiles from	N/A	Y
List	String	The relevant profileNames that you want to remove	N/A	Y

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
INTERNAL_ERROR_800	800	Internal Error
GENERAL_ERROR_801	801	Wrong parameter value. For parameter '%s', allowed values are: '%s'

4.1.26 Transaction Data Records Reports

4.1.26.1 setCreateTDR

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
flowname	String	The name of the flow management	N/A Default: Empty	Y



Parameter Name	Type	Description	Value Ranges	Required (Y/N)
rowID	String	The row ID is a unique identifier for the selected row in the decision table	N/A Default: Empty	Y
CreateTDR	Boolean	Sets status if the Create Transaction Data Record functionality is enabled (true) for a selected routing row	true,false Default: false	N

Output Parameters: None

Error Messages:

Error Name	Error Code	Error Description
SET_CREATE_TDR	1606	“Failed to edit decision list is %s due to %s”

4.1.26.2 getCreateTDR

Input Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
CreateTDR	Boolean	The status if the Create Transaction Data Record functionality is enabled (true)	true, false Default: false	N/A

Output Parameters:

Parameter Name	Type	Description	Value Ranges	Required (Y/N)
CreateTDR	Boolean	The status if the Create Transaction Data Record functionality is enabled (true)	true, false Default: false	N/A

Error Messages:



Error Name	Error Code	Error Description
GET_CREATE_TDR	1607	“Failed to edit decision list is %s due to %s”



Glossary

The following tables list the common terms and abbreviations used in this document.

Table 5: Common Terms

Term	Definition
Answer	A message sent from one Client/Server Peer to the other following a request message
Client Peer	A physical or virtual addressable entity which consumes AAA services
Data Dictionary	Defines the format of a protocol's message and its validation parameters: structure, number of fields, data format, etc.
Destination Peer	The Client/Server peer to which the message is sent
Geo Redundancy	A mode of operation in which more than one geographical location is used in case one site fails
Master Session	The session for which the routing selection is performed based on the routing rules (Slave Sessions are applied with routing rules inherited from the Master Session)
Orchestrator	A workflow management solution to automate the creation, monitoring, and deployment of resources in your environment
Origin Peer	The peer from which the message is received
Pool	A group of Server Peers
QCOW2	A file format for disk image files
RADIUS	Remote Authentication Dial In User Service
REST	Representation of a resource between a client and server (Representational State Transfer)
Request	A message sent from one Client/Server peer to the other, followed by an answer message
RPM	RPM Package Manager



Term	Definition
Salt-API	Manages and communicates between an Orchestrator and network master and minion servers
SDC Site	The entire list of entities working in a single site
Server Peer	A physical or virtual addressable entity which provides AAA services
Session	An interactive information interchange between entities
Slave (Bound) Session	A session which inherits properties from a master session
Transaction	A request message followed by an answer message
Tripo	Session data repository
vCenter	Vmware Virtual Infrastructure tool for centralized management of multiple hypervisors and enabling functionalities
Virtual Server	A binding point used by SDC to communicate with the Remote Peers (Clients and Servers)

Table 6: Abbreviations

Term	Definition
AAA	Authentication, Authorization and Accounting
ACL	Access Control List
AF	Application Function
API	Application Programming Interface
AVP	Attribute Value Pair
CLI	Command Line Interface
CPF	Control Plane Function
DEA	Diameter Edge Agent
DRA	Diameter Routing Agent



Term	Definition
EMS Site	Element Management System Site
FEP-In	In-Front End Proxy
FEP-Out	Out-Front End Proxy
HA	High Availability
HSS	Home Subscriber Server
HTTP	Hypertext Transfer Protocol
IaaS	Infrastructure as a Service
IMS	IP Multimedia Subsystem
JMS	Java Message Service
KPI	Key Performance Indicator
LDAP	Lightweight Directory Access Protocol
LTE	Long Term Evolution
MME	Mobility Management Entity
NGN	Next Generation Networking
Node	Physical or virtual addressable entity
OAM	Operation, Administration and Maintenance
OCS	Online Charging System
OVF	Open Virtualization Format
PCEF	Policy and Charging Enforcement Function
PCRF	Policy and Charging Rules Function
PLMN	Public Land Mobile Network
SCCP	Signaling Connection Control Part
SCTP	Stream Control Transmission Protocol



Term	Definition
SDC	Signaling Delivery Controller
SNMP	Simple Network Management Protocol
SS7	Signaling System No. 7
TCP	Transmission Control Protocol
TLS	Transport Layer Security
UDP	User Datagram Protocol
UE	User Equipment
URI	Universal Resource Identification.
VIP	Virtual IP
VM	Virtual Machine
VNFC	Virtualized Network Function Component
VPLMN	Visited Public Land Mobile Network
Web UI	Web User Interface
WS	Web Service