



**Amazon Chime SDK Voice Connector  
SIPREC Resiliency Configuration Guide  
Genesys Engage V9 and Ribbon SBC SWe  
V11.01.00-R000**

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## Document History

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# 1 Audience

This document is intended for technical staff and Value Added Resellers (VAR) with installation and operational responsibilities. This configuration guide provides steps for configuring **SIPREC** using **Genesys Engage** and **Ribbon Session Border Controller SWe** to connect to **Amazon Chime SDK Voice Connector** for streaming audio to Kinesis Video Streams (KVS). The audio can then be processed by services such as Amazon Transcribe or Amazon Chime SDK Call Analytics to fulfill a number of business purposes.

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## 1.1 Amazon Chime SDK Voice Connector

Amazon Chime SDK Voice Connector is a pay-as-you-go service that enables companies to make or receive secure phone calls over the internet or AWS Direct Connect using their existing telephone system or session border controller (ESBC). The service has no upfront fees, elastically scales based on demand, supports calling both landline and mobile phone numbers in over 100 countries, and gives customers the option to enable inbound calling, outbound calling, or both.

Amazon Chime SDK Voice Connector uses the industry-standard Session Initiation Protocol (SIP). Amazon Chime SDK Voice Connector does not require dedicated data circuits. A company can use their existing Internet connection or AWS Direct Connect public virtual interface for SIP connectivity to AWS. Voice connectors can be configured in minutes using the AWS Management Console or Amazon Chime SDK Voice Connector API. Amazon Chime SDK Voice Connector offers cost-effective rates for inbound and outbound calls. Calls into Amazon Chime SDK Voice Connector meetings, as well as calls to other Amazon Chime SDK Voice Connector customers are at no additional cost. With Amazon Chime SDK Voice Connector, companies can reduce their voice calling costs without having to replace their on-premises phone system.

## 2 SIP Trunking Network Components

The network topology for SIPREC reference configuration is illustrated below:

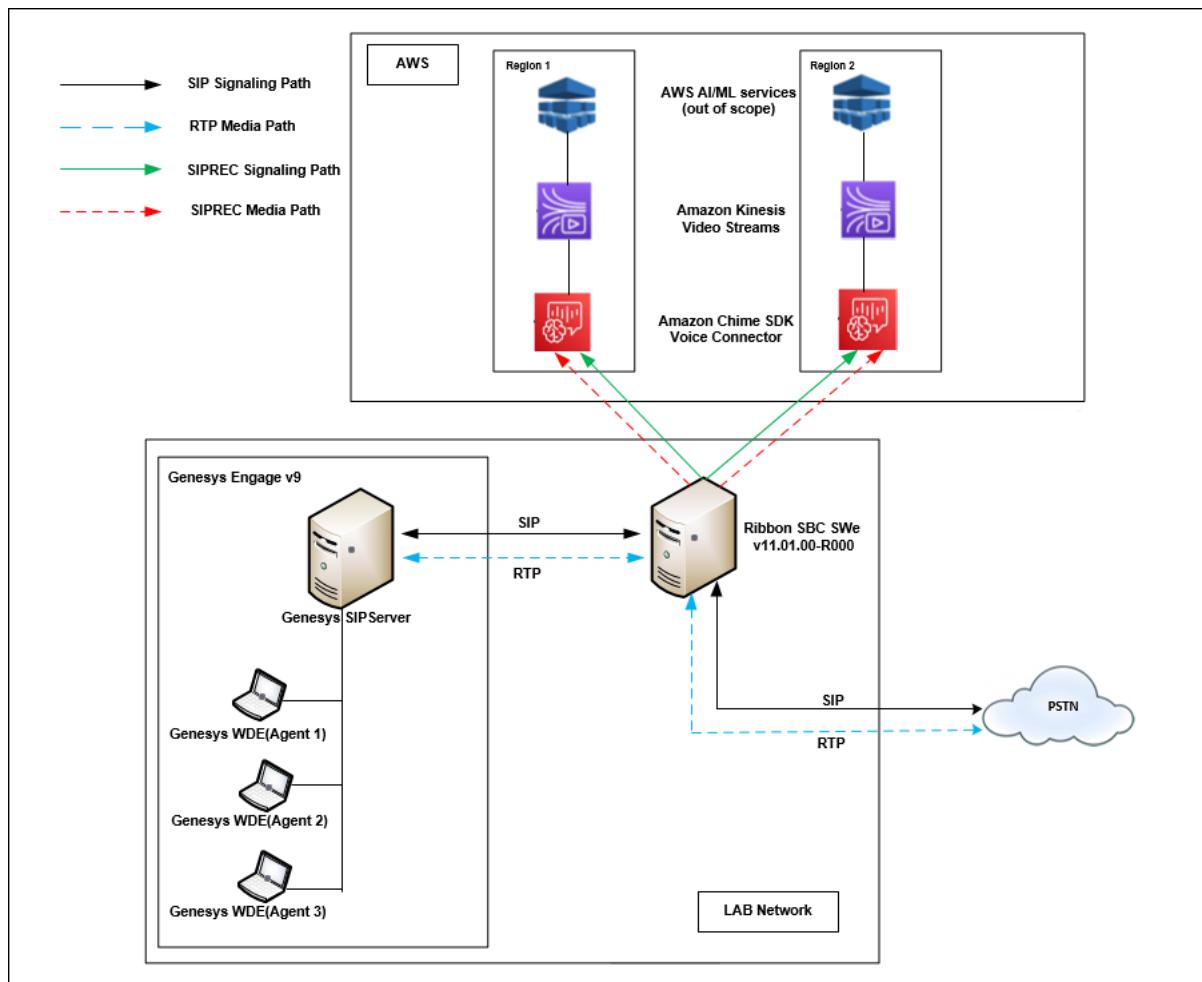


Figure 1: Network Topology

The signaling and media flow is illustrated below:

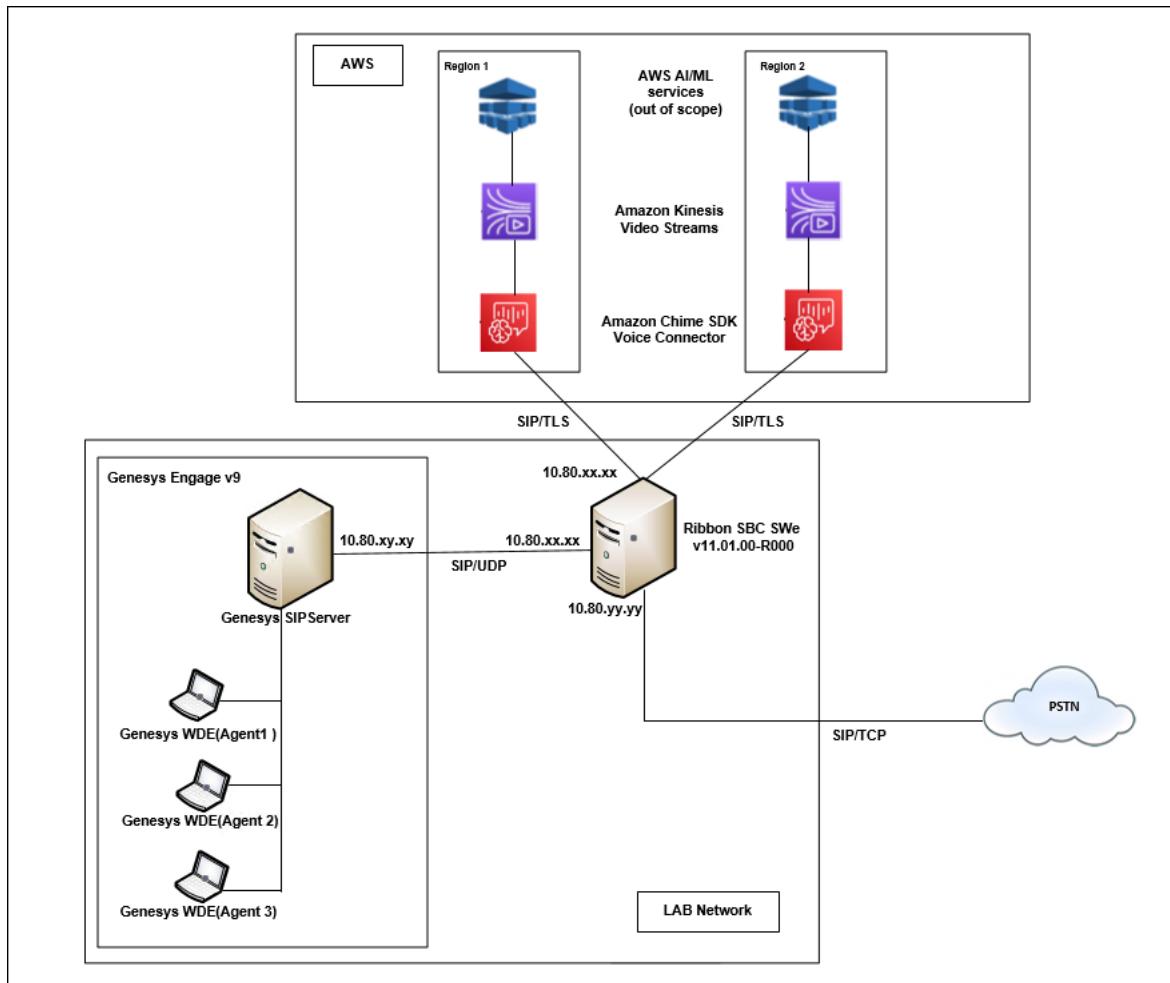


Figure 2: Signaling and Media Flow

## 3 SIPREC Resilience Network topology

### 3.1 Active-Active Strategy

- In Active-Active, once the call is established between Genesys and PSTN, the SBC sends SIPREC SIP Invite to two separate Amazon Chime SDK Voice Connector present in two different regions.
- If the SIPREC session is established, the SBC concurrently streams audio to the two separate AWS Regions.
- In each Region, Amazon Chime SDK Call Analytics independently captures the audio stream to create call recordings.
- Each AWS Region has an independent set of service resources and there are no dependencies between the two Regions.

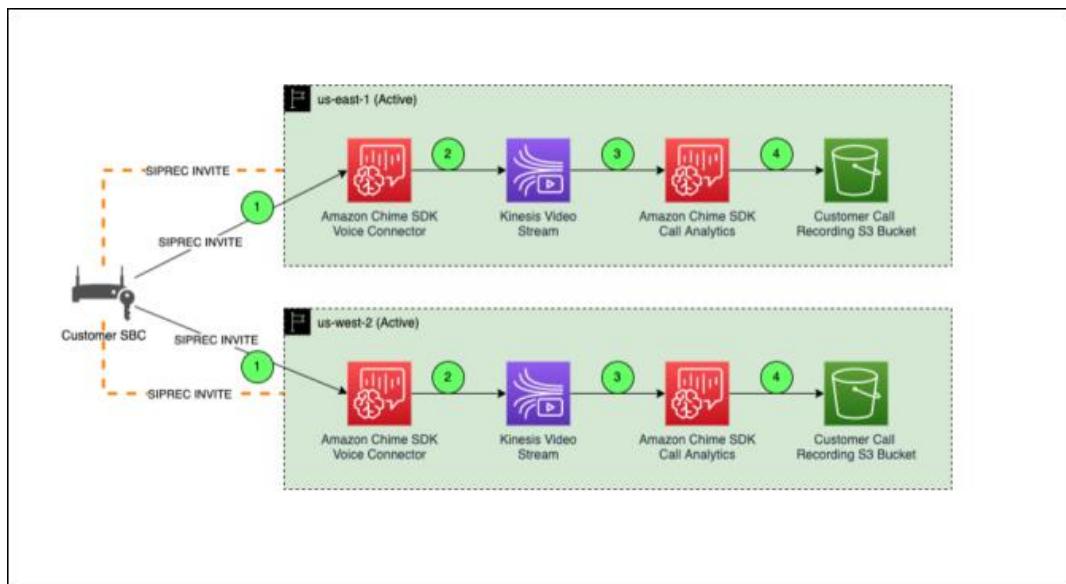


Figure 3 : Active-Active Strategy

### 3.2 Active-Passive Strategy

- In Active-Passive, once the call is established between Genesys and PSTN, the SBC sends a SIPREC SIP Invite to the primary Amazon Chime SDK Voice Connector AWS Region.
- If the SBC detects that the active Voice Connector is unhealthy (e.g. due to a timeout or SIP 503 response) the SBC will then re-invite using the passive Voice Connector rather than the active Voice Connector.
- If the SBC detects that the active Voice Connector has recovered, the SBC re-establishes SIPREC recording sessions with the active Voice Connector for all new calls.
- Each AWS Region has its own independent set of service resources and there are no dependencies between the two Regions.

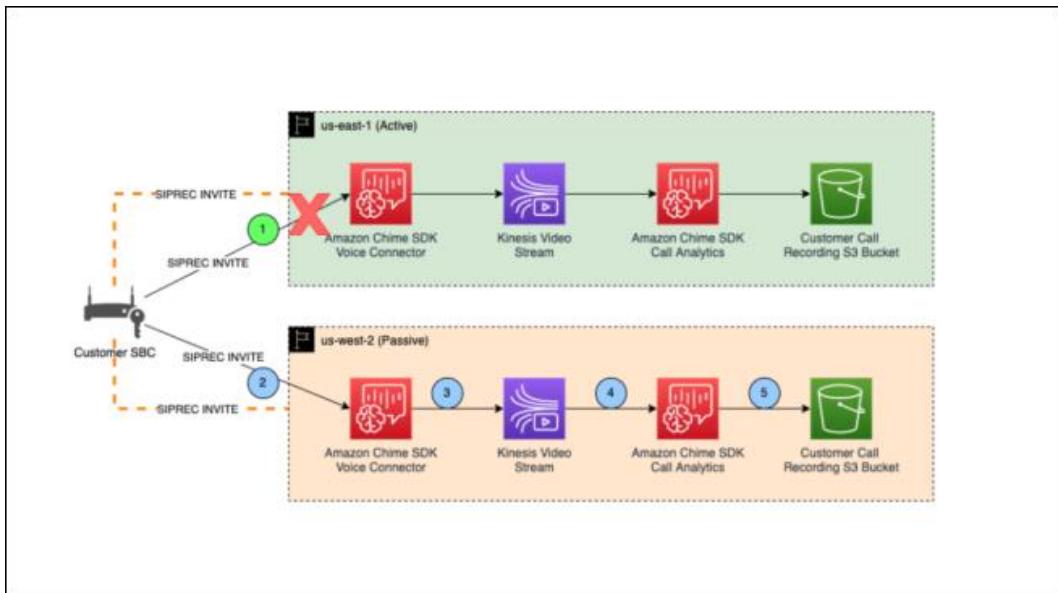


Figure 4 : Active-Passive Strategy

### 3.3 Hardware Components

- VMWare server running ESXi 7.0 or later used for the following virtual machine
  - Genesys Engage
  - Ribbon SBC SWe

### 3.4 Software Requirements

- Genesys Engage v9
- Ribbon SBC SWe v11.01.00-R000

## 4 Features

### 4.1 Features Supported and Not Supported

Table 1 – Supported and Not Supported Features

SL. No.	Features/Services	Supported
1	Basic Inbound Call in Active-Active	✓
2	Basic Outbound Call in Active-Active	✓
3	Basic Inbound Call in Active-Passive	✓
4	Basic Outbound Call in Active-Passive	✓
5	Basic Inbound Call in Active-Passive with failover	✓
6	Basic Outbound Call in Active-Passive with failover	✓
7	Basic Inbound Call in Active-Passive after restored	✓
8	Basic Outbound Call in Active-Passive after restored	✓

### 4.2 Features Not Tested

- None

### 4.3 Caveats and Limitations

- None

## 5 Configuration

The specific values listed in this guide are used in the lab configuration described in this document and are for illustrative purposes only. You must obtain and use the appropriate values for your deployment. Encryption is always recommended if supported.

### 5.1 Configuration Checklist

This section presents an overview of the steps that are required to configure Genesys Engage and Ribbon SBC SWe for SIPREC using SIP Trunking with Amazon Chime SDK Voice Connector.

Table 2 – Genesys and SBC Configuration Steps

Steps	Description	Reference
Step 1	Genesys Engage Configuration	<a href="#">Section 5.2</a>
Step 2	Ribbon SBC SWe Configuration	<a href="#">Section 5.3</a>
Step 3	Amazon Chime Voice Connector Configuration	<a href="#">Amazon Chime Voice Connector</a>
Step 4	Amazon Chime Kinesis Configuration	<a href="#">Amazon Chime Kinesis Configuration</a>
Step 5	Amazon Chime SDK Call Analytics configuration	<a href="#">Amazon Chime SDK Call Analytics configuration</a>

## 5.2 Genesys Engage configuration

### 5.2.1 Login to Genesys Administrator Extension (GAX)

- Open an instance of a web browser and connect to GAX
- Log in using an appropriate user ID and password

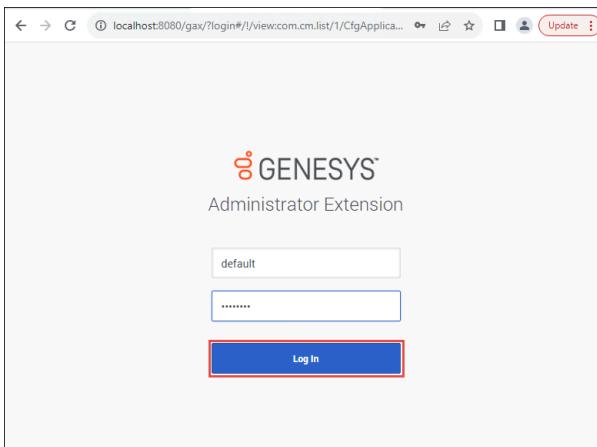


Figure 5: Genesys GAX Login

### 5.2.2 SIP Trunk

This SIP trunk is created towards Ribbon SBC - LAN interface

- In GAX, navigate to the location **Configuration > Switching > DNs > GE9USswitch > DNs > Trunks**
- Click on **New** and create the trunk DN like below

A screenshot of the 'ribon\_sbc Properties' screen in GAX. The top navigation bar includes 'GAX', 'System Dashboard', 'Configuration' (which is highlighted in red), 'Routing Parameters', 'Administration', and 'Centralized Logs'. The main area shows a 'General' tab selected. Under 'General', there are fields for 'Number' (set to 'ribbon\_abc') and 'Type' (set to 'Trunk'). Other fields include 'Switch' (set to 'GE9USswitch'), 'Association' (set to 'Register True'), 'Alias' (set to 'ribbon\_trunk'), and 'Route Type' (set to 'Default'). There are also sections for 'DN Group', 'Override', 'Login ID', 'Switch-specific Type', 'Number Of Trunks', 'Tenant', and checkboxes for 'Use Override' and 'State Enabled'. At the bottom right are 'Cancel', 'Apply', and 'Save' buttons.

Figure 6 : SIP Trunk Config

- In the **Options** tab, Add the below mentioned fields with appropriate values
  - **TServer\contact** : 10.80.xx.xx:5060;transport=udp
  - **TServer\dial-plan** : DP

- **TServer\prefix** : 92
- **TServer\replace-prefix** :
- **TServer\sip-hold-rfc3264** :true
- **TServer\refer-enabled**: false

Name	Section	Key	Value
TServer	contact		10.80.1.10:5060 transport=udp
TServer	dial-plan		DP
TServer	prefix		92
TServer	replace-prefix		
TServer	sip-hold-rfc3264		true
TServer	refer-enabled		false

Figure 7 : SIP Trunk Config Cont.

- Set the values in the **Permissions** and **Dependencies** tab as per the requirement of the environment

### 5.2.3 Dial Plan

This Dial Plan is created to invoke the Routing Point

- In GAX, navigate to the location **Configuration > Switching > DNs > GE9USSwitch > DNs > VoIP Services**
- Click on **New** and create the Voice over IP Service DN like below

Figure 8 : Dial plan Config

- In the **Options** tab, Add the below mentioned fields with appropriate values
  - **TServer\service-type** : dial-plan
  - **TServer\dial-plan-rule-2**: 0092=>30001 [Enter a last four digit of inbound DID and associate it with the Routing Point]

Name	Section	Key	Value
TServer\service-type	TServer	service-type	dial-plan
TServer\dial-plan-rule-2	TServer	dial-plan-rule-2	0092=>30001

Figure 9: Dial planConfig Cont.

#### 5.2.4 Routing Point

This route point is created to route all inbound calls to follow the configured routing strategy

- In GAX, navigate to the location **Configuration > Switching > DNs > GE9USswitch > DNs > Route Points**
- Click on **New** and create the route point DN like below

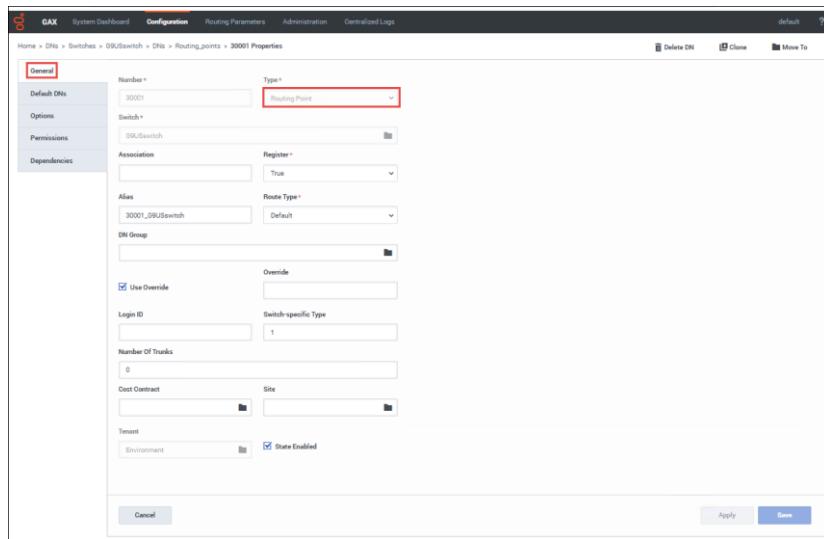


Figure 10: Routing point Config

#### 5.2.5 Routing Strategy script

This Routing Strategy is created to send the inbound call to the Agent group

- In IRD, navigate to **Routing Design > Strategies** > Right Click on **Scripts**
- Select **New** and create a script as shown below

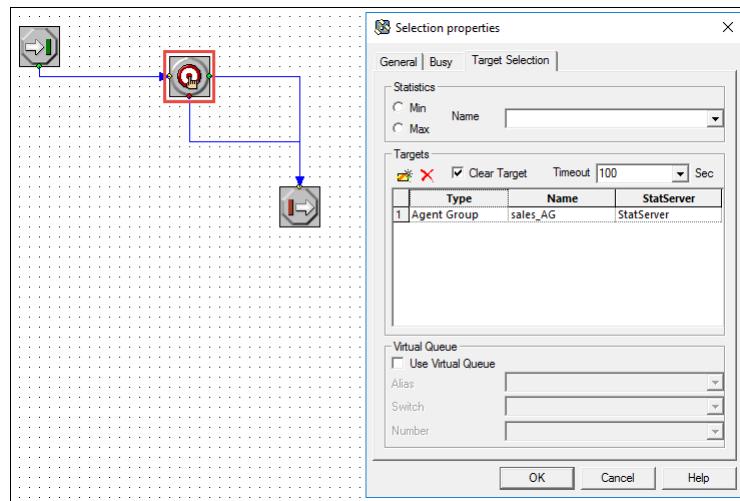


Figure 11 : Routing Strategy

**Routing Strategy** is loaded as defined below,

- Open **IRD** and navigate to **Monitoring > Loading** >
- Right Click on the **Route Point**, select the **Load Strategy** and choose the Routing Strategy created above

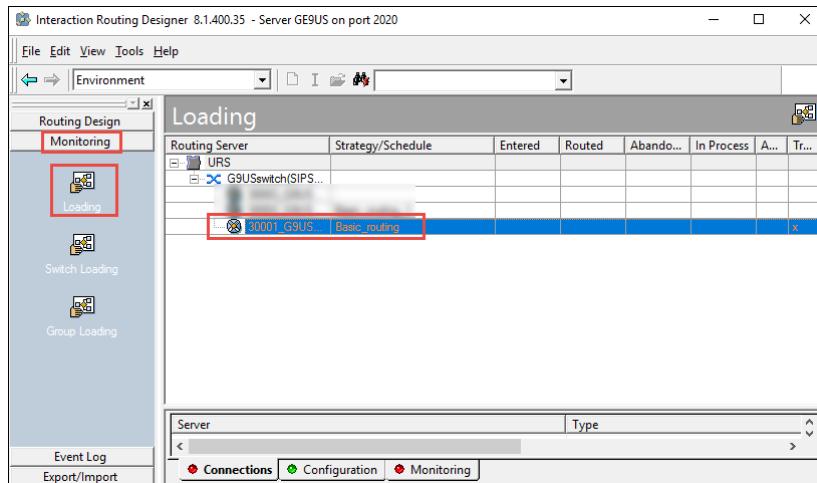


Figure 12 : Loading Routing Strategy

## 5.3 Ribbon SBC SWe Configuration

This section provides a general overview of the configuration along with SIPREC based configuration with Amazon Chime SDK Voice Connector that needs to be performed in Ribbon SBC SWe

### 5.3.1 Login to Ribbon SBC SWe

- Log into Ribbon SBC 5210 in putty SSH through its Management IP Address
- Enter the “Admin” Username and Password
- To enter configuration mode, enter “configure”
- Configuration is performed in Sonus SBC using the commands listed in the various section below,

```

Using username "admin".
#####
#
This system is restricted to authorized users only.
Unauthorized access or access attempts to this system
or services are prohibited. All user activity is logged.
Evidence of unauthorized use collected during monitoring
may be provided to appropriate personnel for
administrative, criminal or other adverse action.
#
#####
admin connected from 172.16.31.153 using ssh on ribboncore
Your last successful login was at 2023-9-11 6:29:42
Your last successful login was from 172.16.31.153
admin@ribboncore> swinfo -v
=====
SERVER:          ribboncore
OS:             V11.01.00-R000
EMA:            V11.01.00-R000
SBC:            V11.01.00-R000
SBC Type:       isbc
HA mode:        itol
=====
Installed host role: active
Current host role: active
=====
Build Workspace: jenkinsbuild.tx.sbx1101x
Stream: //sbx/v11_01_0x
Change: 516625
CTP Change: 516301
Build Number: 54
Build Time: Wed Dec 7 01:54:28 CST 2022
Build Host: builddev2-tx
SBC Version: V11.01.00-R000
Required BMC Version: v03.25.00-R000
Required BIOS Version: v2.7.0
Required OS Version: 11.01.00-R000
Required Bluefin BMC Version: v03.25.00-R000
Required Bluefin BIOS Version: v2.14.0
Required Yellowfin BMC Version: v03.25.00-R000
Required Yellowfin BIOS Version: v1.18.0
=====
[ok] [2023-09-11 06:38:39]

```

Figure 13: Ribbon SBC Login

### 5.3.2 Interface Group

#### Ribbon LAN:

```

set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 ceName RIBBONCORE
set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 portName pkt0
set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 ipAddress 10.80.xx.xx
set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 prefix 24
set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 mode inService
set addressContext default ipInterfaceGroup LIF1 ipInterface PKT0_V4 state enabled
commit

```

#### Ribbon WAN:

```

set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 ceName RIBBONCORE
set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 portName pkt1
set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 ipAddress 10.80.yy.yy
set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 prefix 24
set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 mode inService
set addressContext default ipInterfaceGroup LIF2 ipInterface PKT1_V4 state enabled
commit

```

### 5.3.3 DNS Group

```

set addressContext default dnsGroup EXT_DNS type ip
set addressContext default dnsGroup EXT_DNS transport udp
set addressContext default dnsGroup EXT_DNS interface LIF1
set addressContext default dnsGroup EXT_DNS server DNS state enabled
set addressContext default dnsGroup EXT_DNS server DNS ipAddress 8.8.8.8
set addressContext default dnsGroup EXT_DNS server DNS transportProtocol udp
commit

```

### 5.3.4 Zone

#### **Genesys Engage:**

```
set addressContext default zone GENESYS id 2  
commit
```

#### **PSTN Gateway:**

```
set addressContext default zone PSTN id 4  
commit
```

#### **Amazon Chime SDK Voice Connector:**

```
set addressContext default zone AWS id 3  
commit
```

### 5.3.5 Sip Signaling port

#### **Genesys Engage:**

```
set addressContext default zone GENESYS sipSigPort 1 ipInterfaceGroupName LIF1  
set addressContext default zone GENESYS sipSigPort 1 ipAddressV4 10.80.xx.xx  
set addressContext default zone GENESYS sipSigPort 1 portNumber 5060  
set addressContext default zone GENESYS sipSigPort 1 mode inService  
set addressContext default zone GENESYS sipSigPort 1 state enabled  
set addressContext default zone GENESYS sipSigPort 1 transportProtocolsAllowed sip-udp  
commit
```

#### **PSTN Gateway:**

```
set addressContext default zone PSTN sipSigPort 2 ipInterfaceGroupName LIF2  
set addressContext default zone PSTN sipSigPort 2 ipAddressV4 10.80.yy.yy  
set addressContext default zone PSTN sipSigPort 2 portNumber 5060  
set addressContext default zone PSTN sipSigPort 2 mode inService  
set addressContext default zone PSTN sipSigPort 2 state enabled  
set addressContext default zone PSTN sipSigPort 2 transportProtocolsAllowed sip-tcp  
commit
```

#### **Amazon Chime SDK Voice Connector:**

```
set addressContext default zone AWS sipSigPort 3 ipInterfaceGroupName LIF1  
set addressContext default zone AWS sipSigPort 3 ipAddressV4 10.80.xx.xx  
set addressContext default zone AWS sipSigPort 3 portNumber 5062  
set addressContext default zone AWS sipSigPort 3 mode inService  
set addressContext default zone AWS sipSigPort 3 state enabled  
set addressContext default zone AWS sipSigPort 3 siprec enabled  
set addressContext default zone AWS sipSigPort 3 tlsProfileName AWS_PROF  
set addressContext default zone AWS sipSigPort 3 transportProtocolsAllowed sip-tls-tcp  
commit
```

### 5.3.6 SIP Trunk

#### Genesys Engage:

```
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG state enabled
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG mode inService
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy carrier 0000
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy country 1
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
localizationVariant northAmerica
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
tgIPVersionPreference both-ipv4-and-ipv6
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
preferredIdentity disable
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
digitParameterHandling numberingPlan NANP_ACCESS
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
digitParameterHandling ingressDmPmRule Rule_Digit_to_Ext
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy callRouting
elementRoutingPriority DEFAULT_IP
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy media
packetServiceProfile DEFAULT
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy services
classOfService DEFAULT_IP
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy signaling
ipSignalingProfile GENESYS_IPSP
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
featureControlProfile DEFAULT_IP
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForSip enable
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForH323 disable
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy ingress flags
hdPreferredRouting disable
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy ingress flags
hdSupportedRouting disable
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG signaling
messageManipulation outputAdapterProfile removephonecontext
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG signaling
transportPreference preference1 udp
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG media
mediaIpInterfaceGroupName LIF1
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG ingressIpPrefix
0.0.0.0 0
set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG ingressIpPrefix
10.80.xy.xy 32
commit
```

#### PSTN Gateway:

```
set addressContext default zone PSTN sipTrunkGroup PSTN_TG state enabled
set addressContext default zone PSTN sipTrunkGroup PSTN_TG mode inService
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy carrier 0000
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy country 1
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy localizationVariant
northAmerica
```

```

set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy tgIPVersionPreference
both-ipv4-and-ipv6
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy preferredIdentity disable
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy digitParameterHandling
numberingPlan NANP_ACCESS
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy digitParameterHandling
ingressDmPmRule Rule_Digit_to_Ext
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy callRouting
elementRoutingPriority DEFAULT_IP
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy media
packetServiceProfile DEFAULT
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy services classOfService
DEFAULT_IP
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy signaling
ipSignalingProfile PSTN_IPSP
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy featureControlProfile
DEFAULT_IP
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForSip enable
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForH323 disable
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy ingress flags
hdPreferredRouting disable
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy ingress flags
hdSupportedRouting disable
set addressContext default zone PSTN sipTrunkGroup PSTN_TG signaling messageManipulation
inputAdapterProfile Digitmanip
set addressContext default zone PSTN sipTrunkGroup PSTN_TG signaling messageManipulation
outputAdapterProfile ext
set addressContext default zone PSTN sipTrunkGroup PSTN_TG signaling transportPreference
preference1 tcp
set addressContext default zone PSTN sipTrunkGroup PSTN_TG media
mediaIpInterfaceGroupName LIF2
set addressContext default zone PSTN sipTrunkGroup PSTN_TG ingressIpPrefix 10.64.zz.zz 32
commit

```

### **Amazon Chime SDK Voice Connector:**

```

set addressContext default zone AWS sipTrunkGroup AWS_TG state enabled
set addressContext default zone AWS sipTrunkGroup AWS_TG mode inService
set addressContext default zone AWS sipTrunkGroup AWS_TG policy carrier 0000
set addressContext default zone AWS sipTrunkGroup AWS_TG policy country 1
set addressContext default zone AWS sipTrunkGroup AWS_TG policy localizationVariant
northAmerica
set addressContext default zone AWS sipTrunkGroup AWS_TG policy tgIPVersionPreference
both-ipv4-and-ipv6
set addressContext default zone AWS sipTrunkGroup AWS_TG policy preferredIdentity disable
set addressContext default zone AWS sipTrunkGroup AWS_TG policy digitParameterHandling
numberingPlan NANP_ACCESS
set addressContext default zone AWS sipTrunkGroup AWS_TG policy callRouting
elementRoutingPriority DEFAULT_IP
set addressContext default zone AWS sipTrunkGroup AWS_TG policy media
packetServiceProfile AWS_PSP
set addressContext default zone AWS sipTrunkGroup AWS_TG policy services classOfService
DEFAULT_IP

```

```

set addressContext default zone AWS sipTrunkGroup AWS_TG policy signaling
ipSignalingProfile AWS_IPSP
set addressContext default zone AWS sipTrunkGroup AWS_TG policy featureControlProfile
DEFAULT_IP
set addressContext default zone AWS sipTrunkGroup AWS_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForSip enable
set addressContext default zone AWS sipTrunkGroup AWS_TG policy ingress flags
nonZeroVideoBandwidthBasedRoutingForH323 disable
set addressContext default zone AWS sipTrunkGroup AWS_TG policy ingress flags
hdPreferredRouting disable
set addressContext default zone AWS sipTrunkGroup AWS_TG policy ingress flags
hdSupportedRouting disable
set addressContext default zone AWS sipTrunkGroup AWS_TG signaling messageManipulation
outputAdapterProfile AWS_Req_URI
set addressContext default zone AWS sipTrunkGroup AWS_TG signaling transportPreference
preference1 tls-tcp
set addressContext default zone AWS sipTrunkGroup AWS_TG media
mediaIpInterfaceGroupName LIF1
set addressContext default zone AWS sipTrunkGroup AWS_TG ingressIpPrefix 0.0.0.0 0
commit

```

### 5.3.7 IP Peer

#### **Genesys Engage:**

```

set addressContext default zone GENESYS ipPeer GENESYS_IPP ipAddress 10.80.xy.xy
set addressContext default zone GENESYS ipPeer GENESYS_IPP ipPort 5060
set addressContext default zone GENESYS ipPeer GENESYS_IPP policy description
"GENESYS PEER"
set addressContext default zone GENESYS ipPeer GENESYS_IPP policy sip fqdn ""
set addressContext default zone GENESYS ipPeer GENESYS_IPP policy sip fqdnPort 0
set addressContext default zone GENESYS ipPeer GENESYS_IPP pathCheck profile GENESYS
set addressContext default zone GENESYS ipPeer GENESYS_IPP pathCheck hostName GE9US
set addressContext default zone GENESYS ipPeer GENESYS_IPP pathCheck hostPort 5060
set addressContext default zone GENESYS ipPeer GENESYS_IPP pathCheck state enabled
set addressContext default zone GENESYS ipPeer GENESYS_IPP pathCheck
statusUpdateSupport enabled
commit

```

#### **PSTN Gateway:**

```

set addressContext default zone PSTN ipPeer PSTN_IPP ipAddress 10.64.zz.zz
set addressContext default zone PSTN ipPeer PSTN_IPP ipPort 5060
set addressContext default zone PSTN ipPeer PSTN_IPP policy description "PSTN PEER"
set addressContext default zone PSTN ipPeer PSTN_IPP policy sip fqdn ""
set addressContext default zone PSTN ipPeer PSTN_IPP policy sip fqdnPort 0
set addressContext default zone PSTN ipPeer PSTN_IPP pathCheck profile PSTN
set addressContext default zone PSTN ipPeer PSTN_IPP pathCheck hostName ""
set addressContext default zone PSTN ipPeer PSTN_IPP pathCheck hostPort 5060
set addressContext default zone PSTN ipPeer PSTN_IPP pathCheck state enabled
set addressContext default zone PSTN ipPeer PSTN_IPP pathCheck statusUpdateSupport enabled
commit

```

**Amazon Chime SDK Voice Connector:**

```
set addressContext default zone AWS ipPeer AWS_IPP ipPort 0
set addressContext default zone AWS ipPeer AWS_IPP policy description AWS_IPP
set addressContext default zone AWS ipPeer AWS_IPP policy sip fqdn
fa2xxxxxxxxxxxxxx1b2.voiceconnector.chime.aws
set addressContext default zone AWS ipPeer AWS_IPP policy sip fqdnPort 0
set addressContext default zone AWS ipPeer AWS_IPP pathCheck profile AWS
set addressContext default zone AWS ipPeer AWS_IPP pathCheck hostName
fa2xxxxxxxxxxxxxx1b2.voiceconnector.chime.aws
set addressContext default zone AWS ipPeer AWS_IPP pathCheck hostPort 0
set addressContext default zone AWS ipPeer AWS_IPP pathCheck state enabled
set addressContext default zone AWS ipPeer AWS_IPP pathCheck statusUpdateSupport enabled
set addressContext default zone AWS ipPeer AWS2_IPP ipPort 0
set addressContext default zone AWS ipPeer AWS2_IPP policy description AWS2_IPP
set addressContext default zone AWS ipPeer AWS2_IPP policy sip fqdn
dftyyyyyyyyyyyyyyyc8a.voiceconnector.chime.aws
set addressContext default zone AWS ipPeer AWS2_IPP policy sip fqdnPort 0
set addressContext default zone AWS ipPeer AWS2_IPP pathCheck profile AWS
set addressContext default zone AWS ipPeer AWS2_IPP pathCheck hostName
dftyyyyyyyyyyyyyyyc8a.voiceconnector.chime.aws
set addressContext default zone AWS ipPeer AWS2_IPP pathCheck hostPort 0
set addressContext default zone AWS ipPeer AWS2_IPP pathCheck state enabled
set addressContext default zone AWS ipPeer AWS2_IPP pathCheck statusUpdateSupport enabled
commit
```

### 5.3.8 PathCheck Profile

**Genesys Engage:**

```
set profiles services pathCheckProfile GENESYS protocol sipOptions
set profiles services pathCheckProfile GENESYS sendInterval 30
set profiles services pathCheckProfile GENESYS replyTimeoutCount 3
set profiles services pathCheckProfile GENESYS recoveryCount 3
set profiles services pathCheckProfile GENESYS transportPreference preference1 udp
commit
```

**PSTN Gateway:**

```
set profiles services pathCheckProfile PSTN protocol sipOptions
set profiles services pathCheckProfile PSTN sendInterval 30
set profiles services pathCheckProfile PSTN replyTimeoutCount 3
set profiles services pathCheckProfile PSTN recoveryCount 3
set profiles services pathCheckProfile PSTN transportPreference preference1 tcp
commit
```

**Amazon Chime SDK Voice Connector:**

```
set profiles services pathCheckProfile AWS protocol sipOptions
set profiles services pathCheckProfile AWS sendInterval 30
set profiles services pathCheckProfile AWS replyTimeoutCount 3
set profiles services pathCheckProfile AWS recoveryCount 10
set profiles services pathCheckProfile AWS failureResponseCodes [ all4xx all5xx ]
set profiles services pathCheckProfile AWS transportPreference preference1 tls-tcp
commit
```

### 5.3.9 Signaling Profile

#### Genesys Engage:

```
set profiles signaling ipSignalingProfile GENESYS_IPSP ipProtocolType sipOnly
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
addPathServiceRoute disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
addPChargingFuncAddr disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
callHoldInterworking disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
clearmodeForDataCalls disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
createPChargingVector disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
createPathHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
createServiceRouteHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
customizedSessionTimerBehavior disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
disableAlsoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
disableHostTranslation disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
disableMediaLockDown disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
disableReferToUriParameters disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
discardReceivedReasonHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
doNotIncludeSsAttributeInReInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
enableDefaultPUIProcedures disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
enableDialStringHandling disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
endToEndBye disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
endToEndReInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
endToEndUpdate disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
endToEndPrack disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
includeIpPortsInFromAndToHeaders disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
includeReasonHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
includeSsAttributeInInitialInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
includeTransportTypeInContactHeader enable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
insertPeerAddressAsTopRouteHeader disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
mapCauseLocation disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
mapSuspendResumeEventInPSvcInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
mapUuiInPSigInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
mimeCausePrecedeReasonHeaderCause disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
minimizeRelayingOfMediaChangesFromOtherCallLegAll disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
noContentDisposition disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
noPortNumber5060 disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
noUserInfoInContactHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
onlySelectedCodecInSessionRefresh disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
pCalledPartyIDSupport disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
pChgMsgInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
publishIPInHoldSDP disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags rejectRefer
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
replaceHostOnViaHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendRTCPBandwidthInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
reQueryPsxOnRegisterRefresh disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
validateAccessNwInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
restrictHistoryInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
routeUsingRecvdfqdn disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sdpOlineOnlyCompares disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendAllAllowedCodecsForLateMediaInviteOrReInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendDirectMediaInfoInSdpAttribute disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendPtimeInSdp disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sessionTimerRefreshUpdate disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
setAcceptHeaderToApplicationSdpOnly disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
setOlineDash disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
setSessionVersionZero disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
setSlineDash disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
skipPsxQueryForRefer disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
storePathHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
storeServiceRouteHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
terminalPortabilityInterworking disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendRtcpPortInSdp disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
storePChargingFuncAddr disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
storePChargingVector enable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
createPVisitedNetworkId disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
lockDownPreferredCodec disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendOnlyPreferredCodec disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
suppressMinSelIfNotReceived disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
usePsxRouteForRegisteredInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
fromHeaderAnonymisation disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
noServiceRouteHdrForEmergencyRegistration disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
insertPAccessNetworkInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
contactTransparencyForIsFocusMediaTag disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
supportSCSCFRestorationProcedures disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
insertUEFlowInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
acceptAlertInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
aiToPemInterworking disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
sendSBCSupportedCodecsForLateMediaReInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
selectCoreStreamForMultiStreamAudioOrImageCall disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
mapDpmToSendrecvForInitialDialog disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
suppressReferRelayFromOtherLeg disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes flags
supportCallInfoWithSipCause608Rfc8688 disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes callTransferFlags
handleIpAddressesNotPresentInNetworkSelectorTableNst routeViaTransferringIptg
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes callTransferFlags
forceReRouteViaPsxQuery disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes callTransferFlags
skipReRouteViaPsxQuery disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes
optionTagInRequireHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes
optionTagInSupportedHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes preconditions
State disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
dialogEventPackage disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
dtmfBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags info
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
message disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags notify
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags options
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
regEventPackage disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags refer
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
sonusMediaBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
statusCode3xx disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
statusCode4xx6xx disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
thirdPartyBodies disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
force503to500Relay disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags publish
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
updateWithoutSdp disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
conferenceEventPackage disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
reasonPhrase4xx6xx disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes relayFlags
referToHeaderRelay rejectReferIfnoMatchForcallId
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
acceptContactHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
alertInformationHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
authcodeHeaders disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
passCompleteContactHeader disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
contactHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
errorInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
fromHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
historyInfo disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
maxForwardsHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
mwiBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pAccessNetworkInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pCalledPartyID disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pChargingVectorHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pEarlyMedia disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pVisitedNetworkIDHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pathHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
pidfDiffBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
qsigBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
reasonHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
referredByHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
requestURI disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
routeHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
serviceRouteHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
sipBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
sipfragBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
toHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
toneBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
unknownBody disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
unknownHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
userToUserHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags
viaHeader disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
geolocation disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
geolocationRouting disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
geolocationError disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
acceptHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
callInfoHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
resourcePriorityOptionTag disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
simpleFilterBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
pidfBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
watcherInfoBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
rlmiBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
externalBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
warningHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
userAgentHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
serverHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
acceptLanguageHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes transparencyFlags  
resourceListBody disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes  
headerEncryptionFlags encryptPathHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes  
headerEncryptionFlags encryptServiceRouteHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes  
subscriptionPackageSupport supportRegEvent disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes  
subscriptionPackageSupport usePSXRouteForSBCInitiatedSubscribe disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP commonIpAttributes registrarRecovery  
registerToAlternateOnPrimaryDown disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
bgcfTargetSchemeTransparency disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
convertInactiveToSendrecv disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
disable2806Compliance disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
disableOptionalRegisterParameters disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
addLoopBackRouteHeader disable  
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags  
map181Or182MessageTo183 disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
map3xxContactUrlToRouteHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
mapContractorNumberInPSigInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
transitPAIFromUnregisteredPeer disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
suppressUnregister disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
ttclsupMapping disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
useCalledPartyInRequestUri disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
useColonInSdpMediaTypeParameter disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
validateIsubAddress disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
qosBasedRouting disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
ignoreSdpAfterOfferAnswerCompleted disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
includeEnumParameters disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes flags
monitorRtpOnEgressUpdate disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes bci
bciInterworkEncountered disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes bci bciIsdnAddess
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useSipDomainNameInFromField disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useSipDomainNameInRequestUri disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInContact disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useIpSignalingPeerDomainInRequestUri disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInPathHdr disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes domainName
useSipDomainInPAIHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes isub allowNsapIsub
disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes isub
allowUserSpecifiedIsub disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes isub
includeCalledPartyIsub disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes isub
includeCallingPartyIsub disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
numberPortabilityAttributes npdiOptions includeNpdiYes
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
numberPortabilityAttributes disableRn disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy transparency
disable
```

```
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy
privacyInformation pPreferredId
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy flags
includePrivacy enable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy flags
privacyRequiredByProxy disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy flags
msLyncPrivacySupport disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes privacy flags
includeEmbeddedPAIheaderInRedirectedInvite disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect mode
acceptRedirection
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect
contactHandling mergeReceivedContacts
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
skipCrankbackProfileAndAlwaysCrankback disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
forceRequeryForRedirection disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
relayUnusedContactParams disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
honorEmbeddedHeadersIn3xx disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
enhancedLocalRedirection disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes redirect flags
skipDTGLookupFor3xxContact disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding diversionHistoryInfoInterworking disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding dataMapping diversion
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding diversionHeaderTransparency disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding historyInformation includeHistoryInformation disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters includeChargeInformation includeNone
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters sipToHeaderMapping none
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters destinationTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters originatingTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters generateCallIdUsing doNotUseIngressCallId
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includeCic disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includeCpcInformation disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includeNpi disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includeOlip disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includePKAdn disable
```

```

set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includePstnParameters disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags includeQvalue disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags skipCSeqCheckInEarlyDialog disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags transparencyForDestinationTrunkGroupParameter disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes
sipHeadersAndParameters flags endToEndAck disable
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes transport type1 udp
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes transport type2 none
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes transport type3 none
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes transport type4 none
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes sipCauseMapping
internalToSipCauseMappingProfileName ""
set profiles signaling ipSignalingProfile GENESYS_IPSP egressIpAttributes sipCauseMapping
sipToInternalCauseMappingProfileName ""
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sip181Supported disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sip182Supported disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
mapCalledPartyCategoryInPSigInfoHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
noSdpIn180Supported disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
registrationExpiresinExpiresHeader disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
send183OnInitiatingDisconnectTreatment disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sendSdpIn200OkIf18xReliable disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sendSdpInSubsequent18x disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sendTLSConnectionFailureResponse disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
suppress183For3xxRedirectResponse disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
suppress183WithoutSdp disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags set-cut-
through-indication-in-OBCI disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes flags
sendUpdatedSDPIn200Ok disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes carrierInformation
generateTerminatingCa disable
set profiles signaling ipSignalingProfile GENESYS_IPSP ingressIpAttributes carrierInformation
generateTerminatingCic disable
set profiles signaling ipSignalingProfile GENESYS_IPSP trfParameters preferredMrbUri ""
set profiles signaling ipSignalingProfile GENESYS_IPSP trfParameters preferredTrfUri ""
commit

```

**PSTN Gateway:**

```
set profiles signaling ipSignalingProfile PSTN_IPSP ipProtocolType sipOnly
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
addPathServiceRoute disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
addPChargingFuncAddr disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
callHoldInterworking disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
clearmodeForDataCalls disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
createPChargingVector disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags createPathHeader
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
createServiceRouteHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
customizedSessionTimerBehavior disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
disableAlsoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
disableHostTranslation disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
disableMediaLockDown disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
disableReferToUriParameters disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
discardReceivedReasonHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
doNotIncludeSsAttributeInReInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
enableDefaultPUIProcedures disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
enableDialStringHandling disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags endToEndBye
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
endToEndReInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags endToEndUpdate
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags endToEndPrack
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
includeIpPortsInFromAndToHeaders disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
includeReasonHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
includeSsAttributeInInitialInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
includeTransportTypeInContactHeader enable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
insertPeerAddressAsTopRouteHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
mapCauseLocation disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
mapSuspendResumeEventInPSvcInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
mapUuiInPSigInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
mimeCausePrecedeReasonHeaderCause disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
minimizeRelayingOfMediaChangesFromOtherCallLegAll disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
noContentDisposition disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
noPortNumber5060 disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
noUserInfoInContactHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
onlySelectedCodecInSessionRefresh disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
pCalledPartyIDSupport disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags pChgMsgInfo
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
publishIPInHoldSDP disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags rejectRefer
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
replaceHostOnViaHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendRTCPBandwidthInfo disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
reQueryPsxOnRegisterRefresh disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
validateAccessNwInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
restrictHistoryInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
routeUsingRecvFqdn disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sdpOlineOnlyCompares disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendAllAllowedCodecsForLateMediaInviteOrReInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendDirectMediaInfoInSdpAttribute disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags sendPtimeInSdp
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sessionTimerRefreshUpdate disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
setAcceptHeaderToApplicationSdpOnly disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags setOlineDash
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
setSessionVersionZero disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags setSlineDash
disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
skipPsxQueryForRefer disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags storePathHeader
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
storeServiceRouteHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
terminalPortabilityInterworking disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendRtcpPortInSdp disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
storePChargingFuncAddr disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
storePChargingVector enable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
createPVisitedNetworkId disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
lockDownPreferredCodec disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendOnlyPreferredCodec disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
suppressMinSelIfNotReceived disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
usePsxRouteForRegisteredInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
fromHeaderAnonymisation disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
noServiceRouteHdrForEmergencyRegistration disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
insertPAccessNetworkInfo disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
contactTransparencyForIsFocusMediaTag disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
supportSCSCFRestorationProcedures disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
insertUEFlowInfo disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags acceptAlertInfo
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
aiToPemInterworking disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
sendSBCSupportedCodecsForLateMediaReInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
selectCoreStreamForMultiStreamAudioOrImageCall disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
mapDpmToSendrecvForInitialDialog disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
suppressReferRelayFromOtherLeg disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes flags
supportCallInfoWithSipCause608Rfc8688 disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes callTransferFlags
handleIpAddressesNotPresentInNetworkSelectorTableNst routeViaTransferringIptg
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes callTransferFlags
forceReRouteViaPsxQuery disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes callTransferFlags
skipReRouteViaPsxQuery disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes
optionTagInRequireHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes
optionTagInSupportedHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes preconditions State
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
dialogEventPackage disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags dtmfBody
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags info disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags message
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags notify
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags options
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags regEventPackage
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags refer disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
sonusMediaBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
statusCode3xx disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
statusCode4xx6xx disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
thirdPartyBodies disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
force503to500Relay disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags publish
disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
updateWithoutSdp disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
conferenceEventPackage disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
reasonPhrase4xx6xx disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes relayFlags
referToHeaderRelay rejectReferIfnoMatchForcallId
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
acceptContactHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
alertInformationHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
authcodeHeaders disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
passCompleteContactHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
contactHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
errorInfo disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
fromHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
historyInfo disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
maxForwardsHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
mwiBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pAccessNetworkInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pCalledPartyID disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pChargingVectorHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pEarlyMedia disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pVisitedNetworkIDHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pathHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
pidfDiffBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
qsigBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
reasonHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
referredByHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
requestURI disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
routeHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
serviceRouteHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
sipBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
sipfragBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
toHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
toneBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
unknownBody disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
unknownHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
userToUserHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
viaHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
geolocation disable
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags
geolocationRouting disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
geolocationError disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
acceptHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
callInfoHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
resourcePriorityOptionTag disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
simpleFilterBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
pidfBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
watcherInfoBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
rlmiBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
externalBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
warningHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
userAgentHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
serverHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
acceptLanguageHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes transparencyFlags  
resourceListBody disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes headerEncryptionFlags  
encryptPathHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes headerEncryptionFlags  
encryptServiceRouteHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes  
subscriptionPackageSupport supportRegEvent disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes  
subscriptionPackageSupport usePSXRouteForSBCInitiatedSubscribe disable  
set profiles signaling ipSignalingProfile PSTN_IPSP commonIpAttributes registrarRecovery  
registerToAlternateOnPrimaryDown disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
bgcfTargetSchemeTransparency disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
convertInactiveToSendrecv disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
disable2806Compliance disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
disableOptionalRegisterParameters disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
addLoopBackRouteHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
map181Or182MessageTo183 disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
map3xxContactUrlToRouteHeader disable  
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags  
mapContractorNumberInPSigInfoHeader disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags
transitPAIFromUnregisteredPeer disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags suppressUnregister
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags ttcIsupMapping
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags
useCalledPartyInRequestUri disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags
useColonInSdpMediaTypeParameter disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags validateIsubAddress
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags qosBasedRouting
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags ignoreSdpAfterOfferAnswerCompleted
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags
includeEnumParameters disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes flags
monitorRtpOnEgressUpdate disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes bci
bciInterworkEncountered disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes bci bciIsdnAddess disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useSipDomainNameInFromField disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useSipDomainNameInRequestUri disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInContact disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useIpSignalingPeerDomainInRequestUri disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInPathHdr disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes domainName
useSipDomainInPAIHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes isub allowNsapIsub
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes isub
allowUserSpecifiedIsub disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes isub
includeCalledPartyIsub disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes isub
includeCallingPartyIsub disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
numberPortabilityAttributes npdiOptions includeNpdiYes
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
numberPortabilityAttributes disableRn disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy transparency
disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy
privacyInformation pPreferredId
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy flags
includePrivacy enable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy flags
privacyRequiredByProxy disable
```

```
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy flags
msLyncPrivacySupport disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes privacy flags
includeEmbeddedPAIheaderInRedirectedInvite disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect mode
acceptRedirection
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect contactHandling
mergeReceivedContacts
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
skipCrankbackProfileAndAlwaysCrankback disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
forceRequeryForRedirection disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
relayUnusedContactParams disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
honorEmbeddedHeadersIn3xx disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
enhancedLocalRedirection disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes redirect flags
skipDTGLookupFor3xxContact disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding diversionHistoryInfoInterworking disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding dataMapping diversion
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding diversionHeaderTransparency disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters callForwarding historyInformation includeHistoryInformation disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters includeChargeInformation includeNone
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters sipToHeaderMapping none
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters destinationTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters originatingTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters generateCallIdUsing doNotUseIngressCallId
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includeCic disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includeCpcInformation disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includeNpi disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includeOlip disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includePKAdn disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includePstnParameters disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags includeQvalue disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags skipCSeqCheckInEarlyDialog disable
```

```

set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags transparencyForDestinationTrunkGroupParameter disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes
sipHeadersAndParameters flags endToEndAck disable
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes transport type1 tcp
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes transport type2 none
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes transport type3 none
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes transport type4 none
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes sipCauseMapping
internalToSipCauseMappingProfileName ""
set profiles signaling ipSignalingProfile PSTN_IPSP egressIpAttributes sipCauseMapping
sipToInternalCauseMappingProfileName ""
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags sip181Supported
disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags sip182Supported
disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
mapCalledPartyCategoryInPSigInfoHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
noSdpIn180Supported disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
registrationExpiresinExpiresHeader disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
send183OnInitiatingDisconnectTreatment disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
sendSdpIn200OkIf18xReliable disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
sendSdpInSubsequent18x disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
sendTLSConnectionFailureResponse disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
suppress183For3xxRedirectResponse disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
suppress183WithoutSdp disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags set-cut-through-
indication-in-OBCI disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes flags
sendUpdatedSDPIn200Ok disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes carrierInformation
generateTerminatingCa disable
set profiles signaling ipSignalingProfile PSTN_IPSP ingressIpAttributes carrierInformation
generateTerminatingCic disable
set profiles signaling ipSignalingProfile PSTN_IPSP trfParameters preferredMrbUri ""
set profiles signaling ipSignalingProfile PSTN_IPSP trfParameters preferredTrfUri ""
commit

```

### **Amazon Chime SDK Voice Connector:**

```

set profiles signaling ipSignalingProfile AWS_IPSP ipProtocolType sipOnly
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
addPathServiceRoute disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
addPChargingFuncAddr disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
callHoldInterworking disable

```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
clearmodeForDataCalls disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
createPChargingVector disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags createPathHeader
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
createServiceRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
customizedSessionTimerBehavior disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
disableAlsoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
disableHostTranslation disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
disableMediaLockDown disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
disableReferToUriParameters disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
discardReceivedReasonHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
doNotIncludeSsAttributeInReInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
enableDefaultPUIProcedures disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
enableDialStringHandling disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags endToEndBye
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
endToEndReInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags endToEndUpdate
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags endToEndPrack
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
includeIpPortsInFromAndToHeaders disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
includeReasonHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
includeSsAttributeInInitialInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
includeTransportTypeInContactHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
insertPeerAddressAsTopRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
mapCauseLocation disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
mapSuspendResumeEventInPSvcInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
mapUuiInPSigInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
mimeCausePrecedeReasonHeaderCause disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
minimizeRelayingOfMediaChangesFromOtherCallLegAll disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
noContentDisposition disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
noPortNumber5060 disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
noUserInfoInContactHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
onlySelectedCodecInSessionRefresh disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
pCalledPartyIDSupport disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags pChgMsgInfo
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
publishIPInHoldSDP disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags rejectRefer
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
replaceHostOnViaHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendRTCPBandwidthInfo disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
reQueryPsxOnRegisterRefresh disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
validateAccessNwInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
restrictHistoryInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
routeUsingRecvFqdn disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sdpOlineOnlyCompares disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendAllAllowedCodecsForLateMediaInviteOrReInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendDirectMediaInfoInSdpAttribute disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags sendPtimeInSdp
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sessionTimerRefreshUpdate disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
setAcceptHeaderToApplicationSdpOnly disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags setOlineDash
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
setSessionVersionZero disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags setSlineDash
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
skipPsxQueryForRefer disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags storePathHeader
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
storeServiceRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
terminalPortabilityInterworking disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendRtcpPortInSdp disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
storePChargingFuncAddr disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
storePChargingVector enable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
createPVisitedNetworkId disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
lockDownPreferredCodec disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendOnlyPreferredCodec disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
suppressMinSelIfNotReceived disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
usePsxRouteForRegisteredInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
fromHeaderAnonymisation disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
noServiceRouteHdrForEmergencyRegistration disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
insertPAccessNetworkInfo disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
contactTransparencyForIsFocusMediaTag disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
supportSCSCFRestorationProcedures disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags insertUEFlowInfo
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags acceptAlertInfo
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags aiToPemInterworking
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
sendSBCSupportedCodecsForLateMediaReInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
selectCoreStreamForMultiStreamAudioOrImageCall disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
mapDpmToSendrecvForInitialDialog disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
suppressReferRelayFromOtherLeg disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes flags
supportCallInfoWithSipCause608Rfc8688 disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes callTransferFlags
handleIpAddressesNotPresentInNetworkSelectorTableNst routeViaTransferringIptg
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes callTransferFlags
forceReRouteViaPsxQuery disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes callTransferFlags
skipReRouteViaPsxQuery disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes
optionTagInRequireHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes
optionTagInSupportedHeader suppressReplaceTag disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes preconditions State
disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
dialogEventPackage disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags dtmfBody
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags info disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags message
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags notify
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags options
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
regEventPackage disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags refer disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
sonusMediaBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
statusCode3xx disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
statusCode4xx6xx disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
thirdPartyBodies disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
force503to500Relay disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags publish
disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
updateWithoutSdp disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
conferenceEventPackage disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
reasonPhrase4xx6xx disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes relayFlags
referToHeaderRelay rejectReferIfnoMatchForcallId
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
acceptContactHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
alertInformationHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
authcodeHeaders disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
passCompleteContactHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
contactHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
errorInfo disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
fromHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
historyInfo disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
maxForwardsHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
mwiBody disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pAccessNetworkInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pCalledPartyID disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pChargingVectorHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pEarlyMedia disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pVisitedNetworkIDHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pathHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pidfDiffBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
qsigBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
reasonHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
referredByHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
requestURI disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
routeHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
serviceRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
sipBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
sipfragBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
toHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
toneBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
unknownBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
unknownHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
userToUserHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
viaHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
geolocation disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
geolocationRouting disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
geolocationError disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
acceptHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
callInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
resourcePriorityTag disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
simpleFilterBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
pidfBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
watcherInfoBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
rlmiBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
externalBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
warningHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
userAgentHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
serverHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
acceptLanguageHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes transparencyFlags
resourceListBody disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes headerEncryptionFlags
encryptPathHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes headerEncryptionFlags
encryptServiceRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes
subscriptionPackageSupport supportRegEvent disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes
subscriptionPackageSupport usePSXRouteForSBCInitiatedSubscribe disable
set profiles signaling ipSignalingProfile AWS_IPSP commonIpAttributes registrarRecovery
registerToAlternateOnPrimaryDown disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
bgcfTargetSchemeTransparency disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
convertInactiveToSendrecv disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
disable2806Compliance disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
disableOptionalRegisterParameters disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
addLoopBackRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
map181Or182MessageTo183 disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
map3xxContactUrlToRouteHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
mapContractorNumberInPSigInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
transitPAIFromUnregisteredPeer disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags suppressUnregister
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags ttcIsupMapping
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
useCalledPartyInRequestUri disable
```

```
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags
useColonInSdpMediaTypeParameter disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags validateIsubAddress
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags qosBasedRouting
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags ignoreSdpAfterOfferAnswerCompleted
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags includeEnumParameters
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes flags monitorRtpOnEgressUpdate
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes bci
bciInterworkEncountered disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes bci bcIsdnAddess disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useSipDomainNameInFromField disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useSipDomainNameInRequestUri disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInContact disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useIpSignalingPeerDomainInRequestUri disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useZoneLevelDomainNameInPathHdr disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes domainName
useSipDomainInPAIHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes isub allowNsapIsub
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes isub
allowUserSpecifiedIsub disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes isub
includeCalledPartyIsub disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes isub
includeCallingPartyIsub disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes numberPortabilityAttributes
numberPortabilityAttributes npdiOptions includeNpdi
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes numberPortabilityAttributes
numberPortabilityAttributes disableRn disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy transparency
disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy
privacyInformation pPreferredId
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy flags
includePrivacy enable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy flags
privacyRequiredByProxy disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy flags
msLyncPrivacySupport disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes privacy flags
includeEmbeddedPAIheaderInRedirectedInvite disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect mode
acceptRedirection
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect contactHandling
mergeReceivedContacts
```

```
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
skipCrankbackProfileAndAlwaysCrankback disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
forceRequeryForRedirection disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
relayUnusedContactParams disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
honorEmbeddedHeadersIn3xx disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
enhancedLocalRedirection disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes redirect flags
skipDTGLookupFor3xxContact disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
callForwarding diversionHistoryInfoInterworking disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
callForwarding dataMapping diversion
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
callForwarding diversionHeaderTransparency disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
callForwarding historyInformation includeHistoryInformation disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
includeChargeInformation includeNone
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
sipToHeaderMapping none
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
destinationTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
originatingTrunkGroupOptions includeNone
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
generateCallIdUsing doNotUseIngressCallId
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includeCic disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includeCpcInformation disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includeNpi disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includeOlip disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includePKAdn disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includePstnParameters disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags includeQvalue disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags skipCSeqCheckInEarlyDialog disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags transparencyForDestinationTrunkGroupParameter enable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipHeadersAndParameters
flags endToEndAck disable
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes transport type1
tlsOverTcp
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes transport type2 none
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes transport type3 none
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes transport type4 none
```

```

set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipCauseMapping
internalToSipCauseMappingProfileName ""
set profiles signaling ipSignalingProfile AWS_IPSP egressIpAttributes sipCauseMapping
sipToInternalCauseMappingProfileName ""
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags sip181Supported
disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags sip182Supported
disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
mapCalledPartyCategoryInPSigInfoHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
noSdpIn180Supported disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
registrationExpiresinExpiresHeader disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
send183OnInitiatingDisconnectTreatment disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
sendSdpIn200OkIf18xReliable disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
sendSdpInSubsequent18x disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
sendTLSConnectionFailureResponse disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
suppress183For3xxRedirectResponse disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
suppress183WithoutSdp disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags set-cut-through-
indication-in-OBCI disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes flags
sendUpdatedSDPIn200Ok disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes carrierInformation
generateTerminatingCa disable
set profiles signaling ipSignalingProfile AWS_IPSP ingressIpAttributes carrierInformation
generateTerminatingCic disable
set profiles signaling ipSignalingProfile AWS_IPSP trfParameters preferredMrbUri ""
set profiles signaling ipSignalingProfile AWS_IPSP trfParameters preferredTrfUri ""
commit

```

### 5.3.10 Packet Service Profile

#### **Genesys Engage and PSTN:**

```

set profiles media packetServiceProfile DEFAULT dataCalls preferredRtpDataPayloadType 56
set profiles media packetServiceProfile DEFAULT dataCalls initialPlayoutBufferDelay 50
set profiles media packetServiceProfile DEFAULT dataCalls packetSize 20
set profiles media packetServiceProfile DEFAULT silenceFactor 40
set profiles media packetServiceProfile DEFAULT typeOfService 0
set profiles media packetServiceProfile DEFAULT voiceInitialPlayoutBufferDelay 10
set profiles media packetServiceProfile DEFAULT rtcpOptions rtcp disable
set profiles media packetServiceProfile DEFAULT peerAbsenceAction none
set profiles media packetServiceProfile DEFAULT silenceInsertionDescriptor
g711SidRtpPayloadType 19
set profiles media packetServiceProfile DEFAULT silenceInsertionDescriptor heartbeat enable
set profiles media packetServiceProfile DEFAULT aal1PayloadSize 47
set profiles media packetServiceProfile DEFAULT codec codecEntry1 G711-DEFAULT

```

```
set profiles media packetServiceProfile DEFAULT packetToPacketControl transcode conditional
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec applyFaxToneTreatment disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec differentDtmfRelay disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec differentPacketSize disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec differentSilenceSuppression disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec honorOfferPreference disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec honorAnswerPreference disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
conditionsInAdditionToNoCommonCodec different2833PayloadType disable
set profiles media packetServiceProfile DEFAULT packetToPacketControl
codecsAllowedForTranscoding thisLeg ""
set profiles media packetServiceProfile DEFAULT packetToPacketControl
codecsAllowedForTranscoding otherLeg ""
set profiles media packetServiceProfile DEFAULT flags disallowDataCalls disable
set profiles media packetServiceProfile DEFAULT flags digitDetectSendEnabled disable
set profiles media packetServiceProfile DEFAULT flags useDirectMedia disable
set profiles media packetServiceProfile DEFAULT flags validatePeerSupportForDtmfEvents
disable
set profiles media packetServiceProfile DEFAULT flags interworkDtmfWithoutTranscoding
disable
set profiles media packetServiceProfile DEFAULT flags dscpPassthrough disable
set profiles media packetServiceProfile DEFAULT flags ssrcRandomize disable
set profiles media packetServiceProfile DEFAULT flags HDCodecPreferred disable
set profiles media packetServiceProfile DEFAULT flags MatchOfferedCodecGroupIfNbOnly
disable
set profiles media packetServiceProfile DEFAULT flags forceRoutePSPOrder disable
set profiles media packetServiceProfile DEFAULT flags generateAndSignalSSRCAndCname
disable
set profiles media packetServiceProfile DEFAULT flags mediaLockDownForPassThrough
disable
set profiles media packetServiceProfile DEFAULT flags
reserveBwForPreferredAudioCommonCodec disable
set profiles media packetServiceProfile DEFAULT flags policeOnHeaviestAudioCodec disable
set profiles media packetServiceProfile DEFAULT flags t140Call disable
set profiles media packetServiceProfile DEFAULT flags
allowAudioTranscodeForMultiStreamCall disable
set profiles media packetServiceProfile DEFAULT flags vtpSupport disable
set profiles media packetServiceProfile DEFAULT flags ssrcRandomizeForSrtp disable
set profiles media packetServiceProfile DEFAULT t38 dataRateManagementType
type2TransferOfTcf
set profiles media packetServiceProfile DEFAULT t38 ecm ecmPreferred disable
set profiles media packetServiceProfile DEFAULT t38 lowSpeedNumberOfRedundantPackets 1
set profiles media packetServiceProfile DEFAULT t38 maxBitRate 14.4Kbits_s
set profiles media packetServiceProfile DEFAULT t38 numberOfRedundantPackets 1
set profiles media packetServiceProfile DEFAULT t38 protocolVersion 0
set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags allowFallback disable
set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags enableSrtp disable
set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags resetROConKeyChange
disable
```

```

set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags
resetEncDecROConDecKeyChange disable
set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags
updateCryptoKeysOnModify disable
set profiles media packetServiceProfile DEFAULT secureRtpRtcp flags allowPassthru disable
set profiles media packetServiceProfile DEFAULT preferredRtpPayloadTypeForDtmfRelay 128
set profiles media packetServiceProfile DEFAULT videoCalls maxVideoBandwidth 0
set profiles media packetServiceProfile DEFAULT videoCalls videoBandwidthReductionFactor 0
set profiles media packetServiceProfile DEFAULT videoCalls ipv4Tos 0
set profiles media packetServiceProfile DEFAULT videoCalls ipv6TrafficClass 0
set profiles media packetServiceProfile DEFAULT videoCalls ieee8021QVLanCos 0
set profiles media packetServiceProfile DEFAULT videoCalls audioOnlyIfVideoIsPrevented
enable
set profiles media packetServiceProfile DEFAULT qosValues msrpDscp 0
set profiles media packetServiceProfile DEFAULT qosValues dtlsSctpDscp 0
set profiles media packetServiceProfile DEFAULT qosValues t140Dscp 0
set profiles media packetServiceProfile DEFAULT qosValues applicationDscp 0
set profiles media packetServiceProfile DEFAULT nonRtpStream maxNonRtpBandwidth 0
set profiles media packetServiceProfile DEFAULT audioTransparency unknownCodecPacketSize
10
set profiles media packetServiceProfile DEFAULT audioTransparency unknownCodecBitRate
124
set profiles media packetServiceProfile DEFAULT mediaPacketCos 0
set profiles media packetServiceProfile DEFAULT honorRemotePrecedence disable
set profiles media packetServiceProfile DEFAULT sendRoutePSPPrecedence disable
set profiles media packetServiceProfile DEFAULT dtls dtlsFlags allowDtlsFallback disable
set profiles media packetServiceProfile DEFAULT dtls dtlsFlags enableDtlsSrtp disable
set profiles media packetServiceProfile DEFAULT dtls dtlsFlags dtlsSctpRelay disable
commit

```

### **Amazon Chime SDK Voice Connector:**

```

set profiles media packetServiceProfile AWS_PSP dataCalls preferredRtpDataPayloadType 56
set profiles media packetServiceProfile AWS_PSP dataCalls initialPlayoutBufferDelay 50
set profiles media packetServiceProfile AWS_PSP dataCalls packetSize 20
set profiles media packetServiceProfile AWS_PSP silenceFactor 40
set profiles media packetServiceProfile AWS_PSP typeOfService 0
set profiles media packetServiceProfile AWS_PSP voiceInitialPlayoutBufferDelay 10
set profiles media packetServiceProfile AWS_PSP rtcpOptions rtcp disable
set profiles media packetServiceProfile AWS_PSP peerAbsenceAction none
set profiles media packetServiceProfile AWS_PSP silenceInsertionDescriptor
g711SidRtpPayloadType 13
set profiles media packetServiceProfile AWS_PSP silenceInsertionDescriptor heartbeat enable
set profiles media packetServiceProfile AWS_PSP aal1PayloadSize 47
set profiles media packetServiceProfile AWS_PSP codec codecEntry1 G711-DEFAULT
set profiles media packetServiceProfile AWS_PSP packetToPacketControl transcode conditional
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec applyFaxToneTreatment disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec differentDtmfRelay disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec differentPacketSize disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec differentSilenceSuppression disable

```

```
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec honorOfferPreference disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec honorAnswerPreference disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
conditionsInAdditionToNoCommonCodec different2833PayloadType disable
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
codecsAllowedForTranscoding thisLeg ""
set profiles media packetServiceProfile AWS_PSP packetToPacketControl
codecsAllowedForTranscoding otherLeg ""
set profiles media packetServiceProfile AWS_PSP flags disallowDataCalls disable
set profiles media packetServiceProfile AWS_PSP flags digitDetectSendEnabled disable
set profiles media packetServiceProfile AWS_PSP flags useDirectMedia disable
set profiles media packetServiceProfile AWS_PSP flags validatePeerSupportForDtmfEvents
disable
set profiles media packetServiceProfile AWS_PSP flags interworkDtmfWithoutTranscoding
disable
set profiles media packetServiceProfile AWS_PSP flags dscpPassthrough disable
set profiles media packetServiceProfile AWS_PSP flags ssrcRandomize disable
set profiles media packetServiceProfile AWS_PSP flags HDCodecPreferred disable
set profiles media packetServiceProfile AWS_PSP flags MatchOfferedCodecGroupIfNbOnly
disable
set profiles media packetServiceProfile AWS_PSP flags forceRoutePSPOrder disable
set profiles media packetServiceProfile AWS_PSP flags generateAndSignalSSRCAndCname
disable
set profiles media packetServiceProfile AWS_PSP flags mediaLockDownForPassThrough
disable
set profiles media packetServiceProfile AWS_PSP flags
reserveBwForPreferredAudioCommonCodec disable
set profiles media packetServiceProfile AWS_PSP flags policeOnHeaviestAudioCodec disable
set profiles media packetServiceProfile AWS_PSP flags t140Call disable
set profiles media packetServiceProfile AWS_PSP flags
allowAudioTranscodeForMultiStreamCall disable
set profiles media packetServiceProfile AWS_PSP flags vtpSupport disable
set profiles media packetServiceProfile AWS_PSP flags ssrcRandomizeForSrtp disable
set profiles media packetServiceProfile AWS_PSP t38 dataRateManagementType
type2TransferOfTcf
set profiles media packetServiceProfile AWS_PSP t38 ecm ecmPreferred disable
set profiles media packetServiceProfile AWS_PSP t38 lowSpeedNumberOfRedundantPackets 1
set profiles media packetServiceProfile AWS_PSP t38 maxBitRate 14.4Kbits_s
set profiles media packetServiceProfile AWS_PSP t38 numberOfRedundantPackets 1
set profiles media packetServiceProfile AWS_PSP t38 protocolVersion 0
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags allowFallback disable
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags enableSrtp disable
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags resetROConKeyChange
disable
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags
resetEncDecROConDecKeyChange disable
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags
updateCryptoKeysOnModify disable
set profiles media packetServiceProfile AWS_PSP secureRtpRtcp flags allowPassthru disable
set profiles media packetServiceProfile AWS_PSP preferredRtpPayloadTypeForDtmfRelay 101
set profiles media packetServiceProfile AWS_PSP videoCalls maxVideoBandwidth 0
set profiles media packetServiceProfile AWS_PSP videoCalls videoBandwidthReductionFactor 0
set profiles media packetServiceProfile AWS_PSP videoCalls ipv4Tos 0
```

```

set profiles media packetServiceProfile AWS_PSP videoCalls ipv6TrafficClass 0
set profiles media packetServiceProfile AWS_PSP videoCalls ieee8021QVLanCos 0
set profiles media packetServiceProfile AWS_PSP videoCalls audioOnlyIfVideoIsPrevented
enable
set profiles media packetServiceProfile AWS_PSP qosValues msrpDscp 0
set profiles media packetServiceProfile AWS_PSP qosValues dtlsSctpDscp 0
set profiles media packetServiceProfile AWS_PSP qosValues t140Dscp 0
set profiles media packetServiceProfile AWS_PSP qosValues applicationDscp 0
set profiles media packetServiceProfile AWS_PSP nonRtpStream maxNonRtpBandwidth 0
set profiles media packetServiceProfile AWS_PSP nonRtpStream nonRtpTlsProfileName
defaultTlsProfile
set profiles media packetServiceProfile AWS_PSP audioTransparency unknownCodecPacketSize
10
set profiles media packetServiceProfile AWS_PSP audioTransparency unknownCodecBitRate
124
set profiles media packetServiceProfile AWS_PSP mediaPacketCos 0
set profiles media packetServiceProfile AWS_PSP honorRemotePrecedence disable
set profiles media packetServiceProfile AWS_PSP sendRoutePSPPrecedence disable
set profiles media packetServiceProfile AWS_PSP dtls dtlsFlags allowDtlsFallback disable
set profiles media packetServiceProfile AWS_PSP dtls dtlsFlags enableDtlsSrtp disable
set profiles media packetServiceProfile AWS_PSP dtls dtlsFlags dtlsSctpRelay disable
commit

```

### 5.3.11 Routing Label

#### **Genesys Engage:**

```

set global callRouting routingLabel GENESYS_RL overflowNumber ""
set global callRouting routingLabel GENESYS_RL overflowNOA none
set global callRouting routingLabel GENESYS_RL overflowNPI none
set global callRouting routingLabel GENESYS_RL routePrioritizationType sequence
set global callRouting routingLabel GENESYS_RL action routes
set global callRouting routingLabel GENESYS_RL numRoutesPerCall 10
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 routeType trunkGroup
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 trunkGroup
GENESYS_TG
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 ipPeer GENESYS_IPP
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 proportion 0
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 cost 1000000
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 inService inService
set global callRouting routingLabel GENESYS_RL routingLabelRoute 1 testing normal
commit

```

#### **PSTN Gateway:**

```

set global callRouting routingLabel PSTN_RL overflowNumber ""
set global callRouting routingLabel PSTN_RL overflowNOA none
set global callRouting routingLabel PSTN_RL overflowNPI none
set global callRouting routingLabel PSTN_RL routePrioritizationType sequence
set global callRouting routingLabel PSTN_RL action routes
set global callRouting routingLabel PSTN_RL numRoutesPerCall 10
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 routeType trunkGroup
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 trunkGroup PSTN_TG
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 ipPeer PSTN_IPP
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 proportion 0
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 cost 1000000

```

```
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 inService inService  
set global callRouting routingLabel PSTN_RL routingLabelRoute 2 testing normal  
commit
```

### 5.3.12 Route

```
set global callRouting route trunkGroup GENESYS_TG CORESWE standard Sonus_NULL  
Sonus_NULL all all ALL none Sonus_NULL routingLabel PSTN_RL  
set global callRouting route trunkGroup PSTN_TG CORESWE standard Sonus_NULL  
Sonus_NULL all all ALL none Sonus_NULL routingLabel GENESYS_RL  
commit
```

### 5.3.13 Static Route

```
set addressContext default staticRoute 0.0.0.0 0 10.80.xx.1 LIF1 PKT0_V4 preference 100  
set addressContext default staticRoute 10.64.zz.zz 32 10.80.yy.1 LIF2 PKT1_V4 preference 100  
set addressContext default staticRoute 10.80.xy.xy 32 10.80.xx.1 LIF1 PKT0_V4  
commit
```

### 5.3.14 Digit Manipulations

Set 4-digit extensions for the phones connected at Genesys and translate them to 10 digits DID at Ribbon SBC 5210 using digit manipulation commands mentioned below:

*Note: Manipulations are subjective and may vary based on the Enterprise customers requirement*

#### 5.3.14.1 For Inbound calls from PSTN (Mandatory)

Criteria called "Digit\_to\_Ext" is created to manipulate the 10-digit extension to 4-digit in "To" header.

```
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext criteriaType digit  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitType calledNumber  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext parameterPresenceCheck exists  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria egressFlag value  
send  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria egressFlag operation  
ignore  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria digitMatch value  
startDigitPosition 0  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria digitMatch value  
numberOfDigits 6  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria digitMatch value  
matchValue 972598  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria digitMatch operation  
equals  
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria natureOfAddress  
value 950
```

```

set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria natureOfAddress
operation ignore
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria
numberingPlanIndicator value data
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria
numberingPlanIndicator operation ignore
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria numberLength value
0
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria numberLength
operation ignore
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria presentationMatch
value none
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria presentationMatch
operation ignore
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria screeningMatch
value none
set profiles digitParameterHandling dmPmCriteria Digit_to_Ext digitCriteria screeningMatch
operation ignore
commit

```

Below subRule is set to strip first 6 digits of the number in "To" header when applied to  
Digit\_to\_Ext criteria.

```

set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 criteria Digit_to_Ext
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 ruleType digit
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberType calledNumber
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation natureOfAddress none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation numberingPlanIndicator none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation numberLength noInput
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation presentation none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation screening none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
numberParameterManipulation includeInEgress none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation startDigitPosition 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation numberOfWorkingDigits 6
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation replacement type constant
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation replacement digitString calledNumber
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation replacement startDigitPosition 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation replacement numberOfWorkingDigits 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation replacement value ""

```

```
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 0 digitManipulation
digitStringManipulation action none
commit
```

### 5.3.14.2 For Outbound calls to PSTN (Mandatory)

Criteria called "EXT\_to\_DIGIT" is created to manipulate the 4-digit extension to 10-digit in "From" header.

```
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT criteriaType digit
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitType callingNumber
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT parameterPresenceCheck
exists
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria egressFlag value
send
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria egressFlag
operation ignore
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria digitMatch value
startDigitPosition 0
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria digitMatch value
numberOfDigits 3
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria digitMatch value
matchValue 009
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria digitMatch
operation equals
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria natureOfAddress
value 950
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria natureOfAddress
operation ignore
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria
numberingPlanIndicator value data
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria
numberingPlanIndicator operation ignore
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria numberLength
value 0
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria numberLength
operation ignore
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria presentationMatch
value none
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria presentationMatch
operation ignore
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria screeningMatch
value none
set profiles digitParameterHandling dmPmCriteria EXT_to_DIGIT digitCriteria screeningMatch
operation ignore
commit
```

Below subRule is set to add first 6 digits of the number in "From" header when applied to EXT\_to\_DIGIT criteria.

```
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 criteria
EXT_to_DIGIT
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 ruleType digit
```

```

set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberType callingNumber
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation natureOfAddress none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation numberingPlanIndicator none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation numberLength noInput
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation presentation none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation screening none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
numberParameterManipulation includeInEgress none
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation startDigitPosition 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation numberOfDigits 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation replacement type constant
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation replacement digitString callingNumber
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation replacement startDigitPosition 0
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation replacement numberOfDigits 10
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation replacement value 972598
set profiles digitParameterHandling dmPmRule Rule_Digit_to_Ext subRule 1 digitManipulation
digitStringManipulation action none
commit

```

Further, above rule is configured at Trunk Group level using below commands:

```

set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG policy
digitParameterHandling ingressDmPmRule Rule_Digit_to_Ext
set addressContext default zone PSTN sipTrunkGroup PSTN_TG policy digitParameterHandling
ingressDmPmRule Rule_Digit_to_Ext
commit

```

### 5.3.15 Message manipulation

#### 5.3.15.1 To modify Request URI header in requests sent to Amazon Chime SDK Voice Connector (Mandatory)

```

set profiles signaling sipAdaptorProfile AWS_Req_URI state enabled
set profiles signaling sipAdaptorProfile AWS_Req_URI advancedSMM enabled
set profiles signaling sipAdaptorProfile AWS_Req_URI profileType messageManipulation
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 1 type message
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 1 message
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 1 message messageTypes
request

```

```

set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 1 message methodTypes [ invite ]
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 2 type header
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 2 header
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 2 header name To
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 2 header condition exist
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 3 type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 3 token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 3 token condition exist
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 criterion 3 token tokenType
urihostname
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 operation store
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 from
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 from type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 from tokenValue
urihostname
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 to
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 to type variable
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 1 action 1 to variableValue var1
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 1 type message
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 1 message
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 1 message messageTypes
request
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 1 message methodTypes [ invite ]
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 2 type header
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 2 header
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 2 header name request-
line
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 2 header condition exist
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 3 type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 3 token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 3 token condition exist
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 3 token tokenType
urihostname
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 4 type variable
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 4 variable
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 4 variable condition exist
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 criterion 4 variable variableID var1
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 operation modify
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 from
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 from type variable
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 from variableValue var1
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 to
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 to type token
set profiles signaling sipAdaptorProfile AWS_Req_URI rule 3 action 1 to tokenValue urihostname
commit

```

Above sipAdaptorProfile is then mapped to AWS trunk using below command,

```

set addressContext default zone AWS sipTrunkGroup AWS_TG signaling messageManipulation
outputAdapterProfile AWS_Req_URI

```

commit

### 5.3.15.2 To strip first 6 digits in meta-data information (Mandatory)

```
set profiles signaling sipAdaptorProfile Digitmanip state enabled
set profiles signaling sipAdaptorProfile Digitmanip advancedSMM enabled
set profiles signaling sipAdaptorProfile Digitmanip rule 1 applyMatchHeader one
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 1 type message
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 1 message
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 1 message messageTypes
requestAll
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 2 type header
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 2 header
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 2 header name request-line
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 2 header condition exist
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 2 header hdrInstance all
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 3 type token
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 3 token
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 3 token condition exist
set profiles signaling sipAdaptorProfile Digitmanip rule 1 criterion 3 token tokenType uriusername
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 type token
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 operation regdel
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 to
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 to type token
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 to tokenValue uriusername
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 regexp
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 regexp string 972598
set profiles signaling sipAdaptorProfile Digitmanip rule 1 action 1 regexp matchInstance all
set profiles signaling sipAdaptorProfile Digitmanip rule 2 applyMatchHeader one
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 1 type message
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 1 message
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 1 message messageTypes
requestAll
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 2 type header
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 2 header
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 2 header name To
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 2 header condition exist
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 2 header hdrInstance all
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 3 type token
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 3 token
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 3 token condition exist
set profiles signaling sipAdaptorProfile Digitmanip rule 2 criterion 3 token tokenType uriusername
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 type token
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 operation regdel
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 to
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 to type token
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 to tokenValue uriusername
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 regexp
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 regexp string 972598
set profiles signaling sipAdaptorProfile Digitmanip rule 2 action 1 regexp matchInstance all
commit
```

Above sipAdaptorProfile is then mapped to PSTN trunk using below command,

```
set addressContext default zone PSTN sipTrunkGroup PSTN_TG signaling messageManipulation  
inputAdapterProfile Digitmanip  
commit
```

### 5.3.15.3 To modify To header to 10 digit format in response sent to PSTN

```
set profiles signaling sipAdaptorProfile ext state enabled  
set profiles signaling sipAdaptorProfile ext advancedSMM enabled  
set profiles signaling sipAdaptorProfile ext profileType messageManipulation  
set profiles signaling sipAdaptorProfile ext rule 1 applyMatchHeader one  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 1 type message  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 1 message  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 1 messageTypes responseAll  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 type header  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header name To  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header condition regex-match  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header hdrInstance all  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header regexp  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header regexp string 009*  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 2 header regexp numMatch match  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 3 type token  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 3 token  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 3 token condition exist  
set profiles signaling sipAdaptorProfile ext rule 1 criterion 3 token tokenType uriusername  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 type token  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 operation regprepend  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 from  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 from type value  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 from value 972598  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 to  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 to type token  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 to tokenValue uriusername  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 regexp  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 regexp string 009*  
set profiles signaling sipAdaptorProfile ext rule 1 action 1 regexp matchInstance all  
set profiles signaling sipAdaptorProfile ext rule 2 applyMatchHeader one  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 1 type message  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 1 message  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 1 messageTypes request  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 1 message methodTypes [ bye ]  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 type header  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header name From  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header condition regex-match  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header hdrInstance all  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header regexp  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header regexp string 009*  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 2 header regexp numMatch match  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 3 type token  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 3 token  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 3 token condition exist  
set profiles signaling sipAdaptorProfile ext rule 2 criterion 3 token tokenType uriusername  
set profiles signaling sipAdaptorProfile ext rule 2 action 1 type token
```

```

set profiles signaling sipAdaptorProfile ext rule 2 action 1 operation regprepend
set profiles signaling sipAdaptorProfile ext rule 2 action 1 from
set profiles signaling sipAdaptorProfile ext rule 2 action 1 from type value
set profiles signaling sipAdaptorProfile ext rule 2 action 1 from value 972598
set profiles signaling sipAdaptorProfile ext rule 2 action 1 to
set profiles signaling sipAdaptorProfile ext rule 2 action 1 to type token
set profiles signaling sipAdaptorProfile ext rule 2 action 1 to tokenValue uriusername
set profiles signaling sipAdaptorProfile ext rule 2 action 1 regexp
set profiles signaling sipAdaptorProfile ext rule 2 action 1 regexp string 009*
set profiles signaling sipAdaptorProfile ext rule 2 action 1 regexp matchInstance one
set profiles signaling sipAdaptorProfile ext rule 3 applyMatchHeader one
set profiles signaling sipAdaptorProfile ext rule 3 criterion 1 type message
set profiles signaling sipAdaptorProfile ext rule 3 criterion 1 message
set profiles signaling sipAdaptorProfile ext rule 3 criterion 1 message messageTypes responseAll
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 type header
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header name Contact
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header condition regex-match
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header hdrInstance all
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header regexp
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header regexp string 009*
set profiles signaling sipAdaptorProfile ext rule 3 criterion 2 header regexp numMatch match
set profiles signaling sipAdaptorProfile ext rule 3 criterion 3 type token
set profiles signaling sipAdaptorProfile ext rule 3 criterion 3 token
set profiles signaling sipAdaptorProfile ext rule 3 criterion 3 token condition exist
set profiles signaling sipAdaptorProfile ext rule 3 criterion 3 token tokenType uriusername
set profiles signaling sipAdaptorProfile ext rule 3 action 1 type token
set profiles signaling sipAdaptorProfile ext rule 3 action 1 operation regprepend
set profiles signaling sipAdaptorProfile ext rule 3 action 1 from
set profiles signaling sipAdaptorProfile ext rule 3 action 1 from type value
set profiles signaling sipAdaptorProfile ext rule 3 action 1 from value 972598
set profiles signaling sipAdaptorProfile ext rule 3 action 1 to
set profiles signaling sipAdaptorProfile ext rule 3 action 1 to type token
set profiles signaling sipAdaptorProfile ext rule 3 action 1 to tokenValue uriusername
set profiles signaling sipAdaptorProfile ext rule 3 action 1 regexp
set profiles signaling sipAdaptorProfile ext rule 3 action 1 regexp string 009*
set profiles signaling sipAdaptorProfile ext rule 3 action 1 regexp matchInstance all
commit

```

Above sipAdaptorProfile is then mapped to PSTN trunk using below command,

```

set addressContext default zone PSTN sipTrunkGroup PSTN_TG signaling messageManipulation
outputAdapterProfile ext
commit

```

#### **5.3.15.4 To remove phone-context parameter as Genesys doesn't accept request with this parameter (Mandatory)**

```

set profiles signaling sipAdaptorProfile removephonecontext state enabled
set profiles signaling sipAdaptorProfile removephonecontext advancedSMM enabled
set profiles signaling sipAdaptorProfile removephonecontext rule 1 applyMatchHeader all
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 1 type message
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 1 message

```

```

set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 1 message
messageTypes requestAll
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 2 type header
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 2 header
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 2 header name
request-line
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 2 header condition
exist
set profiles signaling sipAdaptorProfile removephonecontext rule 1 criterion 2 header hdrInstance
all
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 type parameter
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 operation delete
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 paramType userinfo
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 to
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 to type parameter
set profiles signaling sipAdaptorProfile removephonecontext rule 1 action 1 to value phone-
context
commit

```

Above sipAdaptorProfile is then mapped to Genesys trunk using below command,

```

set addressContext default zone GENESYS sipTrunkGroup GENESYS_TG signaling
messageManipulation outputAdapterProfile removephonecontext
commit

```

### **5.3.16 Cryptosuite Profile**

```

set profiles security cryptoSuiteProfile AWS_CPROF entry 1 cryptoSuite AES-CM-128-
HMAC-SHA1-80
set profiles security cryptoSuiteProfile AWS_CPROF entry 1 sessionParameterFlags
unencryptedSRTCP disable
set profiles security cryptoSuiteProfile AWS_CPROF entry 1 sessionParameterFlags
unencryptedSRTP disable
set profiles security cryptoSuiteProfile AWS_CPROF entry 1 sessionParameterFlags
unauthenticatedSRTP disable
commit

```

### **5.3.17 SRS Group Profile**

```

set global servers srsGroupProfile SRSGROUP description ""
set global servers srsGroupProfile SRSGROUP loadDistribution sequence
set global servers srsGroupProfile SRSGROUP numSimultaneousStream 1
set global servers srsGroupProfile SRSGROUP srsGroupData 0 transport tls
set global servers srsGroupProfile SRSGROUP srsGroupData 0 ipAddress ""
set global servers srsGroupProfile SRSGROUP srsGroupData 0 fqdn
fa2xxxxxxxxxxxxxx1b2.voiceconnector.chime.aws
set global servers srsGroupProfile SRSGROUP srsGroupData 0 fqdnPort 0
set global servers srsGroupProfile SRSGROUP srsGroupData 0 ipTGI AWS_TG
set global servers srsGroupProfile SRSGROUP srsGroupData 0 srtp enable
set global servers srsGroupProfile SRSGROUP srsGroupData 0 cryptoSuiteProfile AWS_CPROF
set global servers srsGroupProfile SRSGROUP srsGroupData 1 transport tls
set global servers srsGroupProfile SRSGROUP srsGroupData 1 ipAddress ""

```

```
set global servers srsGroupProfile SRSGROUP srsGroupData 1 fqdn  
dkpyyyyyyyyyyyyyyyyyybdh.voiceconnector.chime.aws  
set global servers srsGroupProfile SRSGROUP srsGroupData 1 fqdnPort 0  
set global servers srsGroupProfile SRSGROUP srsGroupData 1 ipTGIId AWS_TG  
set global servers srsGroupProfile SRSGROUP srsGroupData 1 srtp enable  
set global servers srsGroupProfile SRSGROUP srsGroupData 1 cryptoSuiteProfile AWS_CPROF  
commit
```

### 5.3.18 SRS Group Cluster

```
set global servers srsGroupCluster SRSGRP1 srsGroupClusterData 0 srsGroupId SRSGROUP  
commit
```

### 5.3.19 Call recording criteria

```
set global servers callRecordingCriteria AWS srsGroupClusterId SRSGRP1  
set global servers callRecordingCriteria AWS nextHopIP 0.0.0.0  
set global servers callRecordingCriteria AWS previousHopIP 0.0.0.0  
set global servers callRecordingCriteria AWS recordingType allLegs  
set global servers callRecordingCriteria AWS recorderType SIPRec  
set global servers callRecordingCriteria AWS criteriaState enable  
commit
```

### 5.3.20 Import Public CA Root Certificate

The uploaded Trust certificate was provided by Amazon and the certificate can be downloaded from the Amazon Chime SDK Voice Connector console.

- The downloaded certificate will be in .pem format that must be converted to .der format.
- Upload the file <filename.der> to Ribbon via GUI  
Go to Administration > System Administration > File Upload

First add a file to Queue, then upload the file

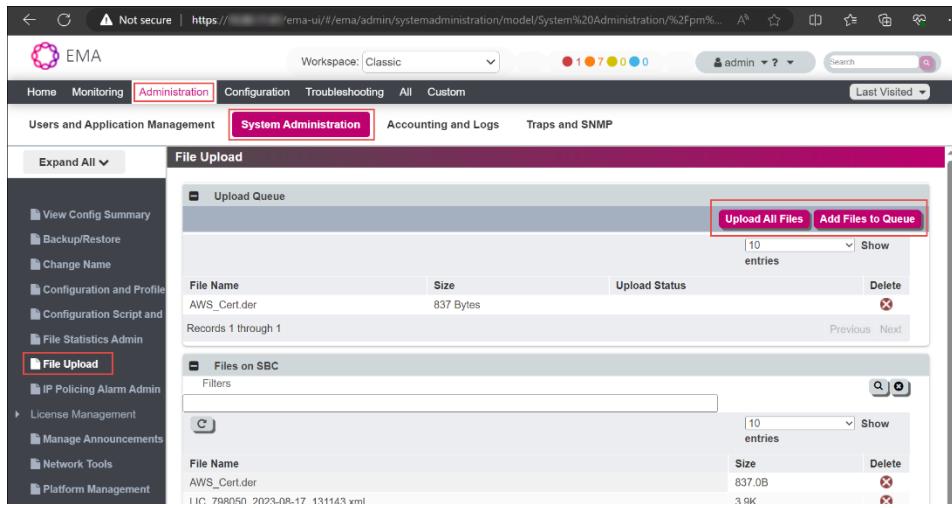


Figure 14 : File upload in Ribbon GUI

```
set system security pki certificate AWS_Cert state enabled
set system security pki certificate AWS_Cert fileName AWS_Cert.der
set system security pki certificate AWS_Cert type remote
commit
```

### 5.3.21 TLS Profile

```
set profiles security tlsProfile AWS_PROF appAuthTimer 5
set profiles security tlsProfile AWS_PROF handshakeTimer 5
set profiles security tlsProfile AWS_PROF sessionResumpTimer 3600
set profiles security tlsProfile AWS_PROF cipherSuite1 rsa-with-aes-128-cbc-sha
set profiles security tlsProfile AWS_PROF cipherSuite2 rsa-with-aes-128-cbc-sha-256
set profiles security tlsProfile AWS_PROF cipherSuite3 rsa-with-aes-256-cbc-sha-256
set profiles security tlsProfile AWS_PROF allowedRoles clientandserver
set profiles security tlsProfile AWS_PROF authClient false
set profiles security tlsProfile AWS_PROF clientCertName AWS_Cert
set profiles security tlsProfile AWS_PROF serverCertName AWS_Cert
set profiles security tlsProfile AWS_PROF acceptableCertValidationErrors none
set profiles security tlsProfile AWS_PROF v1_0 enabled
set profiles security tlsProfile AWS_PROF v1_1 enabled
set profiles security tlsProfile AWS_PROF v1_2 enabled
set profiles security tlsProfile AWS_PROF suppressEmptyFragments disabled
set profiles security tlsProfile AWS_PROF peerNameVerify disabled
set profiles security tlsProfile AWS_PROF hashType sha1
commit
```

Above tlsProfile is then mapped to AWS sipSigPort using below command,

```
set addressContext default zone AWS sipSigPort 3 tlsProfileName AWS_PROF
commit
```

### 5.3.22 SIPREC Resilience Configuration

#### 5.3.22.1 For Active-Active:

```
set global servers srsGroupProfile SRSGROUP numSimultaneousStream 2  
commit
```

#### 5.3.22.2 For Active-Passive:

```
set global servers srsGroupProfile SRSGROUP numSimultaneousStream 1  
set profiles services pathCheckProfile AWS sendInterval 30  
set profiles services pathCheckProfile AWS replyTimeoutCount 3  
set profiles services pathCheckProfile AWS recoveryCount 10  
set profiles services pathCheckProfile AWS failureResponseCodes [ all4xx all5xx ]  
commit
```

## 6 SIPREC call flow from Ribbon SBC (TLS)

### 6.1 Active-Active SIPREC call flow

SBC sends SIPREC SIP Invite to two separate Voice Connectors present in two different regions. The following are the SRSGROUP configuration for active active:

```
set global servers srsGroupProfile SRSGROUP numSimultaneousStream 2  
set global servers srsGroupProfile SRSGROUP srsGroupData 0 fqdn  
fa2xxxxxxxxxxxxxx1b2.voiceconnector.chime.aws  
set global servers srsGroupProfile SRSGROUP srsGroupData 1 fqdn  
dkpyyyyyyyyyyyyyybdh.voiceconnector.chime.aws
```



Figure 15 : SIPREC Resilience Active-Active call flow

## 6.2 Active-passive failover call flow

### 6.2.1 Active failed with 403

SBC considers the Active connectivity is up and sends INVITE directly to Active Voice Connector till the pathcheck timer ends. Once SBC receives an unsuccessful response from Active Voice connector, the new INVITE goes to Passive Voice Connector.

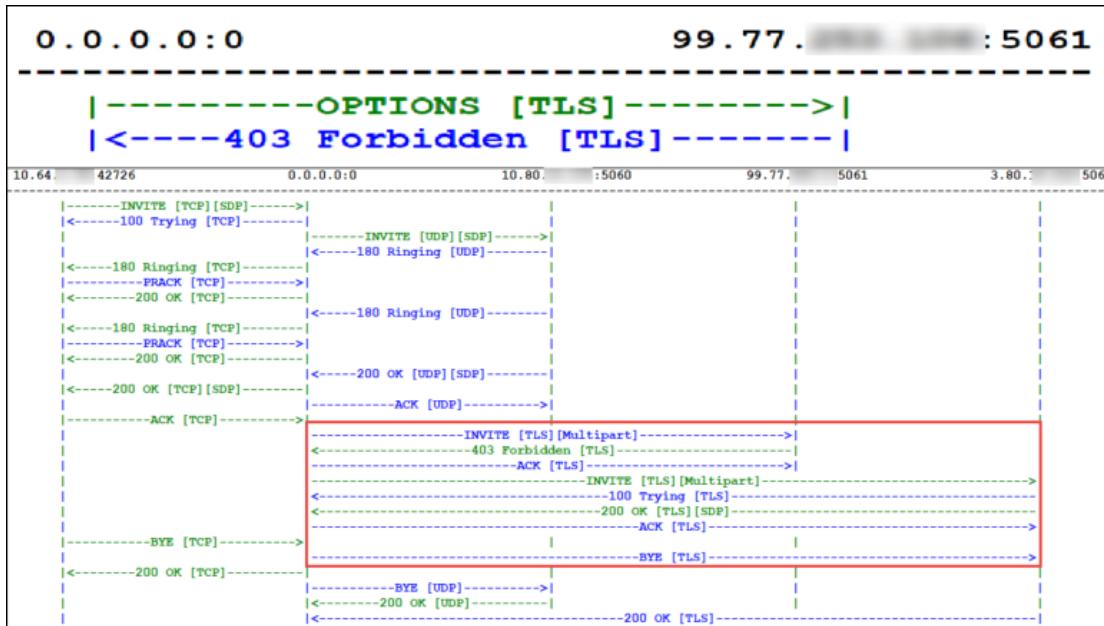


Figure 16: SIPREC Resilience Active-Passive(Active failed with 403)

### 6.2.2 Failover to passive

SBC considers the Active connectivity is down and sends INVITE directly to Passive Voice Connector once the pathcheck timer ends. This timer is calculated by using the following pathcheck profile configuration:

```
set profiles services pathCheckProfile AWS sendInterval 30
set profiles services pathCheckProfile AWS replyTimeoutCount 3
set profiles services pathCheckProfile AWS failureResponseCodes [ all4xx all5xx ]
```

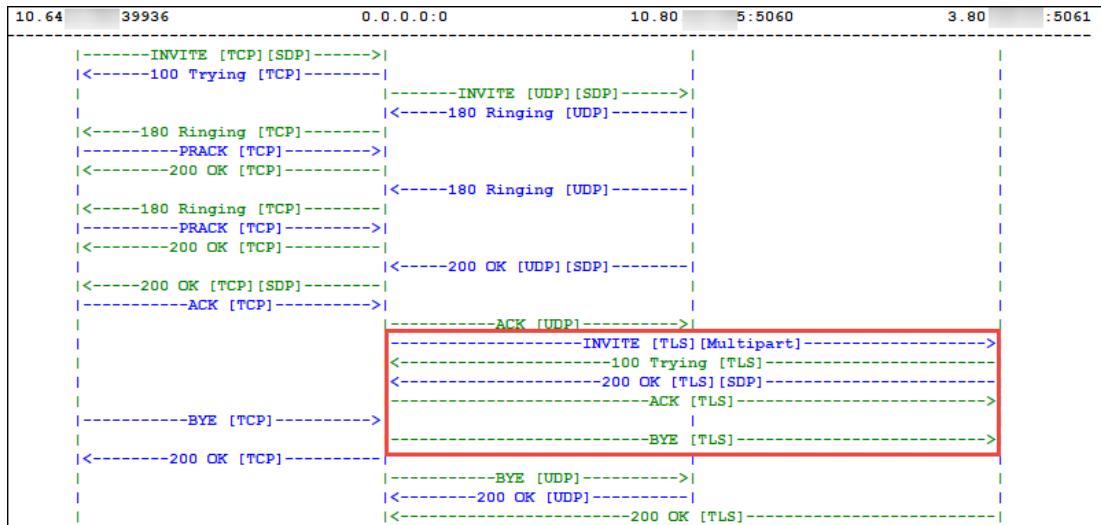


Figure 17: SIPREC Resilience Active-Passive(Failover to passive)

### 6.2.3 After Active restored

SBC considers the Active connectivity is up and sends INVITE directly to Active Voice Connector once the restore pathcheck timer ends. This timer is calculated by using the following pathcheck profile configuration:

```
set profiles services pathCheckProfile AWS sendInterval 30
set profiles services pathCheckProfile AWS recoveryCount 10
```

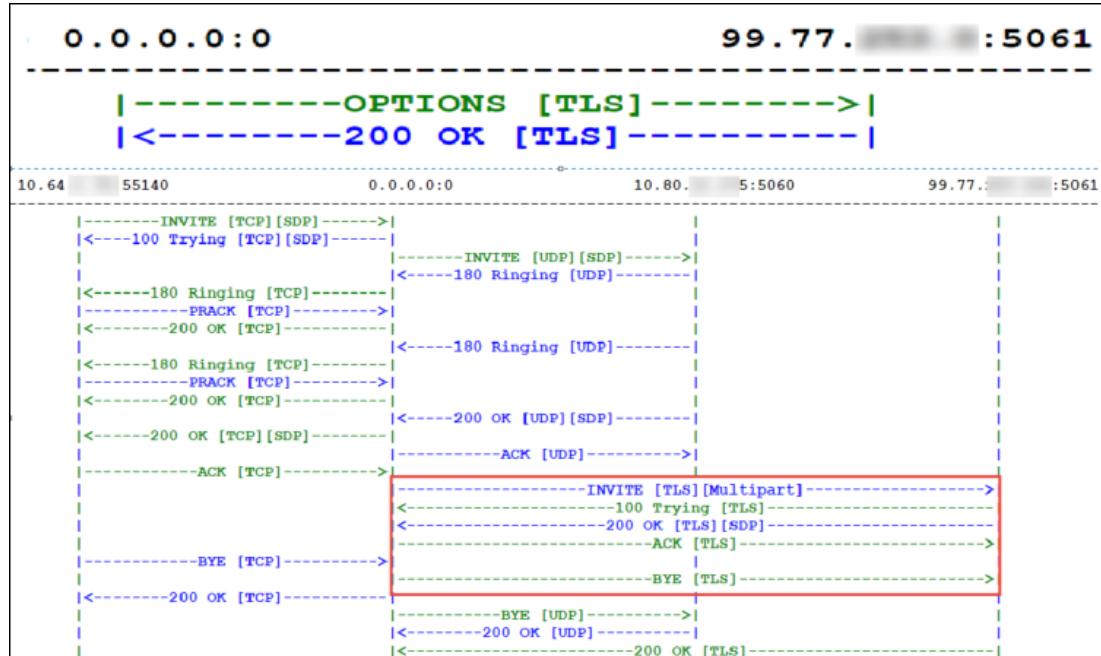


Figure 18: SIPREC Resilience Active-Passive(After Active restored)

## 7 Test results

### 7.1 With TLS as Transport

Test Case ID	Title	Procedure	Expected Results	Status	Comments
1	SIPREC Resilience Active-Active Inbound call from PSTN	Call is established between a PSTN user to Genesys user.  SBC establish SIPREC SIP Invite to both Voice Connectors in the two Regions	Call recordings are created in both Regions.  Two call recordings should approximately the same length. The audio in the two call recordings should be the same.  The Call-Id in both SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user.	<b>Passed</b>	
2	SIPREC Resilience Active-Active Outbound call to PSTN	Call is established between a PSTN user to Genesys user.  SBC establish SIPREC SIP Invite to both Voice Connectors in the two Regions	Call recordings are created in both Regions.  Two call recordings should be approximately the same length. The audio in the two call recordings should be the same.  The Call-Id in both SIPREC SIP Invite Metadata matches the Call-Id	<b>Passed</b>	

			of the initial SIP Invite between the PSTN user and Genesys user.		
3	SIPREC Resilience Active-Passive Inbound call from PSTN	Call is established between a PSTN user to Genesys user.  SBC establish SIPREC SIP Invite to Active Voice Connector	Call recording is created in Active Region  The call recording should have a whole call between the PSTN user and Genesys user.  The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user	<b>Passed</b>	
4	SIPREC Resilience Active-Passive Outbound call to PSTN	Call is established between a PSTN user to Genesys user.  SBC establish SIPREC SIP Invite to Active Voice Connector	Call recording is created in Active Region  The call recording should have a whole call between the PSTN user and Genesys user.  The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user	<b>Passed</b>	
5	SIPREC Resilience Active-Passive Inbound call from PSTN with failover	Call is established between a PSTN user to Genesys user.  SBC detect the active Voice Connector connectivity failed	Call recording is created in the passive Region.  The failover latency should be low. For example, less than 1 second.	<b>Passed</b>	SBC uses SIP OPTION method for keepalive and find the active Voice Connector connection is down

		and failover to passive Voice Connector	The call recording should have a whole call between the PSTN user and Genesys user.  The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user		Configured replyTimeoutCount 3
6	SIPREC Resilience Active-Passive Outbound call to PSTN with failover	Call is established between a PSTN user to Genesys user.  SBC detect the active Voice Connector connectivity failed and failover to passive Voice Connector	Call recording is created in the passive Region.  The failover latency should be low. For example, less than 1 second.  The call recording should have a whole call between the PSTN user and Genesys user.  The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user	<b>Passed</b>	SBC uses SIP OPTION method for keepalive and find the active Voice Connector connection is down  Configured replyTimeoutCount 3
7	SIPREC Resilience Active-Passive Inbound call from PSTN after restored	Call is established between a PSTN user to Genesys user.  SBC detect the active Voice Connector connectivity and SBC establish SIPREC SIP	Call recording is created in Active Region  The call recording should have a whole call between the PSTN user and Genesys user.	<b>Passed</b>	SBC uses SIP OPTION method for keepalive and find the active Voice Connector connection is restored

		Invite to Active Voice Connector	The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user		Configured recoveryCount 10
8	SIPREC Resilience Active-Passive Inbound call to PSTN after restored	<p>Call is established between a PSTN user to Genesys user.</p> <p>SBC detect the active Voice Connector connectivity and SBC establish SIPREC SIP Invite to Active Voice Connector</p>	<p>Call recording is created in Active Region</p> <p>The call recording should have a whole call between the PSTN user and Genesys user.</p> <p>The Call-Id in the SIPREC SIP Invite Metadata matches the Call-Id of the initial SIP Invite between the PSTN user and Genesys user</p>	<b>Passed</b>	<p>SBC uses SIP OPTION method for keepalive and find the active Voice Connector connection is restored</p> <p>Configured recoveryCount 10</p>