Unified CM SME Configuration

Enable Session Refresh

Periodic session refresh helps to determine the downlink status and to trigger clear sessions from the gateway to release Unified CVP call server ports in case of Unified CM SME failures.

Perform the following steps to enable SIP session refresh globally.

Procedure

Step 1 Use putty or telnet to log in to the IOS gateway.

Step 2 From the command prompt, run the following command:

```
>enable
>configure terminal
>voice service voip
>sip
>session refresh
```

Enable Session Timer

To enable SIP session timer globally, set the `min-se` command in SIP configuration mode using the following steps.

Procedure

Step 1   Use putty or telnet to log in to the IOS gateway.

Step 2   From the command prompt, run the following command:

```
>enable
>configure terminal
>voice service voip
>sip
>min-se <seconds> session-expires <seconds>
```

Step 3   Check the min-se set value by typing the following command: `show sip-ua min-se.`

Configure Media Inactivity Timer in Cisco IOS Gateway

During Unified SME failure, the IOS(Cisco UBE or PSTN Gateway) does not receive a BYE message for any type of call flow. To avoid this scenario, you must use the following procedure to configure Media Inactivity Timer in the IOS Gateway.

Procedure

Step 1   Use Putty or Telnet to log in to the IOS gateway.

Step 2   From the command prompt, run the following command:

```
ip rtcp report interval <timer_value in msecs>
gateway
media-inactivity-criteria all
 timer receive-rtcp <timer_value in secs>
 timer receive-rtp <timer_value in secs>
```

Configure SIP Trunk from SME to Unified CM Leaf Cluster

For more information about configuring SIP trunk from SME to Unified CM Leaf Cluster, see *Cisco Collaboration System Solution Reference Network Designs (SRND)* available at http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/design/guides/UCgoList.html.

Configure SIP Trunk from Unified CM Leaf Cluster to SME

For more information about configuring SIP trunk from Unified CM Leaf Cluster to SME, see *Cisco Collaboration System Solution Reference Network Designs (SRND)* available at http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/uc_system/design/guides/UCgoList.html.