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Overview

This document outlines the configuration steps to integrate the Smart Assist by Mutare (SAM) using Session Initiation Protocol (SIP) with the Cisco Unified Communication Manager (CUCM).

Site Configuration

Cisco Unified Communication Manager must be at release 8.X or higher.

For this document, the configuration was as follows:

- Cisco CUCM v 8.2
- SAM v 1.4

For the purposes of the configuration examples below, the following IP configuration was used:

- Mutare SAM- 192.168.1.79
- CUCM 192.168.1.30





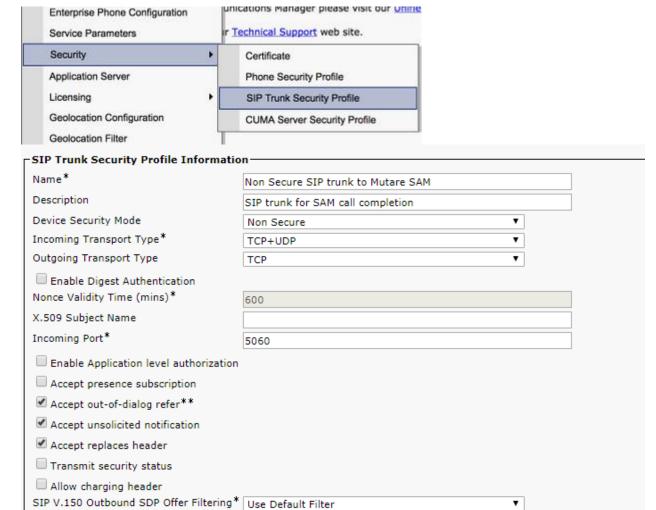
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Configure Cisco Unified Communication Manager

Step 1. On CUCM Admin page, navigate to **System > Security > SIP Trunk Security Profile**. Make a copy of the available profile. The default profile is **Non-Secure SIP Trunk Profile**. On the new profile, check these options; **Accept out-of-dialog refer**, **Accept unsolicited notification** and **Accept replaces header**.





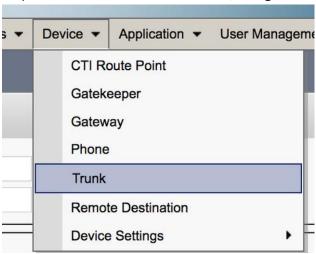


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Step 2. In order to create a SIP trunk, navigate to Device > Trunk and select Add New.



Step 3. Select the Type as **SIP trunk**. Rest of the fields auto-populate.





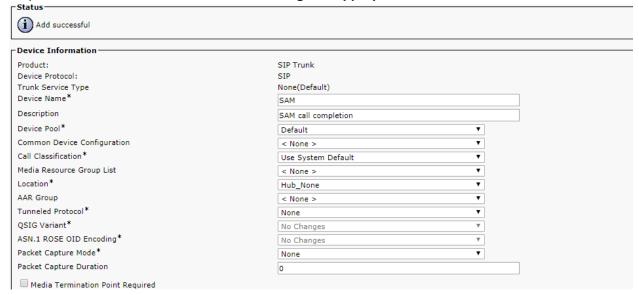


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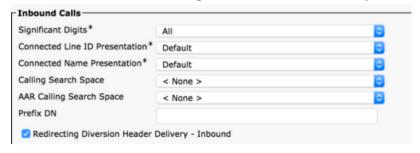
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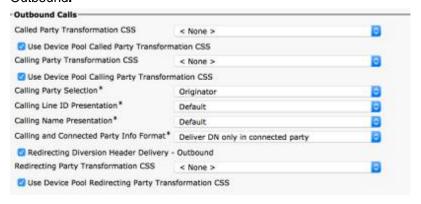
Step 4. Provide a name for the Trunk and assign an appropriate Device Pool.



Step 5. For the **Inbound Calls** settings, select the appropriate CSS which has access to the phones. Also, check the box **Redirecting Diversion Header Delivery-Inbound**.



Step 6. **For the** Outbound Call **settings, check the box** Redirecting Diversion Header Delivery – Outbound.







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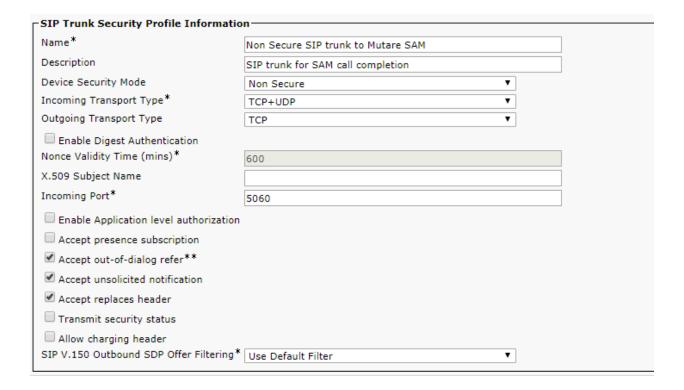
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Step 7. In the Destination Address field, enter the IP address of the SAM server to which the CUCM

C	COTHECTS.								
г	SIP Information								
	¬ Destination								
	Destination								
	Destination Address is an SRV								
	Destination Address	Destination Address IPv6	Destination Port						
	1* 192.168.1.79		5060	+ -					
		DESCRIPTION PAGE 23 1740		• •					

Step 8. Select the **SIP trunk security profile** from the drop down menu. Choose the new Security Profile created in Step 1.





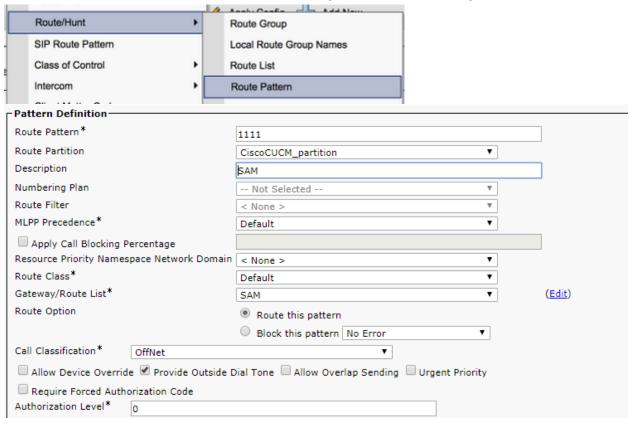


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Step 9. Add a Route Pattern. Navigate to Call routing > Route/Hunt > Route Pattern. Click on add new and provide the voicemail pilot number for SAM connection. This is the number users use to call into the SAM server. Select SAM as the Gateway/Route List mandatory field.







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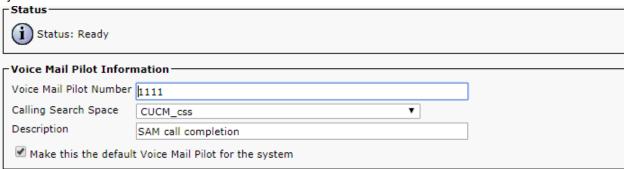
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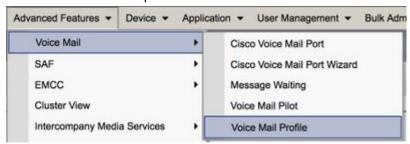
Step 10. In order to add the Voicemail Pilot number, navigate to Advanced Features > Voicemail > Voicemail pilot.



Step 11. Click on Add new and provide the voicemail pilot number. This number must match the Route Pattern created in Step 12. You can choose to make this the Default voicemail pilot number for the entire CUCM cluster. In order to do this, check Make this the default voice mail pilot for the system.



Step 12. Add a voicemail profile for this voicemail system. Navigate to Advanced Features > Voicemail > Voice mail profile.







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Step 13. Click on add new and provide an appropriate name. Choose the voice mail pilot created in Step 10. from the drop down. You can choose to make this the default voicemail profile for the system. In order to do this, check Make this the default voice mail profile for the system.

┌Voice Mail Profile Information				
Voice Mail Profile Voice Mail Profile Name*	SAM (used by 1 devices) SAM			
Description				
Voice Mail Pilot**	1111/CUCM_css *			
Voice Mail Box Mask				
Make this the default Voice Mail Profile for the System				

Step 14. **Assign Voicemail profile to device. Navigate to** Devices > Phone > Selected Phone(s). **Assign SAM voicemail profile to selected devices.**

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Directory Number* 9998									
Route Partition CiscoCl	CM_partition	▼							
Description Test 2 P	ione								
Alerting Name									
ASCII Alerting Name	me								
Allow Control of Device fro	✓ Allow Control of Device from CTI								
Associated Devices SEP001	4A5F19C9	_							
02,001	SEPOOLE4ASI 1909		- t						
			Edit Device						
			Edit Line Appearance						
		+							
Dissociate Devices	Dissociate Devices								
		_							
Directory Number Settings									
_									
Voice Mail Profile	SAM		(Choose <none> to use system default)</none>						
Calling Search Space	CUCM_css	CUCM_css •							
Presence Group*	Standard Presence group		7						
User Hold MOH Audio Source	< None >	< None >							
Network Hold MOH Audio Sou	< None >								
Auto Answer*	Auto Answer Off	,							



