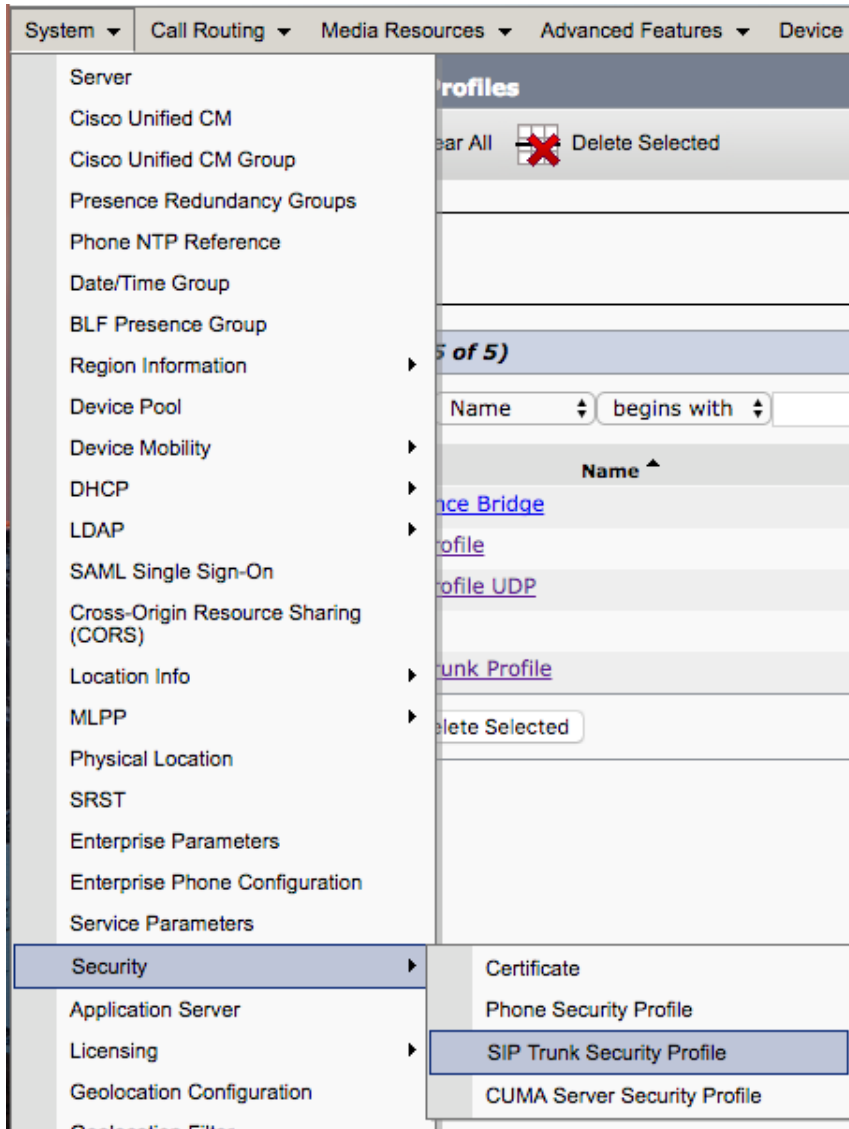


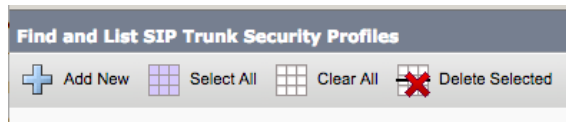
Setting up CUCM for Zoom Video Conferencing

SIP Trunk Security Profile Setup:

System > Security > SIP Trunk Security Profile



Click on Add New:



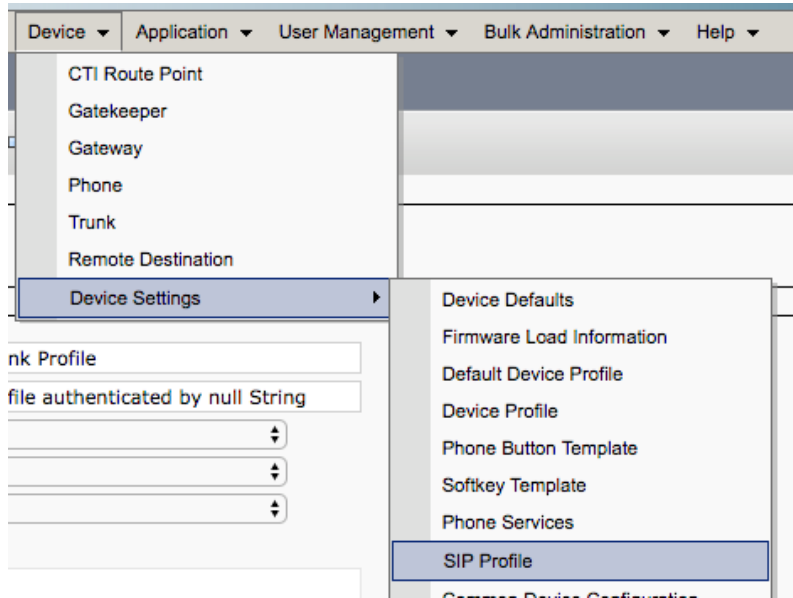
Now configure the SIP Trunk Security Profile:

<p>SIP Trunk Security Profile Configuration</p> <p>Save Delete Copy Reset Apply Config Add New</p> <p>Status</p> <ul style="list-style-type: none">Update successfulReset of the trunk is required to have changes take effect. <p>SIP Trunk Security Profile Information</p> <p>Name* Zoom SIP Trunk</p> <p>Description Non Secure SIP Trunk Profile authenticated by null String</p> <p>Device Security Mode Non Secure</p> <p>Incoming Transport Type* TCP+UDP</p> <p>Outgoing Transport Type TCP</p> <p><input type="checkbox"/> Enable Digest Authentication</p> <p>Nonce Validity Time (mins)* 600</p> <p>X.509 Subject Name</p> <p>Incoming Port* 5060</p> <p><input type="checkbox"/> Enable Application level authorization</p> <p><input type="checkbox"/> Accept presence subscription</p> <p><input type="checkbox"/> Accept out-of-dialog refer**</p> <p><input checked="" type="checkbox"/> Accept unsolicited notification</p> <p><input checked="" type="checkbox"/> Accept replaces header</p> <p><input type="checkbox"/> Transmit security status</p> <p><input type="checkbox"/> Allow charging header</p> <p>SIP V.150 Outbound SDP Offer Filtering* Use Default Filter</p> <p>Save Delete Copy Reset Apply Config Add New</p>	<p>Name: Zoom SIP Trunk (1A)</p> <p>Description: Zoom SIP Trunk</p> <p>Device Security Mode: None Secure</p> <p>Incoming Transport Type: TCP+UDP</p> <p>Outgoing Transport Type: TCP</p> <p>Incoming Port: 5060</p> <p>Check the following boxes:</p> <ul style="list-style-type: none">✓ Accept unsolicited notification✓ Accept replaces header
--	--

Now click on Save

Configuring SIP Profile:

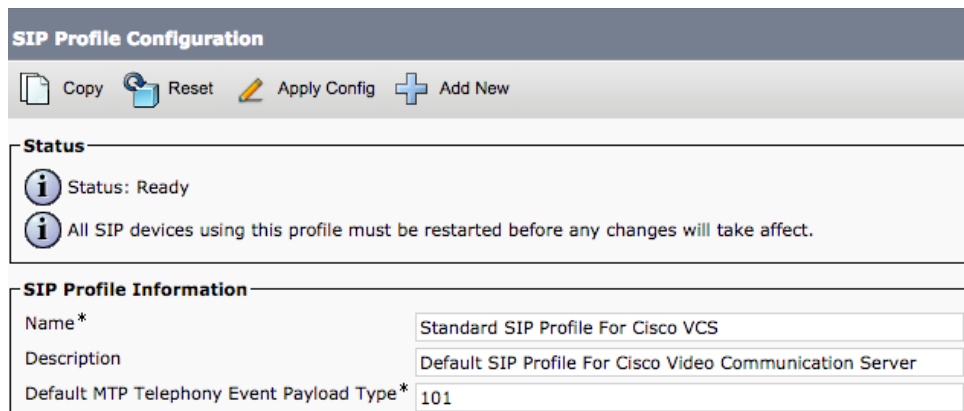
Click on Device > Device Settings > SIP Profile



Click on “Standard SIP Profile For Cisco VCS” and copy



Click on Copy



Now modify the Name: “Zoom SIP Profile” (2A)

SIP Profile Information

Name*	Zoom SIP Profile
Description	
Default MTP Telephony Event Payload Type*	101
Early Offer for G.Clear Calls*	Disabled
User-Agent and Server header information*	Send Unified CM Version Information as User-Agent
Version in User Agent and Server Header*	Major And Minor
Dial String Interpretation*	Phone number consists of characters 0-9, *, #, and
Confidential Access Level Headers*	Disabled

Redirect by Application

Scroll down to “Early Offer support for voice and video calls” to “Best Effort”

Session Refresh Method*	Invite
Early Offer support for voice and video calls*	Best Effort (no MTP inserted)

Enable ANAT

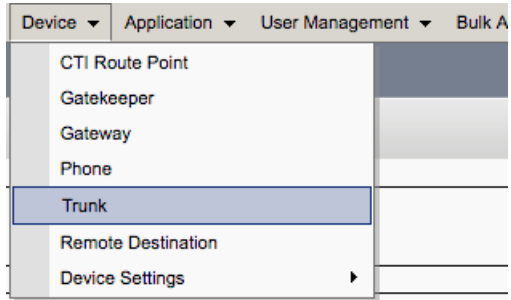
Under SDP Information please check the following boxes and Save

SDP Information

- Send send-receive SDP in mid-call INVITE
- Allow Presentation Sharing using BFCP
- Allow iX Application Media
- Allow multiple codecs in answer SDP

Creating SIP Trunk to VCS:

Go to Device > Trunk



The Device Information will be up to the customers' needs and which Device Pool:

Device Information	
Product:	SIP Trunk
Device Protocol:	SIP
Trunk Service Type	None(Default)
Device Name*	Zoom SIP Trunk to VCS
Description	
Device Pool*	Default
Common Device Configuration	< None >
Call Classification*	Use System Default
Media Resource Group List	< None >
Location*	Hub_None
AAR Group	< None >
Tunneled Protocol*	None
QSIG Variant*	-- Not Selected --
ASN.1 ROSE OID Encoding*	-- Not Selected --
Packet Capture Mode*	None
Packet Capture Duration	0
<input type="checkbox"/> Media Termination Point Required	
<input checked="" type="checkbox"/> Retry Video Call as Audio	

Scroll down to SIP Information and add the VCS Control or VCS Expressway C IP address and Port:

SIP Information

Destination

Destination Address is an SRV

	Destination Address	Destination Address IPv6	Destination Port
1 *	192.168.128.7		5060

MTP Preferred Originating Codec* 711ulaw

BLF Presence Group* Standard Presence group

SIP Trunk Security Profile* Zoom SIP Trunk

Rerouting Calling Search Space < None >

Out-Of-Dialog Refer Calling Search Space < None >

SUBSCRIBE Calling Search Space < None >

SIP Profile* Zoom SIP Profile [View Details](#)

DTMF Signaling Method* RFC 2833

Normalization Script

Normalization Script < None >

Enable Trace

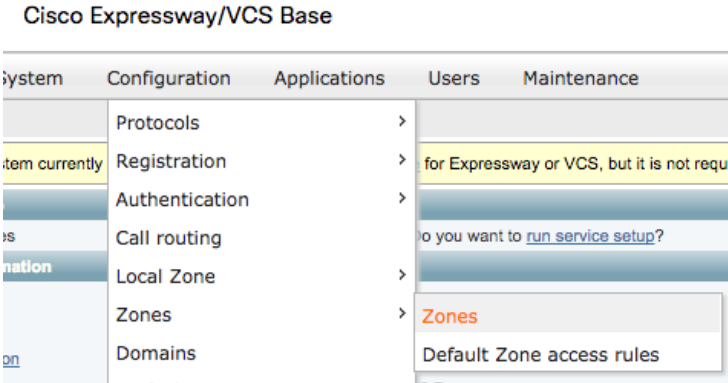
SIP Trunk Security Profile is from 1A (Zoom SIP Trunk)

SIP Profile is from 2A (Zoom SIP Profile)

Save and Reset the Trunk

Neighbor Zone to CUCM Advanced setting verification:

Go to Configuration > Zones > Zones and click on the CUCM Neighbor Zone



Scroll down to Advanced and change the Zone profile to Custom

Make sure the Call signaling routed mode to "Always" from Auto

