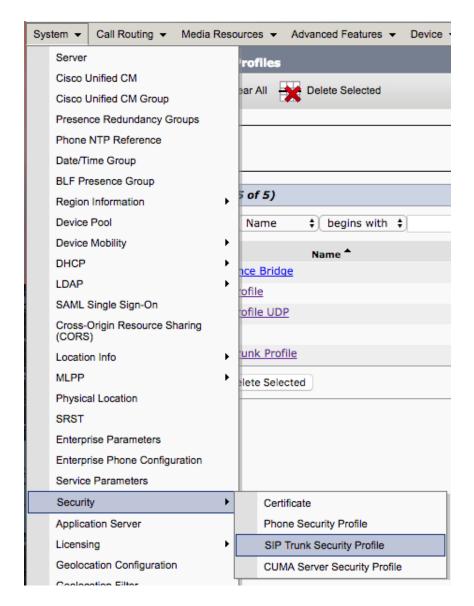
Setting up CUCM for Zoom Video Conferencing

SIP Trunk Security Profile Setup:

System > Security > SIP Trunk Security Profile



Click on Add New:



Now configure the SIP Trunk Security Profile:

SIP Trunk Security Profile Configuration		Name: Zoom SIP Trunk (1A)
🕞 Save 🗙 Delete 🗈 Copy 🎱 Reset 🥒 Apply Config 🕂 Add New		Description: Zoom SIP Trunk
i Update successful Reset of the trunk is required	to have changes take effect.	Device Security Mode: None Secure
SIP Trunk Security Profile Infor	mation	Incoming Transport Type: TCP+UDP
Name*	Zoom SIP Trunk	
Description	Non Secure SIP Trunk Profile authenticated by null String	Outgoing Transport Type: TCP
Device Security Mode	Non Secure	outgoing multiport type. Tel
Incoming Transport Type*	TCP+UDP \$	
Outgoing Transport Type	TCP \$	Incoming Port: 5060
Enable Digest Authentication		
Nonce Validity Time (mins)* 600		Check the following boxes:
X.509 Subject Name		check the following boxes.
Incoming Port* 5060		
Enable Application level authori:	zation	 Accept unsolicited notification
Accept presence subscription		 Accept replaces header
Accept out-of-dialog refer**		
Accept unsolicited notification		
Accept replaces header		
Transmit security status		
Allow charging header		
SIP V.150 Outbound SDP Offer Filte	ering* Use Default Filter \$	
Save Delete Copy Reset	Apply Config Add New	

Now slick on Save

Configuring SIP Profile:

Click on Device > Device Settings > SIP Profile

	Dev	vice 👻	Application -	User Mana	igen	nent	▼ Bulk Administration ▼	Help	•	
		CTI R	oute Point							
1		Gatek	eeper							
٩		Gatew	ay							
1		Phone								
		Trunk			Ī					
		Remot	te Destination							
		Device	e Settings		Þ		Device Defaults			
							Firmware Load Information			Γ
		ofile					Default Device Profile			
fi	le a	uthenti	cated by null S	tring			Device Profile			
				+			Phone Button Template			
				+			Softkey Template			
				\$			Phone Services			
					Γ		SIP Profile			
							Comment Device Configuration	_		

Click on "Standard SIP Profile For Cisco VCS" and copy

	Name 🗖
Standard SIP Profile	
Standard SIP Profile For Cisco VCS	

Click on Copy

SIP Profile Configuration						
🗋 Copy 🌯 Reset 🥒 Apply Config 🕂 Add New						
Status Status: Ready All SIP devices using this profile must be restarted before any changes will take affect.						
SIP Profile Information						
Name* Standard SIP Profile For Cisco VCS						
Description Default SIP Profile For Cisco Video Communication Server						
Default MTP Telephony Event Payload Type* 101						

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 \diamondsuit
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 st	Best Effort (no MTP inserted)	\$
Creekle ANAT		

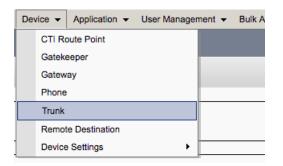
Under SDP Information please check the following boxes and Save

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	SIP				
Trunk Service Type	None(Default)	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					
Media Termination Point Required						
Retry Video Call as Audio						

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

Destination Destination Address is an SRV			
Destination Add	ress	Destination Address IPv6	Destination Port
1* 192.168.128.7			5060
MTP Preferred Originating Codec*	711ulaw	*	
3LF 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 >	•	
UBSCRIBE Calling Search Space	< None >	(
IP Profile*	Zoom SIP Profile	View Details	
OTMF Signaling Method*	RFC 2833	\$	
Normalization Script			
Normalization Script < None >		\$	

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

Cisco Expressway/VCS Base

ystem	Configuration	Applications		Users	Maintenance
	Protocols		>		
tem currently	Registration		>	for Express	way or VCS, but it is not requ
_	Authentication		>		
IS	Call routing			o you want	to run service setup?
nation	Local Zone		>	_	
	Zones		>	Zones	
on	Domains			Default Z	one access rules
			. 1		

Scroll down to Advanced and change the Zone profile to Custom

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

Peer 6 address			i
Advanced]		
Zone profile		Custom	† (1)
Monitor peer status		Yes 🛊 🧯	
Call signaling routed mode		Always 🛊 i	
Automatically respond to H.323 searches		Off \$ ()	