Setting up CUCM for Zoom Video Conferencing
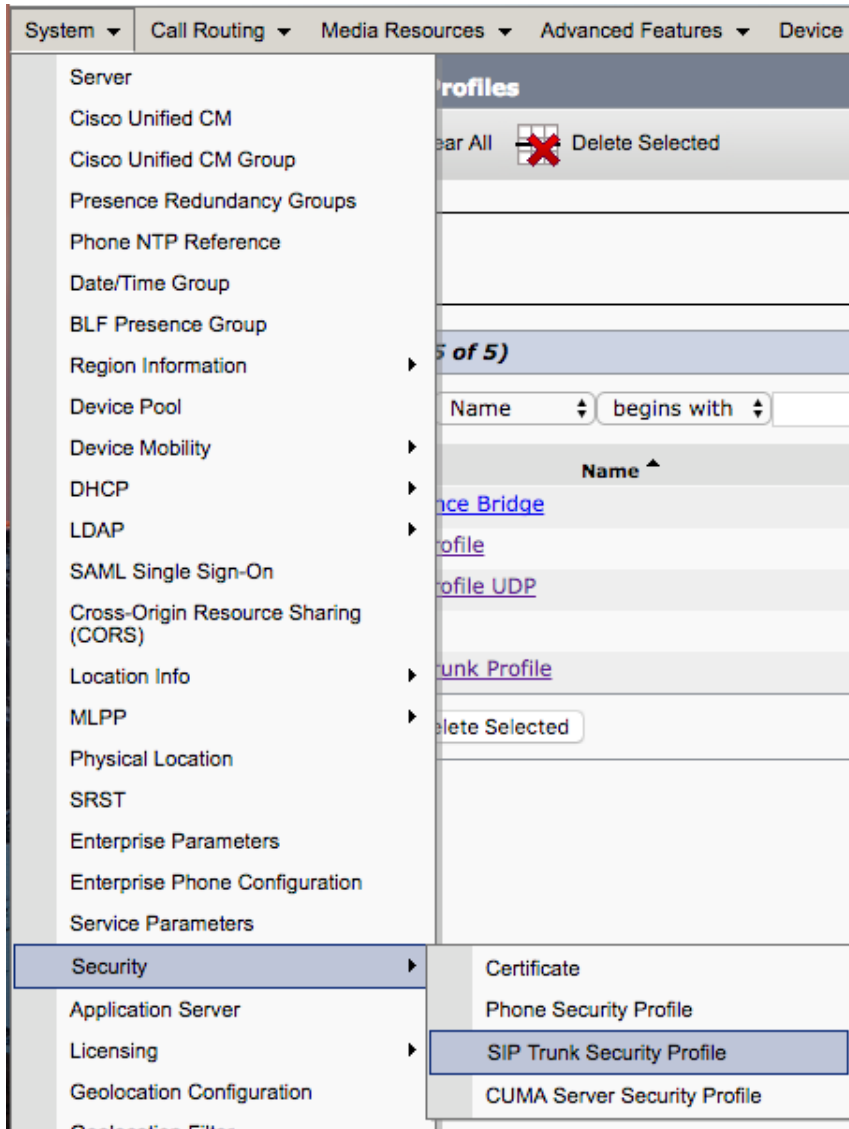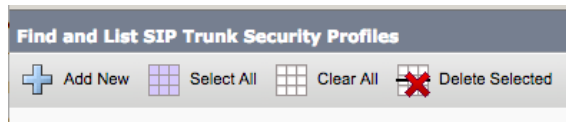
SIP Trunk Security Profile Setup:

System > Security > SIP Trunk Security Profile

Click on Add New:
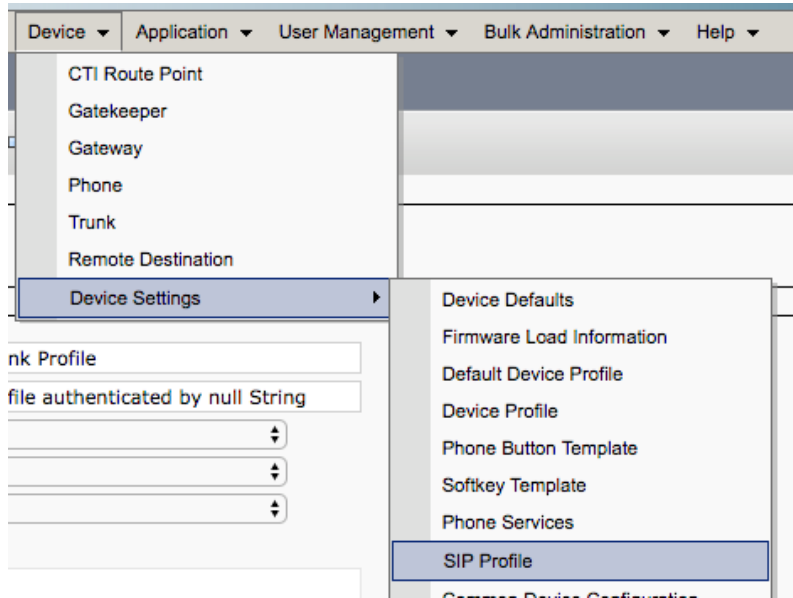

Find and List SIP Trunk Security Profiles

Add New   Select All   Clear All   Delete Selected

Now configure the SIP Trunk Security Profile:

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

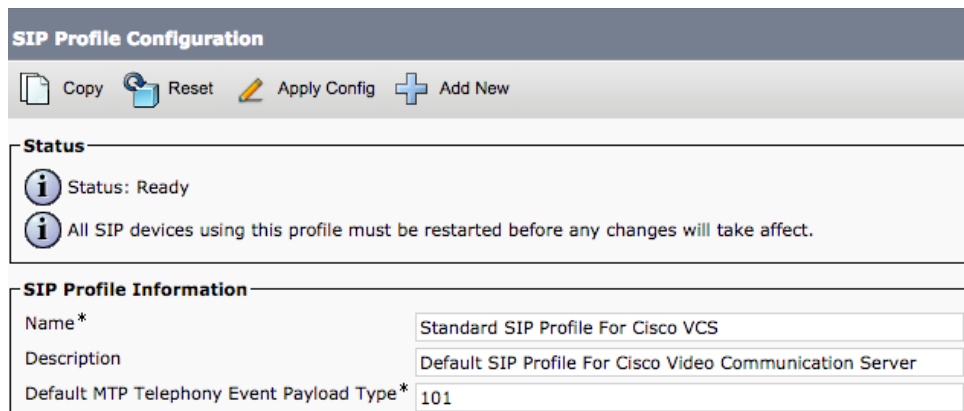Now slick on Save

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)

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

Under SDP Information please check the following boxes and Save

Creating SIP Trunk to VCS:

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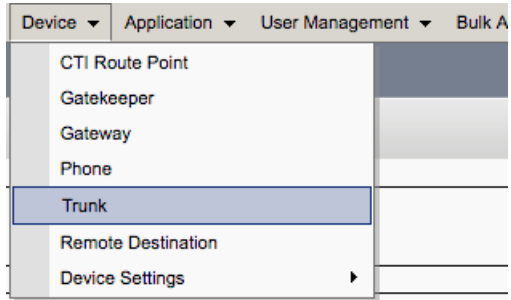
The Device Information will be up to the customers' needs and which Device Pool:

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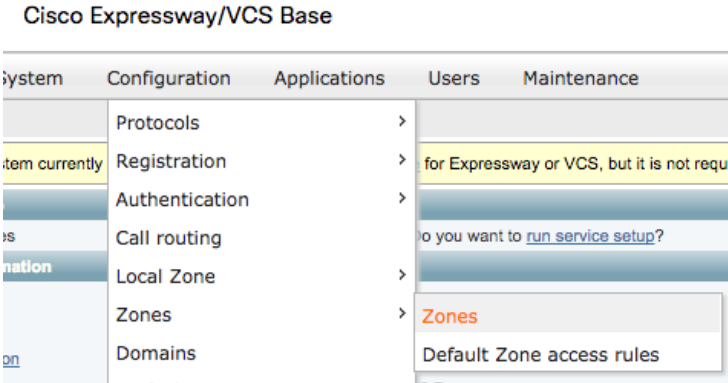

SIP Trunk Security Profile is from 1A (Zoom SIP Trunk)

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