

Configuration Guide For Ascom i63

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Revision History

Version	Date Author		Change				
1.0	12/27/2021	Simon Du	Config Guide created				
1.1	01/20/2022	Simon Du	Update based on Ascom comments				
1.2	05/16/2022	Simon Du	Add Features Support section				
1.3	5/18/2022	Simon Du	Remove Header and Footmote				

Ascom i63 and Zoom Software Versions

	Equipment	Software Version
Ascom	Ascom i63	3.0.0
	Ascom WinPDM	3.15.2
Zeem	Zoom app Desktop	5.8.7 (2058)
20011	Ascom i633.0.0Ascom WinPDM3.15.2Zoom app Desktop5.8.7 (2058)Zoom app Mobile5.8.6 (1819)	



1 Overview

This document outlines the configuration best practices for the Ascom i63 as Zoom generic SIP phone.

2 Configuration Steps - Zoom Web Portal

This section provides instructions on how to configure Ascom i63 in Zoom Web Portal

This section is mainly for adding phone devices (Ascom i63) and assign Zoom users to the devices

Prerequisites:

- Zoom Phone account: a valid Zoom Phone subscription is required in order to assign an Ascom i63 endpoint.
- Zoom approval for provisioning of Ascom i63s as Generic SIP devices. Administrators should contact Zoom Account Executive to start an approval process

Login to Zoom Web portal at https://zoom.us/

The following Zoom SIP Device configurations are included in this section

- 1. Create Zoom Users
- 2. Add Device



1 Create Zoom Users

Zoom Users are created in order to login to Zoom clients on desktop or mobile, it can also be assigned to SIP Device. The steps for creating a user are as follows:

1. Navigate to User Management > Users. Click + Add Users to create new Zoom users.

							REQUEST A	DEMO 1.888.799.59	26 RESOURCES - S	UPPORT
	NS & PRICING CO	ONTACT SALES				SC	HEDULE A MEETING	JOIN A MEETING	HOST A MEETING +	
PERSONAL	Users	You can add 20 License	ed users.						Document	
Profile	Users									
Meetings		Add Users								
Webinars	Q Sear	Add users with their e You can add users of a	mail addresses	count. If you enter th	e email address of ac	count owners. all users on	Imp	ort Export ~	+ Add Users	
Phone	0.5	their accounts will be	added to this acc	ount.				Desertes		
Recordings		: 3@gmail	.com					Departme	\$	
Settings							sed m Pho	Edi	it	
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🗸 User Management	jo:		Webinar				sed	Edi	it	
Users	E	Department	Managed				m Pho			
Group Management		Manager	Kish			٥	sed m Pho	Edi	it	
Role Management	_ pr	Job Title	Engineer				sed	Edi	it	
> Room Management	G	Location	Plano				m Pho			
> Phone System Management							sed m Pho	Edi	it	
> Account Management	sd					Add Cancel	sed	Managed Edi	it	
> Advanced							m Pho			
	ima sima	l@tekvizion.com		Simal	Mathai	Member	Licensed - Zoom Pho	Edi	it	
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Video Tutorials										
Knowledge Base	Knowledge Base									
	< 1	> 15/page	~ 10 result	s						
	_	_		_	_		_	_		

Figure 1 : Add Users



- 2. A Zoom activation email is send to the email address used in creating the user, follow the instruction to active the zoom account
- 3. Navigate to Phone System Management > Users & Rooms. Click Add

							REQUEST A DEM	10 1.888.799.5926	RESOURCES - SU	
ZOOM SOLUTIONS - PLAN	IS & PRICING	CONTACT SALES				SCHEDULE	A MEETING	JOIN A MEETING	HOST A MEETING -	
PERSONAL Profile	Users	Zoom Rooms	s Com	imon Area Phones						
Meetings	Plan De	tails								
Webinars										
Phone	Add	Import Expe	DEL							
Recordings	Q Sea	arch by Name, Ext. or	Number		Package (All)	 Status (All) 		 Site (All) 	~	
Settings										
Analytics	0	Name 🛊	Ext. \$	Package	Number(s)	Desk Phone(s)	User Status	Site		
ADMIN		Du								_
Dashboard		.com	8009	US/CA Unlimited	(719) 2 4	Online	Active	Main Site		L
> User Management		ali								
> Room Management	0	IO@g mail.com	8013	Zoom Phone Basic (Migrated)		Online	Active	Main Site		L
Phone System Management		umar								
Auto Recentionists	0	@tekvizio	8012	US/CA Unlimited	(719)5	Offline ,	Active	Main Site		•
Call Queues		n.com								-
Shared Lines	0	gali vizion.co m	8011	US/CA Unlimited	(719) 9	Offline Online	Active	Main Site		e
Phone Numbers		*limar								
Phones & Devices	Ο	am şam@te	8010	US/CA Unlimited	(719) 3	/	Active	Main Site		0
Monitoring		kvizion.com								_
Logs		u izion.co	8008	US/CA Unlimited	(719) 5	Online	Active	Main Site		Ģ 👘
Company Info		m								_
> Account Management		ekvizio	8004	US/CA Unlimited	(719) 2(E)		Active	Main Site		5
> Advanced		n.com		Zoom Phone Pro			-			
	0	Alphin ekvizion.	8003	US/CA Unlimited	(719) \$	🖪 Offline	Active	Main Site		ς ·

Figure 2 : Add Users and Rooms



4. From pop-up window, select the proper user and Confirm

ZOOM SOLUTIONS - PLANS & PRICING CONTACT SALES								
PERSONAL Profile	Users & Rooms > Users > Add	Choose from Users	I					
Meetings Webinars	You can assign extension numbers those users who need to make out	Q Bearch by Name or Email Address	I					
Phone Recordings	Site Users	Name ‡ Email Address ‡ simc u simc k@gmail.com	I					
Analytics	Package	Page Size 10 - Total 1	I					
ADMIN Dashboard	Specify a template to be assign	Cancel Confirm	I					
Soom Management Room Management	Save Cancel		I					
Phone System Management Users & Rooms Auto Receptionists			I					

Figure 3 : Choose user

5. Click **Assign** beside **Package** and at new window, select proper Calling plan, **US/CA Unlimited Calling Plan** was picked up, click **Save** to complete adding users under phone system Management

ZOOM SOLUTIONS - PLANS & PRICING CONTACT SALES							
PERSONAL	Users & Rooms > Use	Users & Rooms > Users > Add					
Profile	Add Users						
Meetings	You can assign extensi	on numbers to existing users in your account. After that, you can assign calling plans to					
Webinars	those users who need	to make outbound calls. You can add up to 100 users each time.					
Phone	Site	Main Site v					
Recordings	Users	Chosen: 1					
Settings		simon du $ imes$					
Analytics	Choose						
ADMIN	Package	Assign					
Dashboard		US/CA Unlimited Calling Plan Pro Features - Unlimited Domestic					
> User Management		L					
> Room Management	Specify a template	to be assigned to users					
 Phone System Management 		יש איר איז					
Users & Rooms	Save						
Auto Receptionists							
Call Queues							
Shared Lines							

Figure 4 : Assign Calling Plan



6. Select the newly added user, click **Assign** and select **Assign Numbers**

ZOOM SOLUTIONS - PLANS &	NCING CONTACT SALES	SCHEDULE A MEETING	JOIN A MEETING HOST A MEETING -
PERSONAL Profile	Users Zoom Rooms Common Area Phones Cisco/Polycom Rooms		
Meetings	Plan Details		
Webinars	Add Import Export		
Phone			
Recordings	Q, Search by Name, Ext. or Number Package (All) ~	Status (All)	 Site (All)
Settings			
ADMIN	Name : Ext. : Package Number(s) Desk Phone(s) User Status	Site	
Dashboard	Pra ali 8018 US/CA Unlimited 0202 Active	Main Site	Assign v
> User Management	ga, aircon		
> Device Management	Aru arun al.com 8017 US/CA Unlimited 3301 C Offline Active	Main Site	Assign 🗸
> Room Management	simon du 8014 US/CA Unlimited 0246 🗊 Offline Active	Main Site	Assign v
Phone System Management	sime successive from the second s		Assign Packages
Users & Rooms	Sim J 8009 US/CA Unlimited 0244 I Offline Active	Main Site	Assign Numbers
Auto Receptionists	B1-Prahasya 8013 US/CA Metered -4482 IB Offline Active	Main Site	Assign v

Figure 5 : Assign Number

7. Select the desire DID and click **confirm** to assign the DID to the user

Q Search Site (All) Number Number Number Area Number Type Capability (719): 7 United States Toll Number Incoming & Outgoing (719): 6 United States Toll Number Incoming & Outgoing	
Number Area Number Type Capability (719): 7 United States Toll Number Incoming & Outgoing (719): 6 United States Toll Number Incoming & Outgoing (719): .6 United States Toll Number Incoming & Outgoing	I) V Get Numbers
(719): 7 United States Toll Number Incoming & Outgoing (719): 6 United States Toll Number Incoming & Outgoing (719): 6 United States Toll Number Incoming & Outgoing	Site
(719): ·6 United States Toll Number Incoming & Outgoing Bree 1 of 3 () Free Circ 10 Table 10	Main Site
	Main Site
Page Size 10 * Iotal 13	
Page L DI 2 Page Size 10 * Total 13	

Figure 6 : Select DID Number



2 Add SIP Devices

- 1. Navigate to ADMIN -> Phone System Management -> Phones & Devices. Click Add
 - Set Display Name: Ascom i63_3 is set as an example
 - Set MAC Address: add the Ascom i63 MAC Address here
 - Set Device Type: select Other as the phone type is not certified yet
 - Click Assign under Assigned To and select the newly created user in previous steps
 - Click Save

	S & PRICING CONTACT SALES		SCHEDULE A
PERSONAL Profile	Assigned Unassigned		
Meetings	Desk Phone Analog Telephone Adapter	Add Desk Phone	
Webinars Phone	r Add Export ⊘	Display Name Ascom i63_3 MAC Address 00-01-3e-24-34-91	
Recordings Settings	Q. Search by User, Ext., MAC Address, or IP Address	Device Type Other ~	Device (All) ~ Brand (All)
ADMIN		This device type supports 1 assignee.	
Dashboard	Display Name C Device Type MAC Addre	Assigned To simon du Ext. 8014	IP Address Hot Desking (Signed In)
Device Management	Ascom i63_2 Other 00-01-3e-2		te 192.168.19.106 Unsupported
Room Management Phone System Management	Page Size 15 · Total 1	Cancel Save	
Users & Rooms Auto Receptionists			
Call Queues			
Group Call Pickup			
Phone Numbers Phones & Devices			
Monitoring			

Figure 7 : Add Desk Phone



2. Click **Provision** button for the newly created device. The SIP Account detail is displayed which will be used in the Ascom i63 **VoIP** configuration in later step, Download the Certificates which will be installed to Ascom i63 in section **Manage Certificate**

ZOOM SOLUTIONS -	ZOOM SOLUTIONS - PLANS & PRICING CONTACT SALES							
PERSONAL	Phones & Devices > Assig	ned > Ascom i63_3						
Profile Meetings Webinars	Ascom i63_3 Ret Profile	name	Provisioning MAC Address 00-01-3e-24-34-91					
Phone Recordings	Site	Main Site (Main S	Device Type Other					
Settings	Applied to	simon du Ext. 8014	You will need to enable TLS1.2 for SIP registration and enable SRTP for secure calling on your IP phone. Please refer to your manufacturer's instructions for these processes.					
ADMIN Dashboard	IP Address	192.168.19.102	rou ii neea toikwing information for manual provisioning.					
Viser Management Device Management	Device Type Firmware Version	Other	SIP Account 1: 1. SIP Domain: 7000766863.zoom.us 2. Outbaurd Deurs w01/sir0b.sc zoom us5001					
 Room Management Phone System Management 	MAC Address Provision Template	00-01-3e-24-34- Unsupported 💿	3. User Name: 83370 99636 4. Authorization ID: 4392 1718					
Users & Rooms	Status	Offline	5. Password: ZrJ xg0					
Call Queues	Provision	/e	Please download DigiCert Global Root CA, DigiCert Global Root G2, DigiCert Global Root G3 and import to your IP phone if they are not in the trust list of the device.					
Shared Lines Group Call Pickup			Note: Please note that Zoom support team will not be able to troubleshoot or configure IP phones that are provisioned in this manner. Some Zoom Phone features may not work on manually provisioned phones. It may vary depending on your desk phone model.					
Phone Numbers Phones & Devices								
Monitoring			Close					
Logs								

Figure 8 : Provisioning



Configuration Steps – Ascom i63

This section provides instructions on how to configure Ascom i63 to register to ZoomPhone Services.

The following configurations are included in this section:

- 1. Topology Diagram
- 2. Network
- 3. Configure Ascom i63

1 Deployment Topology Diagram



Figure 9 : Network Diagram

2 Network

By default, Ascom i63 has DHCP mode enabled, if the wireless router to which Ascom i63 connect does not support DHCP, you can configure static IP manually. You can find the IP address of Ascom i63 by navigating the physical phone: **Menu** -> **Settings** -> **Device info** ->**Network info**.



3

3 Configure Ascom i63

Windows Desktop Application **Ascom WinPDM** is used for the Ascom i63 configuration. Connect Ascom i63 charger to Desktop running **Ascom WinPDM** application via USB cable and place the i63 onto the charger, the phone shows online

Navigate to **NUMBERS** tab and select the i63 just connected

8				NewSite -	Ascom Win	PDM					x
File Device Number Template License Options Help											
DEVICES DIVIMBERS E TEMPLATES LICENSES											
Device types:	Search for:		in: [Description	✓ Sho	ow all					
(All)	Description	Number	Device type	Parameter	Device ID	Online	Status	Saved	Last login	Last run t	
i63 Messenger		9574375693396	i63 Messenger	8.103	00013E280D4F		Synchronized	√	2022-01-1		
		9904278306731	i63 Messenger	8.103	00013E280D59		Synchronized	✓	2022-01-1		
		8337037713512	i63 Messenger	8.103	00013E243491	\checkmark	Synchronized	\checkmark	2022-01-1		
											~

Figure 10 : Ascom WinPDM

3.1 Manage Certificates

Zoom root certificates need to be upload to the Ascom i63 to get the phone registered as SIP device and make in/out calls.

Right click the selcted the i63 which is connected, select Manage Certificates.

File Device Number Template License Options Help Device types: Search for: In: Description B33203771351263 Messenger 8.103 B33203771351263 Messenger 8.103 B3743756933663 Messenger 8.103 Device types: B3743756933663 Messenger 8.103 Device types: B3743756933663 Messenger 8.103 O0013E2400+F Edit description Manage Certificates Copy Baye Delete Apply template Use as template Use as template Go to device Apply template Item selected	8				NewSite -	Ascom Win	PDM					×
DEVICES Image: Control of the second of	File Device Number Template License Options Help											
Device types: Search for: in: Description Show all (A) 163 Messenger Description Number Device type Parameter Device ID Online Status Saved Last login Last run t (A) 163 Messenger B337037713512 (63 Messenger 8.103 00013E28004F New 2022-01-1 Save Delete Copy Rename Export Save Delete Apply template Use as template Use as template Use as template Use as template	DEVICES	123 NUMBERS	TEMPLA		ICENSES							
CAD Description Number Device type Parameter Device ID Online Status Saved Last login Last unt 163 Messenger 8337037713512163 Messenger 8.103 00013E243491 Image: Control on the status 2022-01-1	Device types:	Search for:		in: [Description	∨ Sh	ow all]				
8337037713512	(All)	Description N	lumber	Device type	Parameter	Device ID	Online	Status	Saved	Last login	Last run t	
1 item selected		99	337037713512 574375693396 904278306731	163 Messenger 163 Messenger	8.103 8.103 8.103	00013E243491 00013E280D4F 00013E280D59		Sunchronized New Edit parameters Edit description Manage Certifica Copy Rename Export Save Delete Apply template Use as template. Go to device Associate with d Import contacts Export contacts	ates	2022-01-2 2022-01-1 2022-01-1		~
	1 item selected											

Figure 11 : Manage Certificates



At **Manage Certificates** windiow, navigate to **Trust list**, under **Certificate 1**, click **Browse**, and then select the certificate we downloaded in early step and click **Open**

8					N	ewSite - Asco	m WinPDN	1				x
File Device Number Template License Options Help												
DEVICES	(12	NUMBERS	Ξ) Dhumhan i	- formation	Manage Ce	ertificates	×				
Device types:	Se	earch for:		Number:	83370377	135126899636	Parameter	definition: 8.103				
(All)	De	scription N	umber	Device ty	ype: i63 Messe	nger	Online:	Yes	aved	Last login	Last run t	
i63 Messenger		83	370377	1 Trust list	t Application c	ertificates			1	2022-01-2.		
		95	743756	9					(2022-01-1.		
		33	042783	Certifica	ate 1:		Browse	Remove	1	2022-01-1.		- 1
		<u></u>				Oper	l.			×		
		Lo	ok in:	ᠾ Download	s			v 🤌 📂 🖽	.			
			ł	new(3)			Cucm14	-cucm1pub.lab.tekvizio	n.com			
		2	t	new(4)			🦲 cucm14	-cucm1sub1.lab.tekvizi	on.com			
		Recent Ite	ms t	tnew(5)			cucm14-cucm1sub1.lab.tekvizion.com					
				new(6) new(7)			default	-cucm1sub1.lab.tekvizio	on.com			
		Desktop		new(8)			DigiCert	GlobalRootCA.crt(1)				
			t	new			DigiCert	GlobalRootCA.crt(2)				
			t	new			DigiCert	GlobalRootCA.crt				
		Documen	ts e	stron	aula la la talaviai	an com(1)	DigiCert	GlobalRootG2.crt(1)				
			Ì	mi4-cucmip	pub.iab.tekvizi	on.com(1)	j Digicen	GiobalkootG2.crt(2)				
		This PC	L	<						_		
			F	ile name:	DigiCertGloba	RootCA.crt.pem			Open			
			F	iles of type:	Certificate file	es (*.cer, *.der,	*.crt, *.pem, *.	p12, *.pfx, *.p7b) ∨	Cancel			
												~
												-

Figure 12 : Select Zoom Root Certificate

Click Yes at Confirm Certificate page and the certificate will be applied to the i63

commetaneare	~
Are you sure you wish to continue?	
Certificate	
Algorithm: SHA1withRSA Valid: Yes	
Valid from: 2006-11-09 18:00 Valid to: 2031-11-09	18:00
SHA-256 Fingerprint: 43:48:A0:E9:44:4C:78:CB:26:5E:05:8D:5E:89:44:B4:D8:4F:96:62:BD:26:DB:25:7F:89:34:A4:43:C7:01:61	
Issuer	
C: US OU: www.digicert.com	
CN: DigiCert Global Root CA O: DigiCert Inc	
Issued to	
C: US OU: www.digicert.com	
CN: DigiCert Global Root CA O: DigiCert Inc	
Yes	No

Figure 13 : Confirm Certificate



Repeat same steps and apply all certificates download from Zoom, after upload all required Certificates, click **Close** to exit the popup window

Ø		NewSite - Ascom WinPDM _ 🗖	х
File Device Number	r Template License C	ptions Help	_
DEVICES		EMPLATES CICENSES	
Device types: Se	earch for:	in: Description V Show all	
(AI) De i63 Messenger	escription Number 8337037713 957437569	Device type Parameter Device ID Online Status Saved Last login Last run t. 512 63 Messenger 8.103 00013E243491 ✓ Synchronized ✓ 2022-01-2	
	99042783C	Manage Certificates 2022-01-1 Number information Number: 83370377135126899636 Parameter definition: 8.103 Device type: i63 Messenger Online: Yes Trust list Application certificates Implication certificates Certificate 1: DigiCert Global Root CA Browse Remove Implication Certificate 2: DigiCert Global Root G2 Browse Remove Implication Certificate 3: DigiCert Global Root G3 Browse Remove Implication Certificate 4: Browse Remove Implication Implication Certificate 5: Browse Remove Implication Implication Certificate 6: Browse Remove Implication Implication Implication Certificate 7: Browse Remove Implication Implication Implication Implication Certificate 8: Browse Remove Implication Implication Implication Certificate 8: Browse Remove Implication Implication Implication Certificate 8: Browse Remove <	
1 item selected			 ///

Figure 14 : Installed trusted Certificates



3.2 Network

Click the newly selected i63 or right click the device, then select **Edit parameters**, a new window popup. Navigate to: **Network -> Network A**

- Set Network name: ciscoTekv is given as an example
- Set **SSID**: this is the wireless router SSID name, **ciscoTekv** is the wireless router SSID in our lab setup
- Set **Security mode**: select proper mode from drop down menu based on your wireless router setup, **open** is selected for this lab set as no username and password is required for our lab wireless router
- Leave all other fields as default value

Device type: i63 Messenger Parameter definition: 8.103 Image: Constraint of the state of the stat	B	Edit parameters for 83	370377135126899636	×
Book Provides WPA3-Enterprise Ø IP DSCP for voice WPA3-Enterprise Ø IP DSCP for signaling 0x1A (26) - Assured Forwarding 31 Ø IP DSCP for signaling 0x1A (26) - Assured Forwarding 31 Ø IP DSCP for signaling 0x1A (26) - Assured Forwarding 31 Ø IP DSCP for signaling 0x1A (26) - Assured Forwarding 31 Ø IP DSCP for signaling Off Ø IP DSCP for signaling Off Ø IP DSCP for signaling No	Device type: i631 Parameter definition: 8,10 Parameter definition: 9,100 Parameter definition Parameter d	Idit parameters for 83: Messenger 13 Name Network name DHCP mode Frequency band SSID Security mode 2.4 GHz channels Advanced 802.11 channels Use 802.11k neighbor list Regulatory domain IP DCD for using	Value ciscoTekV On 2.4 GHz ciscoTekV Open Open WPA/WPA2-Personal WPA3-Personal WPA2-Enterprise	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Or Concer	Services Push-To-Talk Push-To-T	IP DSCP for signaling TSPEC Call Admission Control Roaming method Check IP connectivity after roaming A-MPDU packet aggregation Deauthenticate on roam	Ox1A (26) - Assured Forwarding 31 Off Fast BSS Transition (FT) No On No On	Cancel

Figure 15 : Network



3.3 Device Setting

Navigate to **Device** -> General

- Set Time zone: Central Time (UTC-6) is selected for the device
- Set NTP server: lab NTP server 10.10.10.5 is set here for the test
- Leave all other fields as default value

B		Edit parameters for 8337037	7135126899636	×
Device type:	i63 Mes	senger		
Parameter definition:	8.103			
Network Device Call Service Service General SCEP Unite Message cr Message cr Call Emergency Restricted Log Log Cultor Cultor	es tionality entre r call Nur mode	Name Time zone Phone mode Backlight timeout NTP server Block switch off No network warning No access warning Dialog window for no network/no access warnings Clear lists in charger Admin access code Transfer unlock file USB behavior WinPDM authentication Allow outdated security protocols	Value Central Time (UTC-6) Personal 20 10.10.10.5 No Indicate repeatedly Indicate repeatedly Yes No On ********** WinPDM Off Yes	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
<	>			OK Cancel

Figure 16 : Device – General



3.4 VoIP Settings

Navigate to: VoIP -> General

- Set Codec configuration: select proper codec from drop down, OPUS Wideband codec is selected for the test
- Set Offer Scure RTP: Yes is selected for secure media
- Set Secure RTP Crypto: AES_CM_256_HMAC_AHA1_80 is select here
- Set Internal call number length: 4 is given
- Set Endpoint Number: This is the User Name shows in Figure 8 under Section 2
- Set Endpoint ID: this is the Authorization ID in Figure 8 under Section 2
- Leave other fields as default value

6	Edit parameters for 8	3370377135126899636	×
Device type: i63 Parameter definition: 8.	3 Messenger		
• Network	Name	Value	
⊕ Device	Replace Call Rejected with User Busy	No	2
	ICE negotiation	No	0
	Codec configuration	OPUS Wideband	0
Ceperal	Codec packetization time configuration	20	2
	Offer Secure RTP	Yes	0
	Secure RTP Crypto	AES_CM_256_HMAC_SHA1_80	2
Services	Internal call number length	4	0
Push-To-Talk	Endpoint number	833703 99636	0
Headset	Endpoint ID	439 L718	•
🗄 🗓 User Profiles			
🗄 🗓 System Profiles			
🗄 🕕 🚺 Shortcuts			
🗄 🕛 Bluetooth			
			OK Cancel

Figure 17 : VoIP – General



Navigate to: VoIP -> SIP

- Set SIP Transport: TLS is set for the test
- Set Validate server certificate: No is selected
- Set Outbound proxy mode: Yes is selected
- Set Outbound proxy: us01sip0h.sc.zoom.us:5091 which is the Outbound Proxy in Figure 8 of Section 2
- Set SIP proxy ID: 7000766863.zoom.us is given here, this is the SIP Domain in Figure 8 under Section 2
- Set SIP proxy password: Please use the Password shows in Figure 8 under Section 2
- Set Authentication identity: Endpoint ID is select here
- Set SIP Register Expiration: 300 is given as it is Zoom preferred timer
- Leave all other fields as default value
- Click OK to complete the configuration and sync the configuration to the device

6	Edit parameters for 83	370377135126899636	×
Device type: Parameter definition:	i63 Messenger 8. 103		
Network Audio Audio Audio Location General SIP Customization Services Push-To-Talk Headset User Profiles System Profile System Profile Buetooth	Name SIP TLS client certificate SIP Transport Validate server certificate Outbound proxy mode Outbound proxy Listening port SIP proxy ID SIP proxy password Send DTMF using RFC 2833 or SIP INFO Hold type Registration identity Authentication identity Call forward locally MOH locally Hold on Transfer Direct signaling SIP Register Expiration SIP Message behavior Disable PRACK Far-End NAT Traversal Register with SIP instance-id	Value Automatic TLS No Yes us01sip0h.sc.zoom.us:5091 5060 7000766863.zoom.us ********* RFC2833 Inactive Endpoint number Endpoint ID No Yes No No S0 Ignore No	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		ОК	Cancel

Figure 18 : VoIP - SIP



Limitations observed in device

The following features are not supported or failed during the test

- 1. Features Supported
 - Basic Call with Codec OPUS and G711
 - Call Hold/Resume
 - Call Waiting

4

- Call Transfer (Blind and Consultative)
- 3-Party Conference
- Zoom Voice Mail and Message Indication
- Call Logs
- Call Park
- AES 256 CM HMAC SHA1 80 Algorithm for SRTP
- 2. Features Not Supported
 - Download software and configuration file via HTTP/TFTP Server
 - Multiple Users/Extensions
 - Answer back to back inbound calls
 - Call Flip
 - Share Line Call Delegation
 - AEAD AES 256 GCM Algorithm for SRTP
- 3. Features Test Failed
 - Call Forward (Always, No Answer and Busy) this was sent to Zoom for verification

