Compatible with Zoom Phone Certification Interoperability

Qualification for

Tone Commander -7810

Submitted to

Test Dates: 20th May to 7th June 2023

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1   Executive Summary

Wipro team carried out the Zoom Phone interoperability tests for Tone Commander-7810 at our qualifications test facility in Vancouver, Canada. Wipro has carried out the Zoom phone interoperability tests for compliance & uncovering any other usability issues.

Wipro team thanks Tone commander for providing this opportunity and the Zoom Partner Engineering team for facilitating with test plans, specs and providing Zoom Phone qualification guidelines.

This document captures the details of the product/service that were used for the testing, test procedures used and the summary of the test results.

2   Partner Details

Partner	**Product**	Tone Commander
	Device Name	Tone Commander
	Firmware Version#	05.04.43
	Company base Url:	https://www.zoomgov.com
	Company Portal Version	6.3.12783
	SIP Domain	190002120.zoomgov.com

3   Qualification Test Procedure

- Wipro performed the qualification tests of Teo Phone utilizing information made available through the "**Ver6.1.1_ZoomPhone Certification Test (Generic SIP Device)**" provided by Zoom video communications. This qualification program has been formulated and is governed by Zoom video communications.
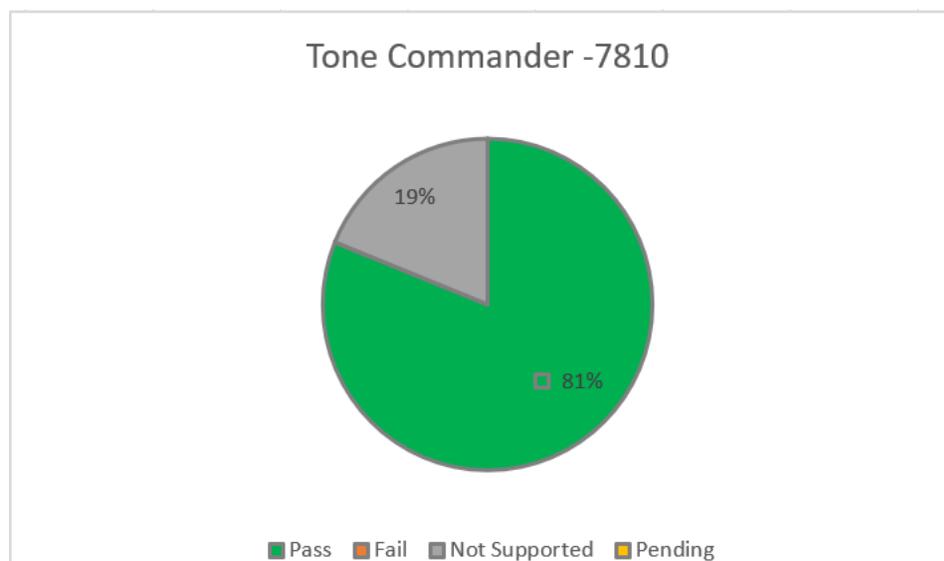- All the results are documented in this report.

4   Test Summary

Overall Scenarios

tatus	Tone Commander -7810
Pass	43
Fail	0
Not Supported	10
Pending	0

Observations:

1. Zoom.ZP. Generic.CFlip.2- Call Flip: Make/receive call, then Hold Call on Win/Mac client, pickup on hard phone.
    [Wipro] Other/generic" devices we only support 1 ext line. And this feature will be implemented in future user.
2. Zoom.ZP. Generic.SharedLine.1- Shared Line Appearance/SLA: Boss call out, sect shown On a Call, and vice-versa.
    [Wipro] "Other/generic" devices we only support 1 ext line. And this feature will be implemented in future.

5   Test Results

Tone Commander -7810

19%

81%

■ Pass ■ Fail ■ Not Supported ■ Pending

Not Supported: 10

Req	Test Case Title	Status	Comment
Zoom.ZP.Generic.Reg.4	Adding mutiple users/extensions (if applicable)	**Not Supported**	This device type supports up to 1 assignee.
Zoom.ZP.Generic.CFlip.2	Call Flip: Make/receive call, then Hold Call on Win/Mac client, pickup on hard phone.	**Not Supported**	"Other/generic" devices we only support 1 ext line. And this feature will be implemented in future
Zoom.ZP.Generic.CFlip.4	Call Flip: Make/receive call, then Hold Call on mobile client, pickup on hard phone.	**Not Supported**	"Other/generic" devices we only support 1 ext line. And this feature will be implemented in future
Zoom.ZP.Generic.SharedLine.1	Shared Line Appearance/SLA: Boss call out, sect shown On a Call, and vice-versa.	**Not Supported**	"Other/generic" devices we only support 1 ext line. And this feature will be implemented in future
Zoom.ZP.Generic.SharedLine.2	Shared Line Appearance/SLA: incoming call, boss put call onhold, sect can pickup. Vice versa.	**Not Supported**	"Other/generic" devices we only support 1 ext line. And this feature will be implemented in future
Zoom.ZP.Generic.SharedLine.3	Shared Line Appearance/SLA: boss or sect can barge-in an SLA call.	**Not Supported**	"Other/generic" devices we only support 1 ext line. And this feature will be implemented in future
Zoom.ZP.Generic.AES256.1	Test device inbound call for AEAD AES 256 GCM support.	**Not Supported**	Its supporting AES_CM_128_HMAC_SHA1_32 excepting AES_CM_256.Cutomer updated that AES 256 is not required for a phone device
Zoom.ZP.Generic.AES256.2	Test device inbound call for AEAD AES 256 GCM support.	**Not Supported**	Its supporting AES_CM_128_HMAC_SHA1_32 excepting AES_CM_256.Cutomer updated that AES 256 is not required for a phone device
Zoom.ZP.Generic.AES256.3	Test device inbound call for AES 256 CM HMAC SHA1 80 support.	**Not Supported**	Its supporting AES_CM_128_HMAC_SHA1_32 excepting AES_CM_256.Cutomer

			updated that AES 256 is not required for a phone device
Zoom.ZP.Generic.AES256.4	Test device inbound call for AES 256 CM HMAC SHA1 80 support.	**Not Supported**	Its supporting AES_CM_128_HMAC_SHA1_32 excepting AES_CM_256.Cutomer updated that AES 256 is not required for a phone device

Pass: 43

Req	Test Case Title	Status
Zoom.ZP.Generic.Network.2	DNS Server and Query Response	**Pass**
Zoom.ZP.Generic.Network.3	Time Server and Time Offset (if applicable)	**Pass**
Zoom.ZP.Generic.Reg.1	SIP registration using Configuration Files from HTTP/TFTP server	**Pass**
Zoom.ZP.Generic.Reg.2	Generic SIP manual registration (if applicable)	**Pass**
Zoom.ZP.Generic.Reg.3	Register expiry timer refresh	**Pass**
Zoom.ZP.Generic.Reg.5	Negative Testing: Network failure re-register recovery	**Pass**
Zoom.ZP.Generic.Basic.1	Opus code negotiation	**Pass**
Zoom.ZP.Generic.Basic.2	Extension to Extension Call	**Pass**
Zoom.ZP.Generic.Basic.3	Inbound PSTN Call	**Pass**
Zoom.ZP.Generic.Basic.4	Outbound PSTN call	**Pass**
Zoom.ZP.Generic.Basic.5	Hold/Resume Inbound PSTN	**Pass**
Zoom.ZP.Generic.Basic.6	Hold/Resume Outbound PSTN	**Pass**
Zoom.ZP.Generic.Basic.7	Long duration call	**Pass**
Zoom.ZP.Generic.Basic.8	Outbound PSTN to a invalid/non-exsitent number	**Pass**
Zoom.ZP.Generic.Basic.9	Outbound PSTN to a busy number.	**Pass**
Zoom.ZP.Generic.Basic.10	SIP Session Timer	**Pass**
Zoom.ZP.Generic.Basic.11	SIP Session Timer Refresh methods (outbound call)	**Pass**
Zoom.ZP.Generic.Basic.12	SIP Session Timer Refresh methods (inbound call)	**Pass**
Zoom.ZP.Generic.Basic.13	Call Waiting (if applicable)	**Pass**
Zoom.ZP.Generic.Basic.14	Answer back to back inbound calls	**Pass**
Zoom.ZP.Generic.DND.1	DUT set to Do Not Disturb, inbound PSTN call. (If applicable)	**Pass**
Zoom.ZP.Generic.CFwd.1	Call Forward Always	**Pass**
Zoom.ZP.Generic.CFwd.2	Call Forward No Answer	**Pass**
Zoom.ZP.Generic.CFwd.3	Call Forward Busy	**Pass**
Zoom.ZP.Generic.Xfer.1	Blind/Cold Transfer	**Pass**
Zoom.ZP.Generic.Xfer.2	Consultative/Warm Transfer	**Pass**
Zoom.ZP.Generic.VM.1	Call VM (*86)	**Pass**
Zoom.ZP.Generic.VM.2	Test MWI (If applicable)	**Pass**

Internal - General Use

Zoom.ZP.Generic.VM.3	Wait time before cover to VM	Pass
Zoom.ZP.Generic.CHis.1	Local Call History	Pass
Zoom.ZP.Generic.CFlip.1	Call Flip: Make/receive call, then Hold Call on hard phone, pickup on Win/Mac client.	Pass
Zoom.ZP.Generic.CFlip.3	Call Flip: Make/receive call, then Hold Call on hard phone, pickup on mobile client.	Pass
Zoom.ZP.Generic.AR.1	Call AR's DID.	Pass
Zoom.ZP.Generic.SyncCallStatus.1	Sync in-call status with Zoom Desktop Client and Mobile App	Pass
Zoom.ZP.Generic.CallPark.1	Call Park: Park Initiation with location number.	Pass
Zoom.ZP.Generic.CallPark.2	Call Park: Park failed.	Pass
Zoom.ZP.Generic.CallPark.3	Call Park: Test Call Recording should stop when Parked.	Pass
Zoom.ZP.Generic.CallPark.4	Call Park: test parked call time out when parking.	Pass
Zoom.ZP.Generic.CallPark.5	Call Park: Resume/Pickup	Pass
Zoom.ZP.Generic.Conf.1	Inbound PSTN call, conf with 3rd Zoom user	Pass
Zoom.ZP.Generic.Conf.2	Outbound PSTN, conf with 3rd Zoom user	Pass
Zoom.ZP.Generic.Conf.3	Zoom A call Zoom B, then conf PSTN dest. C	Pass
Zoom.ZP.Generic.Conf.4	Zoom A, call PSTN B, then A conf PSTN C.	Pass

6   Conclusion

For the service provider partner **Tone commander,** the Zoom phone test pass has been completed successfully on ZoomGov domain. Wipro team executed all the tests in the topology approved by Zoom.

Wipro team thanks the Zoom Partners Engineering group and Tone Commander for the support extended during the test pass and look forward to conducting more qualification tests in future.

7   References

Ver6.1.1_ZoomPhone Certification Test (Generic SIP Device)"

Reviewed by:
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