360AP Poly TraceCapture

Test Plan Name: TAP_Poly_TraceCapture_TestCases

Introduction

➢ This test plan outlines the procedures for Poly Trace Capture testing. It involves making test calls between Poly phones using the Tekvizion Automation Platform to capture and validate packets, including SIP messages, SDP, UDP, TCP, 180 Ringing, and RTP. To effectively utilize this test plan, the following steps must be adhered to:

Prerequisites:

➢ The Test Plan Required minimum of **3 Poly phones**.
➢ The Poly phones must have a minimum firmware version of 5.9.0 or higher to be compatible with the 360 Automation Platform.

➢ "**Digimap**" should be configured in Poly phone as below.
⇨ *[2-9]11|0T|011xxx.T|[0-1][2-9]xxxxxxxxx|[2-9]xxxxxxxxx|[2-9]xxxT|*xx|+x.T|*xx.T*
⇨ *Login to Poly phone-> Settings-> SIP-> Voice-> Ext1 -> Dial Plan.*
➢ The "**Phone State Polling**" username and password should match the username and password configured in the TAP phone manager.
➢ Licensed Poly phones should be added by utilizing the "Add Phone(s)" button. In the "Add Phone" dialog, enter the details as follows:
  i. *Provide a **Phone Name** for the phone.*
  ii. *Select the **vendor** for the phone from the dropdown.*
  iii. *Enter the Username, Password, and IPv4 Address for the phone.*
  iv. *Enter the Remote Capture Username, Remote Capture Password, Remote Capture TLS Port, and Remote Capture Interface.*
  v. *Enter the Line Number, Extension, DID, E164, and Uri.*
  vi. *Click 'Create'.*
➢ "**Auto Answer**" should be disabled for all the respective Poly phones.
➢ **Default Transfer Type** should be "Consultive".
➢ **Rest API** should be enabled.
➢ **Feature Access Codes** should work for all the Poly phones to test the features below.
  i. *Call Forward Always (Activate -*72, Deactivate-*73)*
  ii. *Do not disturb (Activate -*78, Deactivate-*79).*

➤ To validate **Trace Capture**, the parameters below should be configured in the cfg file for both the Poly 'Dut' and 'A' phones.
- **diags.pcap.enabled="1"**
- **diags.pcap.remote.enabled="1"**

Broadworks Services:

➤ In accordance with the **Test Plan**, the following BroadWorks services must be enabled for the corresponding Poly phone variables in order to conduct comprehensive testing.

Phone Variables	BWK Services
DUT	1. Calling Name Delivery 2. Calling Number Delivery 3. Call Waiting 4. Call Transfer 5. Call Forwarding Always 6. Do Not Disturb
A	1. Calling Name Delivery 2. Calling Number Delivery 3. Call Waiting 4. Call Transfer 5. Call Forwarding Always 6. Do Not Disturb
B	1. Calling Name Delivery 2. Calling Number Delivery 3. Call Waiting,