360AP CISCO MPP TraceCapture

Test Plan Name: CiscoMPP_TraceCapture_TestCases

Introduction

➢ This test plan outlines the procedures for Cisco Trace Capture testing. It involves making test calls between Cisco MPP 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 MPP phones**.
➢ The minimum software version on the MPP phones for use with the 360 Automation Platform is **11.3.1 and higher**.

➢ "**Dial Plan**" should be configured in MPP phone as below.
   ⇨ *(*xx|[3469]11|0|00|[2-9]xxxxxx|1xxx[2-9]xxxxxxS0|xxxxxxxxxxxx.)*
   ⇨ *Login to MPP phone-> Admin-> Advanced-> Voice-> Ext1 -> Dial Plan.*

➢ "**Auto Answer**" should be disabled for all the respective MPP phones.

➢ **WebSocket connection** should be established between **tap and MPP phone**. (This applies for all available phones. Refer **"360 Automation Platform Prerequisites Document -> Section No. 2.Prerequisites on MPP -> Pg No.2")**
   i.   *Access the phone Web UI: /admin/advanced.*
   ii. *Navigate to Voice-> Phone-> WebSocket API fields a. Configure the Control Server URL to: ws://:80/onPOINTLink/sockserver b. Allowed APIs: .**
   iii. *Upon completing the aforementioned configuration, the respective MPP phones should be displayed in "Phone Manager" under "Unmanaged."*

➢ **Trace Capture** is enabled by default for Cisco MPP phones, requiring no additional actions to activate it.

➢ **Feature Access Codes** should work for all the MPP phones to test the features below.
  i. *Call Forward Always (Activate -*72, Deactivate-*73)*
  ii. *Do not disturb (Activate -*78, Deactivate-*79).*

Broadworks Services:

➢ In accordance with the **Test Plan**, the following BroadWorks services must be enabled for the corresponding Cisco MPP 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,