

TAP CISCO MPP Audio Call

Test Plan Name: **TAP_CiscoMPP_AudioCall_TestSuite**

Introduction

- This test plan pertains to Cisco regression testing of call features, with test calls conducted between Cisco MPP phones utilizing the Tekvizion Automation Platform. To use this test plan effectively, the following steps must be followed:

Prerequisites:

- The Test Plan Required minimum of **4 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/xxxxxxxxxxxxx.)
 - ⇒ 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"**)
 - Access the phone Web UI: /admin/advanced.
 - Navigate to Voice-> Phone-> WebSocket API fields a. Configure the Control Server URL to: ws://:80/onPOINTLink/sockserver b. Allowed APIs: .*
 - Upon completing the aforementioned configuration, the respective MPP phones should be displayed in "Phone Manager" under "Unmanaged."
- **Speed Dial** number should be configured in MPP phone. It can be configured in TAP as well as below. (Reference **"360 Automation Platform User Guide -> Section 7.11 Visual Device Management-> Pg No. 33"**)

⇒ *Navigate to Phone Manager on TAP->Click the ellipsis of the MPP phone -> Visual Device Management -> Speed Dial dropdown-> Enter the Extension/DID of 'a' variable-> Apply Changes.*

➤ **Feature Access Codes** should work for all the MPP phones to test the features below.

- i. *Call Park (*68) and Retrieve (*88).*
- ii. *Call Forward Always (Activate -*72, Deactivate-*73)*
- iii. *Call Forward Busy (Activate -*90, Deactivate-*91)*
- iv. *Call Forward NoAnswer (Activate -*92, Deactivate-*93)*
- v. *Redial (*66).*
- vi. *Return (*69).*
- vii. *Cancel Call Waiting (*70).*
- viii. *Do not disturb (Activate -*78, Deactivate-*79).*
- ix. *Call Pickup (*98).*

➤ **Call Pickup** should be configured as below.

- i. *In BWKS Navigate to Enterprise/Service provider user group*
- ii. *Services >> call pickup >> Add >> Group Name>> Search User >> Add >> ok.*
- iii. *Assign the Call pickup service to variable phone A and B as per the test Plan.*

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	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Three-Way Call4. Call Waiting5. Call Transfer6. Call Forwarding Busy7. Call Forwarding Always8. Call Forwarding No Answer9. Do Not Disturb10. Last Number Redial11. Anonymous Call Rejection.
A	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Three-Way Call4. Call Waiting5. Call Transfer6. Call Forwarding Busy7. Call Forwarding Always8. Call Forwarding No Answer9. Do Not Disturb10. Call Return11. Call Pickup.
B	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Three-Way Call4. Call Waiting5. Call Pickup
C	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Call Waiting.