

360AP CISCO MPP Regression

Test Plan Name: **CiscoMPP_AudioCall_TestCases**

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**.
- The following "Dial Plan" is used to operate for this test plan.
 - ⇒ *Ensure your dial plan supports FAC dialing (Feature Access code), extension dialing, 10-digit calling, and country code with 10-digit calling.*
 - ⇒ *(*xx|[3469]11|0|00|[2-9]xxxxxx|1xxx[2-9]xxxxxxS0|xxxxxxxxxxx.) – This Dial plan works for US region*
 - ⇒ *Login to MPP phone-> Admin-> Advanced-> Voice-> Ext1 -> Dial Plan.*
- **"Auto Answer"** should be disabled for all the respective MPP phones.
- **Cisco MPP phones should be configured with the WebSocket URL pointing to TAP to establish the connection.** (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 above mentioned 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	1. Calling Name Delivery 2. Calling Number Delivery 3. Three-Way Call 4. Call Waiting 5. Call Transfer 6. Call Forwarding Busy 7. Call Forwarding Always 8. Call Forwarding No Answer 9. Do Not Disturb

	10. Last Number Redial 11. Anonymous Call Rejection.
A	1. Calling Name Delivery 2. Calling Number Delivery 3. Three-Way Call 4. Call Waiting 5. Call Transfer 6. Call Forwarding Busy 7. Call Forwarding Always 8. Call Forwarding No Answer 9. Do Not Disturb 10. Call Return 11. Call Pickup.
B	1. Calling Name Delivery 2. Calling Number Delivery 3. Three-Way Call 4. Call Waiting 5. Call Pickup 6. Call Transfer
C	1. Calling Name Delivery 2. Calling Number Delivery 3. Call Waiting.