

360AP Yealink Regression

Test Plan Name: **TAP_Yealink_AudioCall_TestCases**

Introduction

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

Prerequisites:

- The Test Plan Required a minimum of **4 Yealink phones**.
- The Yealink phones must have a minimum firmware version of **V85 or higher** to be compatible with the 360 Automation Platform.
- **“Action URLs”** should be configured as below.
 - i. Access the Yealink phone through its web interface.
 - ii. Navigate to Features-> Action URL.
 - iii. Provision the events to send to the 360 Automation Platform with the URLs. (Refer **“360 Automation Platform Prerequisites Document -> Section No. 4.3 Provision the Action URL”**)
- Licensed Yealink 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 Line Number, Extension, DID, E164, and Uri.
 - v. Click 'Create'.
- **“Auto Answer”** should be disabled for all the respective Yealink phones.
- **Feature Access Codes** should work for all the Yealink 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.*
- **Busy Lamp Field** should be enabled for 'B' users in broadworks and assign the DUT user to perform BLF validation.
 - ⇒ System->Profile->Users->Enter the 'B' user DID details->Click search->Click on user ID->Assign services->Assign Busy Lamp Field->Client Applications->Busy Lamp Field-> need enable the call part notification-> Add the DUT user (For BLF monitoring).
 - ⇒ The following parameter should be uploaded to the Yealink phone using a "cfg" file
Ex: attendant.uri=BLF**@iopas.tekvizion.com**
- The **Share Line** configuration should be set up for User A in BroadWorks, and the provided shared line URI should be configured on Line 2 of both User A's and User B's phones.
 - ⇒ System->Profile->Users->Enter the 'A' user DID details->Click search->Click on user ID->Assign services->Assign Shared Call Appearance->Client Applications->Shared Call Appearance->Add->Select the Profile Name-> Provide LinePort number->Select the SIP uri domain-> Select all the check boxes -> Ok.
 - ⇒ Login to the Yealink phones of User A and User B, and follow the path below for configuration.
Path: server1->need to select TCPonly and save the changes and check in utilities that shared line is added or not.

Broadworks_Services:

- In accordance with the **Test Plan**, the following BroadWorks services must be enabled for the corresponding Yealink 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.12. Shared line.
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.12. Busy Lamp Field.13. Shared line.
B	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Three-Way Call4. Call Waiting5. Busy Lamp Field.6. Shared line.7. Call Pickup
C	<ol style="list-style-type: none">1. Calling Name Delivery2. Calling Number Delivery3. Call Waiting.