360AP Poly Audio Call

Test Plan Name: TAP_Poly_AudioCall_TestCases

Introduction

➢ This test plan pertains to Poly regression testing of call features, with test calls conducted between Poly 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 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 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)*

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     v.   Redial (*66).

     vi.   Return (*69).

     vii.   Cancel Call Waiting (*70).

     viii.   Do not disturb (Activate -*78, Deactivate-*79).

     ix.   Call Pickup (*98).

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- **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 Poly 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 Poly 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 Poly phone variables in order to conduct comprehensive testing.

Phone Variables	BWK Services
	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
DUT	11. Anonymous Call Rejection.

	12. Shared line.
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. 12. Busy Lamp Field. 13. Shared line. 14. Hunt Group
B	1. Calling Name Delivery 2. Calling Number Delivery 3. Three-Way Call 4. Call Waiting 5. Busy Lamp Field. 6. Shared line. 7. Call Pickup 8. Hunt Group
C	1. Calling Name Delivery 2. Calling Number Delivery 3. Call Waiting.

Recommendations for Test Cases:

➢ In accordance with the Test Plan, the following details must be hard-coded for the corresponding test cases to ensure comprehensive testing

Test Case ID	Hard Code Value Details
tekV-BLF-Poly-001	For this test case, To validate the BLF state of the DUT, the DUT display name must be provided on Line Number 3 of the "b" phone, where "b" is the BLF monitoring phone for the DUT.
tekV-BLF-Poly-002	For this test case, to validate the BLF state of the DUT on the "b" phone, the DUT display name must be provided in Line Numbers 5, 7, 12, 13, 15, 24, and 25. where "b" is the BLF monitoring phone for the DUT.
tekV-BLF-Poly-003	For this test case, to validate the BLF state of the DUT on the "b" phone, the DUT display name must be provided in Line Numbers 3, where "b" is the BLF monitoring phone for the DUT.
tekV-BLF-Poly-004	For this test case, to validate the BLF Presence of the DUT on the "b" phone, the DUT display name must be provided in Line Numbers 3 . where "b" is the BLF monitoring phone for the DUT.