

# 360AP Yealink TraceCapture

Test Plan Name: **TAP\_Yealink\_TraceCapture\_TestCases**

## Introduction

- This test plan outlines the procedures for Yealink Trace Capture testing. It involves making test calls between Yealink 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 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 Forward Always (Activate -\*72, Deactivate-\*73)*
  - ii. *Do not disturb (Activate -\*78, Deactivate-\*79).*
- To validate **Trace Capture**, the parameters below should be configured in the cfg file for both the Yealink 'Dut' and 'A' phones.
  - **diags.pcap.enabled="1"**

- **diags.pcap.remote.enabled="1"**

## 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"> <li>1. Calling Name Delivery</li> <li>2. Calling Number Delivery</li> <li>3. Call Waiting</li> <li>4. Call Transfer</li> <li>5. Call Forwarding Always</li> <li>6. Do Not Disturb</li> </ol>
A	<ol style="list-style-type: none"> <li>1. Calling Name Delivery</li> <li>2. Calling Number Delivery</li> <li>3. Call Waiting</li> <li>4. Call Transfer</li> <li>5. Call Forwarding Always</li> <li>6. Do Not Disturb</li> </ol>
B	<ol style="list-style-type: none"> <li>1. Calling Name Delivery</li> <li>2. Calling Number Delivery</li> <li>3. Call Waiting,</li> </ol>