zoomphone

Configuration Guide for Fanvil i1x Generic SIP Endpoints

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Revision History

Version	Date	Author	Change
1.0	23 Dec. 2022	Fanvil	Create configuration guide for Fanvil i1x

1.Overview

This section provides an overview for this document. This document provides instructions on how to configure and add your device to the Zoom Web Portal.

Fanvil i1x SIP Endpoints can register to Zoom Phone as a third-party SIP Endpoint and provide Telephony features and capability such as calling, paging and other phone system/PBX functions.

This configuration guidance is for Fanvil i1x (version:2.4.8 and above).

2.Configuration Steps - Zoom Web Portal

This section provides instructions on how to configure SIP Endpoint in Zoom Web Portal (does not include steps for configuring Fanvil i1x Endpoint)
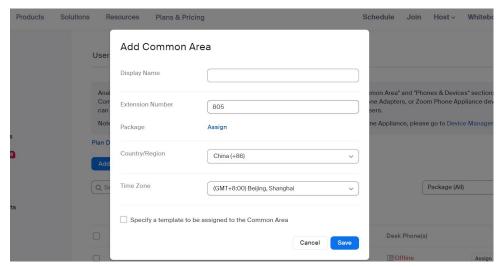
Prerequisites:
 • Zoom Phone account: a valid Zoom Phone subscription is required in order to assign an Fanvil i1x endpoint.
 • Zoom approval for provisioning of Fanvil i1x as Generic SIP devices. Administrators should contact Zoom Account Executive to start an approval process.

To register a SIP Endpoint to Zoom Phone, please start with creating a new common area phone in the Zoom Web Portal. For more information, please refer to the Zoom support site.
1. **Sign in** at the Zoom Web Portal
2. Click **Phone system management** > **Users & Rooms**
3. Click the **Common Area Phones** tab
4. Click **Add** and enter the following information
    a. **Display Name**: Enter a display name to identify the device
    b. **Extension Number**: Enter an extension number to assign it to the device
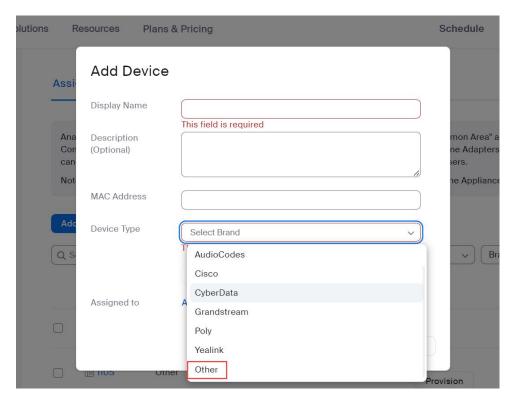   c. **Package**: Assign your device to a calling plan

5. Click **Save**
6. At this point, navigate to **Phone System Management → Phones & Devices** tab
7. Press **Add** and enter the following information
   a. **Site**(only visible if you have multiple sites): Select the site you want the device to belong to
   b. **Display Name**: Enter a display name to identify the device
   c. **Description**(optional): Enter a description to help you identify the location of the device
   d. **MAC Address**: Enter the 12-digit MAC address of the Endpoint. The MAC can be found on the product label
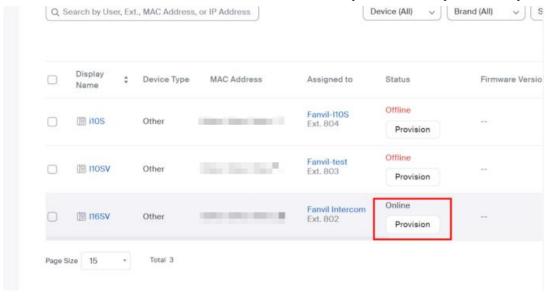   e. **Device Type**: Select **Other**
      Note: If you don't have the Other option, contact your Zoom sales representative. By default, supporting a generic SIP profile is not enabled
   f. **Emergency Address**(only visible if you don't have multiple sites): Select an emergency address to assign to the desk phone.
   g. **Assigned to**: choose a common area you want the device to belong to
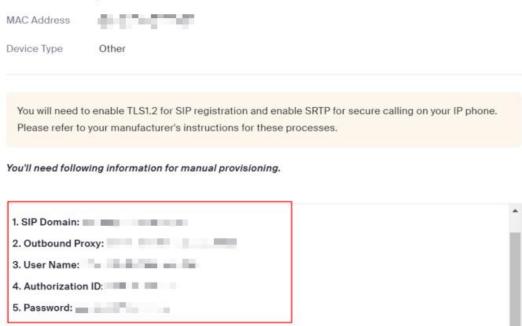8. Click **Save**

9. Click **Provision** to view the SIP credentials. It's required to complete the provisioning:
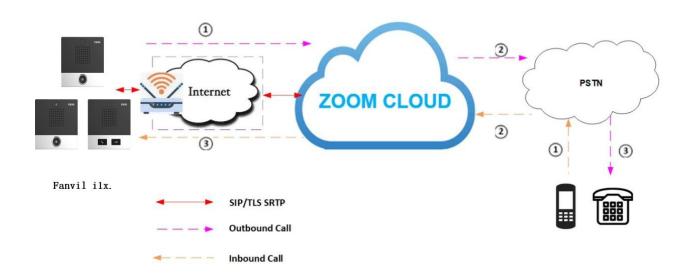
3. Configuration Steps – Fanvil i1x Endpoint

This section provides instructions on how to configure Fanvil i1x SIP Endpoint (does not include steps for configuring in Zoom Web Portal)

1. Topology diagram:

2. Collect IP address of Fanvil i1x:

Press and hold the speed dial button for 3 seconds, wait for the loudspeaker to beep quickly. Press the speed dial button three times within 5 seconds, and the system will automatically announce the IP address by voice after successfully switching to dynamic IP (Refer User manual in https://www.fanvil.com/service/doc/file/p0/sipdj/i16si16sv/index.html)

3. Input SIP credentials for Fanvil i1x via Web UI interface
   a. Tap the IP address (step 2) in the browser address bar and then press Enter. Input default username (**admin**) and password (**admin**) then click Login
   b. Navigate to Line -> SIP. Under SIP1, please ensure the below parameters are set;
   Line: **SIP 1**
   Activate: **Enable**
   Authentication User: input **Authorization ID** (SIP credential in 2.9)
   Authentication Password: input **Password** (SIP credential in 2.9)
   User Name: input **Username** (SIP credential in 2.9)
   Display Name: input preferred name (example: Zoom)
   In SIP server 1:
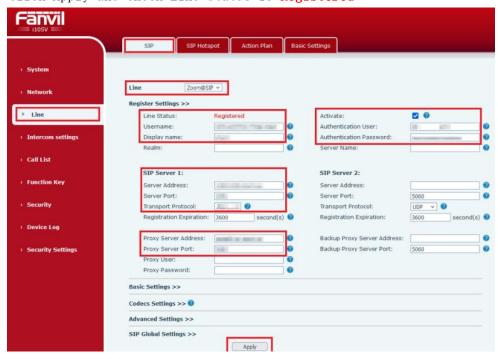   Server Address: input **SIP Domain** (SIP credential in 2.9)
   Server Port: **5091**
   Transport protocol: **TLS**
   Proxy Server Address: input **Outbound Proxy** remove port (SIP credential in 2.9)
   Proxy Server Port: **5091**
   c. Click Apply and check Line Status is **Registered**

4. Setting the Speed Dial Function Key - Single button

Once the intercom is registered with Zoom, the "Speed Dial" function key will need to be set for the intercom to call a number when the front Call Button was pressed. This number can be either a direct extension, ring group/call queue, or a direct phone number.

 a. After Logging into the intercom, go to the Function Key Tab.

 b. Ensure the below parameters are set in the DSSKEY1 option:

Type: **Memory Key**

Value: the **extension** you want the intercom to call.

Subtype: **Speed Dial**

Line: choose the **ZOOM registered** SIP line.

4. Troubleshooting

1. For i16x latest firmware, Quick Installation Guide, User Manual,
Datasheet: https://www.fanvil.com/service/doc/file/p0/sipdj/i16si16sv/index.html
2. For i10x latest firmware, Quick Installation Guide, User Manual,
Datasheet: https://www.fanvil.com/service/doc/file/p0/sipdj/i10si10svi10sd/index.html

5. FAQ

For FAQ: https://www.fanvil.com/service/help/faq/security%20products-basic%20function/index.html

6. Resources

For contacting Fanvil technical support team, please send emails to support@fanvil.com or log in to the Fanvil ticket system https://www.fanvil.com/service/help/question.html , where our team is 24hrs fast reply during work days