Yealink device management platform enables administrators to effortlessly and effectively configure and update Yealink Skype for Business HD T4XS IP phones that are deployed in the same enterprise.

### Hardware and Software Recommendations

<table>
<thead>
<tr>
<th>Hardware or Software</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPU</td>
<td>Intel Xeon Processor E5-2620V4, four cores, 2.1GHz or higher</td>
</tr>
<tr>
<td>RAM</td>
<td>8GB or higher</td>
</tr>
<tr>
<td>Hard Drive Space</td>
<td>250GB or higher</td>
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<tr>
<td>Linux</td>
<td>CentOS 7.0 or later</td>
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</tbody>
</table>

### Installation

Users should pay attention to the following points before installation:

- The Yealink device management platform application is saved at the path `/usr/local`.
- Log into CentOS as the `root` user.
The installation of 1.0.0.25 version is introduced as an example.

<table>
<thead>
<tr>
<th>Step</th>
<th>Operation</th>
<th>Expected Result or Other Related Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Run the <code>cd /usr/local</code> command.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Run the <code>tar -zxvf DeviceManagement_1.0.0.25.tar.gz</code> command.</td>
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<tr>
<td>3</td>
<td>Run the <code>cd /usr/local/dm_install</code> command.</td>
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<tr>
<td>4</td>
<td>Run the <code>./install.sh install</code> command.</td>
<td>After you finish the installation, it will prompt “Install Success!!!”. And the folder named “yealink” appears at the path <code>/usr/local</code>.</td>
</tr>
<tr>
<td>5</td>
<td>Run the <code>cd /usr/local/yealink/dm/tomcat_dm/webapps/ROOT/initData</code> command.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Run the <code>vi dm.cfg</code> command.</td>
<td>Change the IP address in the <code>dm.server.url</code> and <code>troubleshooting.url</code> for the Yealink device management platform’s IP address.</td>
</tr>
<tr>
<td>7</td>
<td>Run the <code>cd /usr/local/yealink/dm/tomcat_dm/webapps/ROOT/WEB-INF/classes/config/product/</code> command.</td>
<td>Run the <code>vi application.properties</code> command.</td>
</tr>
<tr>
<td>8</td>
<td>Run the <code>:wq</code> command.</td>
<td>Change the IP address in the <code>system.domain.prefix</code> and <code>config.download.url.prefix</code> for the Yealink device management platform’s IP address.</td>
</tr>
<tr>
<td>9</td>
<td>Run the <code>cd /usr/local/yealink/dm/tomcat_dm/webapps/ROOT/WEB-INF/classes/config/product/</code> command.</td>
<td>Run the <code>systemctl restart tomcat_dm</code> command.</td>
</tr>
<tr>
<td>10</td>
<td>Run the <code>vi application.properties</code> command.</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Change the IP address in the <code>system.domain.prefix</code> and <code>config.download.url.prefix</code> for the Yealink device management platform’s IP address.</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Run the <code>:wq</code> command.</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Run the <code>systemctl restart tomcat_dm</code> command.</td>
<td></td>
</tr>
</tbody>
</table>
Login

1. Open your Web browser.
2. Enter https://<IP address>:<18443>/ (for example: https://10.2.62.12:18443/) in the address box, and press Enter.
Deploying the IP Phones

1. You plug the IP phones into the network.
2. The IP phones perform mutual TLS authentication using default certificates.
3. The IP phones obtain the provisioning server address from the DHCP option 66, 43, 160 or 161.
   The DHCP option value must meet one of the following format:
   - `http://<IP address>:<28080>/api/v1/getDmConfigFile.cfg` (for example: `http://10.2.62.12:28080/api/v1/getDmConfigFile.cfg`)
   - `https://<IP address>:<28443>/api/v1/getDmConfigFile.cfg` (for example: `https://10.2.62.12:28443/api/v1/getDmConfigFile.cfg`)

After you finish the deployment, the IP phones will connect to the Yealink device management platform, and then the IP phones will display in the All devices list.
Device Management

※ Editing Devices
Adding and Updating Configuration Files

1. Template management
2. Add template
3. Template name: T48S
   - Template Name: 72450
   - Device Type: SIP-T41S
   - Template Description: Test
4. Notice: The template is generated successfully! Will you update the devices immediately?
5. Save
6. Update
7. Update configuration file
8. Device update configuration file
   - Executive mode: At once
9. OK

One device type has only one template.
Managing Sub-administrators

There are two types of administrators: system administrators and sub-administrators. If you are the system administrator, you can add sub-administrators.

※ Adding Sub-administrators

Monitoring Alarms

When the IP phones are in the abnormal status, they will send alarms to the platform and the system administrator will receive the email which includes the warning in critical or major severity.
Configuring the SMTP Mailbox of System Administrator

The SMTP mailbox is used to send the warning emails.

1. Mailbox setting
2. SMTP: mail.yealink.com
   - Sender: yang@yealink.com
   - Username: yl8888
   - Password: *********
   - Port: 587
   - Enable the mailbox
3. Test mailbox settings

(Optional) Enter the email address of the recipient to test whether the email address you set is available.
※ Editing the Mailbox of System Administrator

The mailbox is used to receive the warning emails.

※ Viewing Alarms
You can view the warning information from the warning list.
You can also click 🔄 to view the description of alarm or click 🔄 to enter the Device diagnostic page of device.

More Information

For more information about using the Yealink device management platform, please refer to http://support.yealink.com/.