



Yealink Device Management Platform Quick Start Guide

Applies to version 3.3.0.0 or later

Overview

Yealink Device Management Platform (YDMP) allows administrators to realize centralized management for Yealink IP phones, Skype for Business HD T4XS IP phones, video conferencing systems, MVC series and others in the same enterprise.

Getting Started

Hardware and Software Requirements

Linux operating system: CentOS 7.5 or later.

Device Quantity	CPU	RAM	Hard Drive
0~6000	8-core	16G	There should be at least 200G partition used for installing the device management platform, and the capacity of the hard drive increases by 30G with every 1000 devices added.
6000~15000	16-core	32G	
15000~30000	32-core	64G	

Port Requirements

You need open four ports for YDMP: 443, 9989, 9090, and 80. We do not recommend that you modify those ports.

Updating YDMP

Before you begin

- Your hardware, software and ports should meet the requirements.
- Obtain the latest installation package of YDMP from the Yealink distributor or SE and then save it at the path /usr/local.

The following is an example of updating YDMP from V2.0.0.14 to V3.1.0.13.

Procedure

1. Log into CentOS as the root user and open the terminal.
2. Run the command below

```
cd /usr/local  
tar -zxf DM_3.1.0.13.tar.gz  
cd yealink_install&& tar -zxf install.tar.gz  
./upgrade_v2_to_v3.sh
```
3. According to the prompts, enter 1 (1 means updating).
4. According to the prompts, enter the server IP address and then enter Y to confirm the IP address.

YDMP will be updated to the corresponding version if it is updated successfully.

The following is an example of updating YDMP from V3.1.0.13 to V3.3.0.0, with the server IP address as 10.2.62.12.

Procedure

1. Log into CentOS as the root user and open the terminal.
2. Run the command below:

```
cd /usr/local  
rm -rf yealink_install  
tar -xvzf DM_3.3.0.0.tar.gz  
cd yealink_install&& tar -xvzf install.tar.gz  
./upgrade --host 10.2.62.12
```

YDMP will be updated to the corresponding version if it is updated successfully.

Installing YDMP

Before you begin

- One device running CentOS.
- Your hardware, software and ports should meet the requirements.
- Obtain the latest installation package of YDMP from the Yealink distributor or SE and then save it at the path /usr/local.

The following is an example of installing V3.1.0.13, with the server IP address 10.2.62.12.

Procedure

1. Log into CentOS as the root user and open the terminal.
2. Run the command below:

```
cd /usr/local  
tar -zxf DM_3.1.0.13.tar.gz  
cd yealink_install&& tar -zxf install.tar.gz  
./install --host 10.2.62.12
```

Note: When you install YDMP in version V3.3.0.0 or later for the first time, if your hardware does not meet the basic requirements for installing YDMP, your installation will be forbidden. Change your hardware and re-install YDMP according to the prompts.

Logging into YDMP

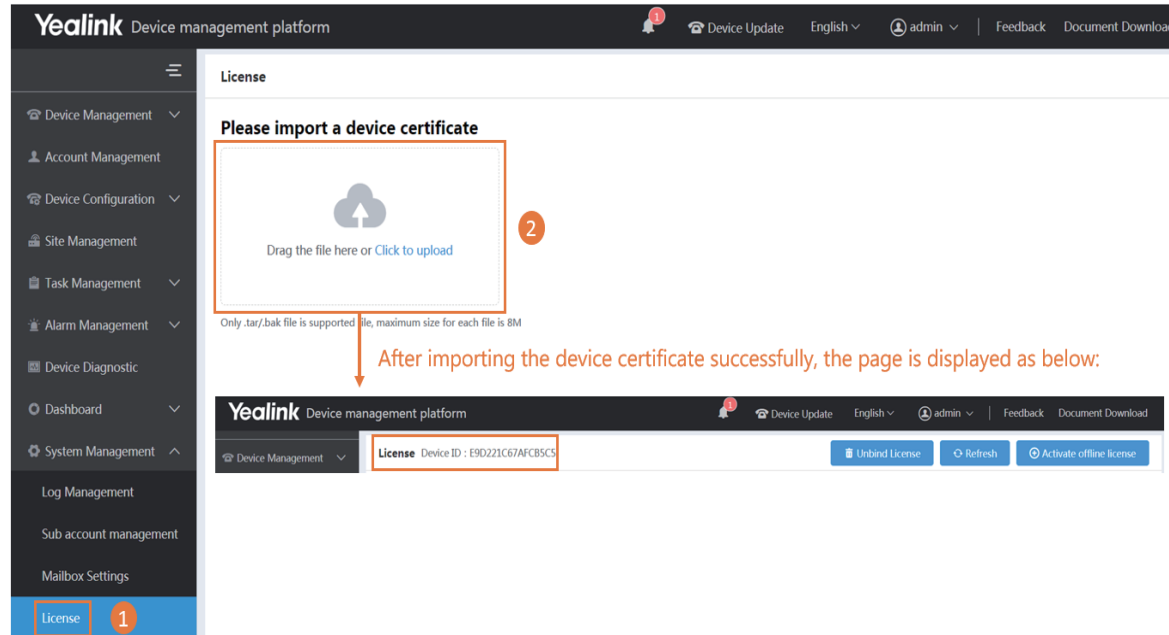
1. Open a web browser.
2. Enter **https://<IP address>/** (for example: https://10.2.62.12/) in the address box.
3. Optional: select a desired language.
4. Enter your username (default: admin) and the password (default: v123456789), and click **Login**.
5. If it is the first time you log into the platform, the system will remind you to change the password. After that, you can go to the Home page of YDMP.

Activating the License

After activating the license, you can manage your devices via YDMP.

Step1: Importing the Device Certificate

1. Obtain the device certificate from your service provider by submitting the company name, the distributor name and the country.
2. Follow the instructions in the picture below to upload the certificate.



Step2: Activating the License

1. You need purchase the corresponding service and obtain the authorization for the device management.
2. If the server can access the public network, you can activate the license online. Otherwise, you can activate the license offline.

✧ Online

The screenshot shows the 'License' section of the Yealink Device management platform. The 'License' tab is selected (1). The 'Refresh' button is highlighted (2). A table lists the license details:

License ID	Status	Mode	Licenses	Validity	Expiration Time	Activation Time
5d0d6c72e3084...	Activated	Online	1000	30days	2019/01/13 17:52:57	2018/12/14 17:52:57

An annotation points to the 'Refresh' button: "After refreshing, the device license is displayed in the list."

✧ Offline

The screenshot shows the 'License' section of the Yealink Device management platform. The 'Activate offline license' button is highlighted (1). An 'Export' button is highlighted (3). A modal window titled 'Activate offline license' is open, showing a file upload area with a cloud icon and the text 'Drag the file here or Click to upload'. An annotation points to the 'Export' button: "Send the exported license application to Yealink to get the license." Another annotation points to the upload area: "Upload the license." The 'Activation Time' is highlighted (2).

Deploying the SIP Device

1. Connect the device to the network.
2. The device and the server perform mutual TLS authentication using default certificates.
3. Obtain the server address:
 - With a running provisioning server, you need to configure the corresponding Common.cfg file (for example, <y0000000000xx>.cfg).
In the corresponding Common.cfg file, do the following:
 - ① If the firmware does not support YMDP, you need configure the parameters.
 - ② Configure the provisioning URL to connect the device to YDMP.
 - Without a running provisioning server, you can obtain the server address via the DHCP option 66, 43, 160 or 161.
The DHCP option value must meet this format: https://<IP address>/dm.cfg (for example: https://10.2.62.12/dm.cfg).

After you finish the deployment, the device will be connected to YDMP and be displayed in the Device List.

The screenshot displays the Yealink Device management platform interface. The top navigation bar includes the Yealink logo, a notification bell with 18 alerts, and links for Device Update, English, admin, Feedback, and Document Download. The left sidebar contains navigation options: Home, Device Management, Device List (highlighted), Firmware Management, Resource Management, Account Management, and Device Configuration. The main content area is titled 'SIP Device' and 'Room System'. It features a search bar, a table of devices, and action buttons like '+ Add Device', 'Import', 'Export', and 'Refresh'. The table has columns for MAC, Model, Device Name, IP, Firmware Version, Status, Site, Report Time, and Operation. A red box highlights the table content.

	MAC	Model	Device Name	IP	Firmware Version	Status	Site	Report Time	Operation
☐	805ec023fb35	SIP-T46S	1	10.81.18.4	66.84.0.10	Offline	技术支持...	2019/07/12 11:14:...	
☐	805ec03bc0c7	VP59(VCS)	2907	10.81.12.8	91.332.0.10	Offline	测试部123	2019/07/12 10:09:...	
☐	001565c2d749	SIP-T56A(...)	yl317@yealinksfbc...	10.81.4.79	55.9.250.22	Registered	亿联city	2019/07/12 09:16:...	
☐	001565b09d86	SIP-T27G	2122	10.81.6.36	69.84.0.60	Registered	亿联city	2019/07/12 09:16:...	

Deploying the MVC Series

On your MTouch, open Yealink Room Connect, go to **Remote Management**, and configure the related parameters. After that, the MVC series will be connected to YDMP automatically.

Managing the Configuration

※ Adding the Configuration Template

※ Configuring and Updating the Parameter to the Device

Step 1: click  to go to the Set Template Parameters page.

Step 2: Configure the parameters.

Set Template Parameters | T42G T

Account	Directory	Features	Network	Security	Settings
---------	-----------	----------	---------	----------	----------

Register

Account1

Server1 Transport Type

UDP

?

Server1 Expires

3600

?

Server1 Retry Counts

3

?

Server2 Transport Type

UDP

?

Server2 Expires

3600

?

Server2 Retry Counts

3

?

Outbound Proxy Server

Disabled

?

Outbound Proxy Server address1

?

Outbound Proxy Server port1

5060

?

Outbound Proxy Server address2

?

1 Configure the corresponding parameters.

Save

2 Cancel

Step3: Update the device configuration file immediately.

✓ Set successfully! ✕

Update the device configuration now?

Yes

No

Step 4: Push the parameters to update it.

Push to update the parameters

Please select a site ▼MAC/Device Name/Account Info

☒	MAC	Device Name	Account Info
☒	805ec023fb35	0002	0002

Selected Device : 1

MAC	Device Name	Account Info
805ec023fb35	0002	0002

1

2

Push to Update

Cancel

Step 5: Select the execution mode.

Please select the execution mode

Note: After update, device configuration file will be overwritten

1

Execution mode ☒ At once ☐ Timing

2

OK

Cancel

Setting the SMTP Mailbox

SMTP mailbox can be used to send the related information to the users or the administrators, such as the alarm and the account information.

Yealink Device management platform

Device Management Account Management Device Configuration Site Management Task Management Alarm Management Device Diagnostic Dashboard System Management Log Management Sub account management Mailbox Settings License

Mailbox Settings

*SMTP: exchange2013.yealinkuc.com

*Sender: liqj@yealinkuc.com

*Username: liqj@yealinkuc.com

*Password:

*Port: 587

☒ This server requires secure connections to the

TLS

☒ Enable the mailbox

Save Test email settings

(Optional) Enter an email address to test whether or not the email address you set is available.

Managing the Alarm

When the devices are abnormal, they will send alarms to the platform. You can solve the problem by managing the alarms.

Before you begin

You set the SMTP mailbox (on page 9).

✧ Editing the Mailbox

This mailbox is used for receiving the alarm and the account information.

Yealink Device management platform

Device Management Account Management

Mailbox Settings

Account Settings

Account Settings Privacy Policy Exit

Username : admin

Password : ***** [Edit](#)

Basic Settings

* Company name yealink

Phone number 12345678901

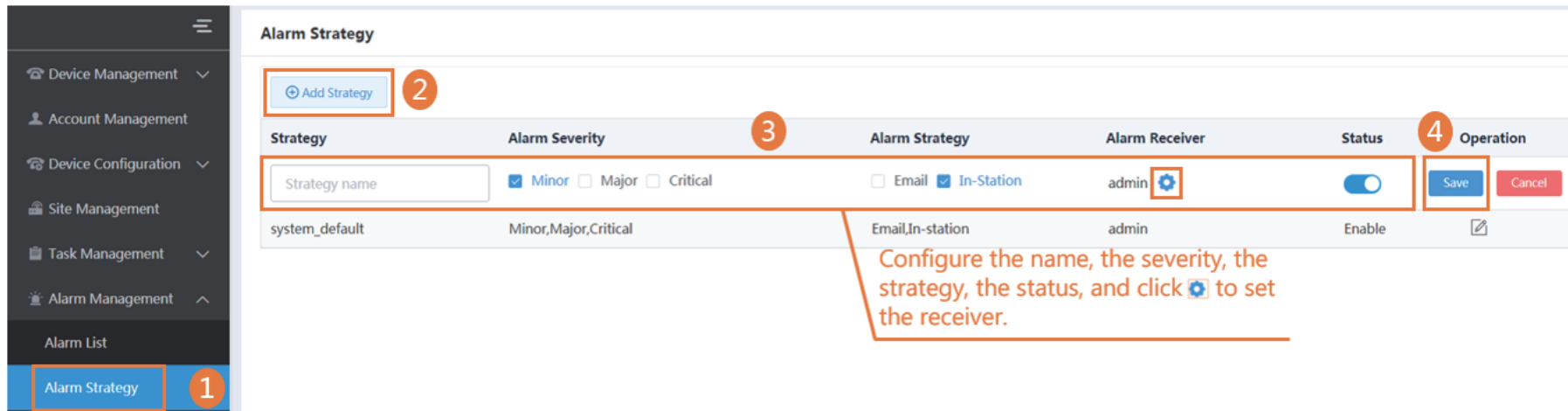
* Email admin@yealink.com

Office address Huli district, Xiamen, Fujian Provence

Country/Area China

3 Save Cancel

※ Adding the Alarm Strategy



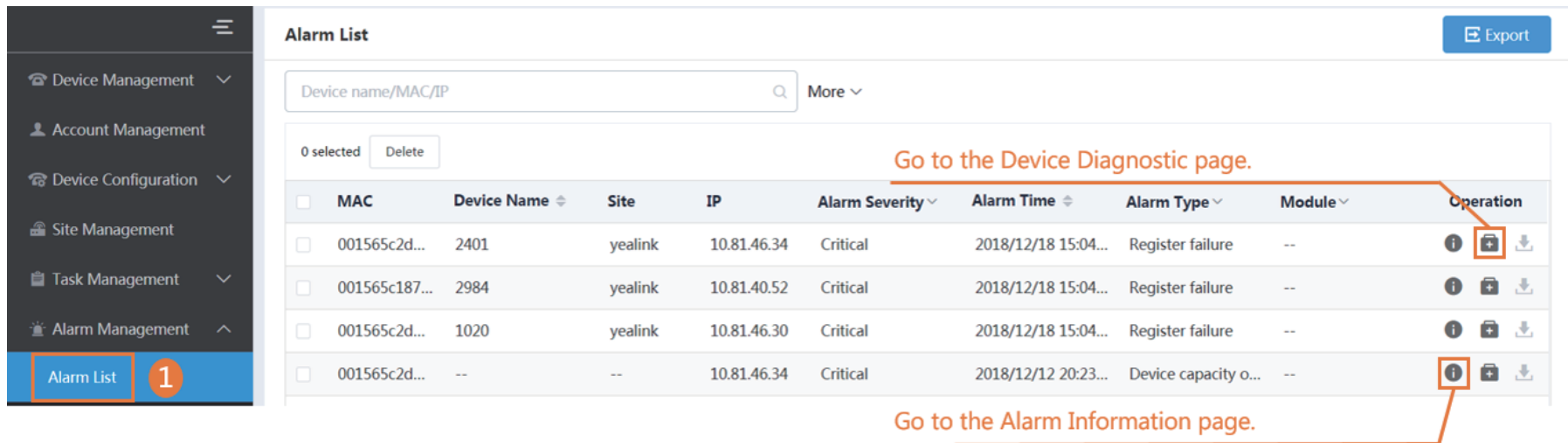
Alarm Strategy

[Add Strategy](#) (2)

Strategy	Alarm Severity	Alarm Strategy	Alarm Receiver	Status	Operation
Strategy name	☒ Minor ☐ Major ☐ Critical	☐ Email ☒ In-Station	admin	☒ Enable	Save Cancel
system_default	Minor, Major, Critical	Email, In-station	admin	Enable	

Configure the name, the severity, the strategy, the status, and click to set the receiver.

※ Viewing the Alarm



Alarm List [Export](#)

Device name/MAC/IP [More](#)

0 selected [Delete](#)

	MAC	Device Name	Site	IP	Alarm Severity	Alarm Time	Alarm Type	Module	Operation
☐	001565c2d...	2401	yealink	10.81.46.34	Critical	2018/12/18 15:04...	Register failure	--	
☐	001565c187...	2984	yealink	10.81.40.52	Critical	2018/12/18 15:04...	Register failure	--	
☐	001565c2d...	1020	yealink	10.81.46.30	Critical	2018/12/18 15:04...	Register failure	--	
☐	001565c2d...	--	--	10.81.46.34	Critical	2018/12/12 20:23...	Device capacity o...	--	

Go to the Device Diagnostic page.

Go to the Alarm Information page.

More Information

For more information about YDMP, refer to <http://support.yealink.com/>.