



Yealink Meeting Server Administrator Guide

Version 10.23.0.60
Jun.2018

Copyright

Copyright © 2018 YEALINK (XIAMEN) NETWORK TECHNOLOGY

Copyright © 2018 Yealink (Xiamen) Network Technology CO., LTD. All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Yealink (Xiamen) Network Technology CO., LTD. Under the law, reproducing includes translating into another language or format.

When this publication is made available on media, Yealink (Xiamen) Network Technology CO., LTD. gives its consent to downloading and printing copies of the content provided in this file only for private use but not for redistribution. No parts of this publication may be subject to alteration, modification or commercial use. Yealink (Xiamen) Network Technology CO., LTD. will not be liable for any damages arising from use of an illegally modified or altered publication.

Trademarks

Yealink®, the logo and the name and marks is trademark of Yealink (Xiamen) Network Technology CO., LTD, which are registered legally in China, the United States, EU (European Union) and other countries.

All other trademarks belong to their respective owners. Without Yealink's express written permission, recipient shall not reproduce or transmit any portion hereof in any form or by any means, with any purpose other than personal use.

Warranty

(1) Warranty

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS GUIDE ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS GUIDE ARE BELIEVED TO BE ACCURATE AND PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF PRODUCTS.

(2) Disclaimer

YEALINK (XIAMEN) NETWORK TECHNOLOGY CO., LTD. MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS GUIDE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Yealink (Xiamen) Network Technology CO., LTD. shall not be liable for errors contained herein nor for incidental or consequential damages in connection with the furnishing, performance, or use of this guide.

(3) Limitation of Liability

Yealink and/or its respective suppliers are not responsible for the suitability of the information contained in this document for any reason. The information is provided "as is", and Yealink does not provide any warranty and is subject to change without notice. All risks other than risks caused by use of the information are borne by the recipient. In no event, even if Yealink has been suggested the occurrence of damages that are direct, consequential, incidental, special, punitive or whatsoever (Including but not limited to loss of business profit, business interruption or loss of business information), shall not be liable for these damages.

End User License Agreement

This End User License Agreement ("EULA") is a legal agreement between you and Yealink. By installing, copying or otherwise using the Products, you: (1) agree to be bounded by the terms of this EULA, (2) you are the owner or an authorized user of the device, and (3) you represent and warrant that you have the right, authority and capacity to enter into this agreement and to abide by all its terms and conditions, just as if you had signed it. The EULA for this product is available on the Yealink Support page for the product.

Patent Information

China, the United States, EU (European Union) and other countries are protecting one or more patents of accompanying products and/or patents being applied by Yealink.

Customer Feedback

We are striving to improve our documentation quality and we appreciate your feedback. Email your opinions and comments to DocsFeedback@yealink.com.

Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for the latest firmware, guides, FAQ, Product documents, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.

About This Guide

This guide provides enterprise administrators with daily operations and maintenance for YMS.

Introduction to Yealink Meeting Server

The Yealink Meeting Server (YMS) is a distributed cloud-based video conferencing infrastructure tailored for HD video conferencing collaboration in the modern workplace. As a powerful all-in-one meeting server, YMS brings MCU, registrar server, directory server, traversal server, meeting and device management server, SIP Trunk, WebRTC server and GK & H.460 server together. Seamlessly working with Yealink VC devices, the Yealink Meeting Server brings people together at any time from any location with the touch of a button.

Intended Audience

This guide is mainly intended for:

- Distributor
- Network administrator

Conventions

The section describes the conventions in the document.

General Conventions

| Convention | Description |
|-----------------------------|---|
| Bold | Highlights the user interface items such as menus or menu selections when they are involved in a procedure or user action (for example, click Log In). |
| Colored Text | Used for cross references to other sections within this documentation (for example, refer to SMTP Mailbox). |
| <i>Blue Text in Italics</i> | Used for hyperlinks to Yealink resources outside of this documentation such as the Yealink documentations (for example, for more information, refer to Yealink Meeting Server User Guide). |

GUI Conventions

| Convention | Description |
|------------|--|
| -> | Indicates the menu path. For example, Status->System information indicates the path of entering system information page. |

Basic Concepts

This section explains basic concepts which you may come across in this document.

Enterprise directory: This concept refers to the directory which includes user accounts, room system accounts and third-party devices.

Yealink VC devices: This concept refers to the endpoints that support YMS, including VC880/VC800/VC500/VC400/VC120/VC110/VC200 video conferencing endpoint, SIP VP-T49G IP phone, SIP-T58V IP phone, VC Desktop and VC Mobile.

Interactive parties: This concept refers to the participants who send video or audio in the broadcasting interactive conference.

Broadcasting parties This concept refers to the participants who only receive but do not send video or audio in the broadcasting interactive conference.

Setup Files

You can obtain the setup file of YMS from the Yealink distributor or Yealink technical support engineer.

Hardware and Software Recommendations

The following table lists the hardware and software recommendation of YMS.

| Feature | Description |
|-------------------------|--|
| CPU | Intel Xeon E5-2600 series (Haswell architecture) or similar Xeon processors from 2012 or later, 2.3 GHz or faster. A CPU should match 4 RAM. |
| RAM | 4GB/DDR3/2133MHz/ECC or higher 8GB/DDR4/2400MHz/ECC or higher |
| Hard Drive Space | 300GB or higher |
| Network | <ul style="list-style-type: none"> Gigabit Ethernet connection is strongly recommended. In general, you can expect 1 Mbps in a one-way 720P video call. And you can expect 2 Mbps in a one-way 1080P video call. |
| Capacity | Capacity is dependent on server specifications. As a general indication, using our recommended hardware (Intel Haswell, |

| Feature | Description |
|--------------|---|
| | 10 cores, 2.3 GHz) YMS can connect: <ul style="list-style-type: none"> The maximum concurrent calls=total CPU cores*frequency. Up to extra 10 audio-only calls at 64 kbps. Servers that are older, with slower processors, or fewer CPUs, will have a lower overall capacity. |
| Linux | CentOS 7.0 and later |

For example, if you want to initiate 20-way 1080P concurrent calls or 40-way 720P concurrent calls, the following hardware is recommended.

| | |
|---------------|---|
| CPU | 2 Intel Xeon Processor E5-2620V4, eight cores and sixteen threads, 2.1GHz 20M 8.0GT/s 85W or higher |
| Memory | 8 8GB/DDR4/2400MHz/ECC or higher |

If you want to initiate 40-way 1080P concurrent calls or 80-way 720P concurrent calls, the following hardware is recommended.

| | |
|---------------|--|
| CPU | 2 Intel Xeon Processor E5-2680V4, fourteen cores and twenty-eight threads, 2.4GHz 35M 9.6GT/s 120W or higher |
| Memory | 8 8GB/DDR4/2400MHz/ECC or higher |

Browser Requirements

The following browsers are supported:

| Browser | Version |
|-------------------|--------------|
| Firefox | 50 and later |
| Chrome | 50 and later |
| Internet Explorer | 10 and later |

Port Forwarding Requirements

If the following ports are restricted in your network environment, please open these ports.












If the YMS is deployed in an Intranet, you should solve the interconnection problem between private and public network by port forwarding. You must forward the following ports to the public network on the router.


| Field | Port | UDP/TCP | Effect |
|------------------------------|-------------|---------|---|
| System | 22 | TCP | SSH port |
| | 80 | TCP | HTTP port |
| | 443 | TCP | HTTPS port |
| | 514 | UDP | SYSLOG port |
| | 514 | TCP | SYSLOG port |
| SIP | 5060 | TCP | SIP port |
| | 5060 | UDP | SIP port |
| | 5061 | TCP | SIP port |
| | 5067 | TCP | Skype for Business local listening port |
| Turn server | 3478 | UDP | STUN port |
| | 3479 | UDP | STUN port |
| MCU broadcast service | 3688 | TCP | Broadcasting server listening port |
| WebRTC | 442 | TCP | WebRTC listening port |
| H.323 gateway | 1720 | TCP | H.225 listening port (TCP) |
| H.323 gatekeeper | 1718 | UDP | RAS broadcasting listening port |
| | 1719 | UDP | RAS listening port |
| | 1722 | TCP | H.225 listening port |
| | 2776 | UDP | H.460.19 RTP Multiplex port |
| | 2777 | UDP | H.460.19 RTCP Multiplex port |
| Media/Signaling port | 30000-37999 | UDP | IVR+BFCP port |
| | 38000-49999 | UDP | TURN Relay port Media Proxy port |
| | 50000-60000 | UDP | MCU conference port |
| | 30000-39999 | TCP | H.245/Q931 port (H.323 gateway) |

| Field | Port | UDP/TCP | Effect |
|-------|-------------|-------------|--|
| | 20000~24999 | TCP | H.245 port (H.323 gatekeeper) |
| | 25000~29999 | TCP | Q931 port (H.323 gatekeeper) |
| | 15000~19999 | UDP | Media forwarding port (H.323 gatekeeper) |
| | 60000~65000 | UDP and TCP | Skype for Business server media port |

Icon Instructions

Icons appearing on the YMS are described in the following table:

| Icons | Description |
|---|--|
|  | Download backups |
|  | Restore backups |
|  | Update device firmware now |
|  | Export device logs |
|  | The room system accounts are not registered |
|  | The room system accounts are registered |
|  | Move up the department or the user account in Organizational Structure list |
|  | Move down the department or the user account in Organizational Structure list |
|  | Scheduled conferences or meet now conferences (initiated by Yealink VC devices registered the YMS account) |
|  | Conferences which are enabled RTMP live feature |
|  | Periodic conferences |

| Icons | Description |
|---|---|
|  | Meet now conferences (initiated by joining the permanent VMR) |

In This Guide

Topics in this guide include:

- Chapter 1 [Yealink Meeting Server Installation](#)
- Chapter 2 [Basic Operation](#)
- Chapter 3 [System Status](#)
- Chapter 4 [System Management](#)
- Chapter 5 [Account Management](#)
- Chapter 6 [Meeting Room Management](#)
- Chapter 7 [Conference Control](#)
- Chapter 8 [Conference Statistics](#)
- Chapter 9 [Troubleshooting](#)
- Chapter 10 [Appendix: Time Zones](#)

Summary of Changes

This section describes the changes in this guide for each release and guide version.

Changes for Release 23, Guide Version 10.23.0.60

The following sections are new for this version:

- [Communicating with Skype for Business Server](#) on page 29
- [Port Settings](#) on page 45

Major updates have occurred to the following sections:

- [Dialing Devices Automatically](#) on page 15
- [Record](#) on page 16
- [Enabling RTMP Live](#) on page 16
- [Adding Permanent Virtual Meeting Rooms](#) on page 84

Changes for Release 23, Guide Version 10.23.0.55

The following sections are new for this version:

- [Displaying Participant Name](#) on page 12
- [Sending Content Only](#) on page 16
- [Enabling RTMP Live](#) on page 16
- [Enabling Broadcasting Interactive Video Conferences](#) on page 17
- [LDAP](#) on page 21
- [SIP Trunk IVR](#) on page 29
- [GK](#) on page 44
- [Security Management](#) on page 52
- [Licenses Management](#) on page 61
- [Conference Control](#) on page 87

Major updates have occurred to the following sections:

- [H.323](#) on page 22
- [Port Settings](#) on page 45
- [Adding User Accounts](#) on page 71
- [Adding Room System Accounts](#) on page 74
- [Adding Permanent Virtual Meeting Rooms](#) on page 84

Changes for Release 23, Guide Version 10.23.0.40

The following sections are new for this version:

- [Configuring the Default Layout](#) on page 12
- [Third-Party Registration](#) on page 15
- [Redialing Devices Automatically](#) on page 15
- [Record](#) on page 16
- [SIP Trunk ACL](#) on page 28
- [WebRTC](#) on page 44

Major updates have occurred to the following sections:

- [Yealink Meeting Server Installation](#) on page 1
- [Dialing Devices Automatically](#) on page 15
- [SMTP Mailbox](#) on page 49
- [Account Management](#) on page 69

- [Meeting Room Management](#) on page 81

Changes for Release 23, Guide Version 10.23.10.20

The following sections are new for this version:

- [Dialing Devices Automatically](#) on page 15
- [Call Routing](#) on page 18
- [Gateway Configuration](#) on page 21
- [H.323](#) on page 44
- [Meeting Time Zone Configuration](#) on page 48
- [Adding Permanent Virtual Meeting Rooms](#) on page 84

Major updates have occurred to the following sections:

- [Logging into Yealink Meeting Server](#) on page 3
- [Layout](#) on page 12
- [IVR Service](#) on page 15
- [Web](#) on page 41
- [Call Bandwidth](#) on page 12
- [Port Settings](#) on page 44
- [Time Access](#) on page 47
- [SMTP Mailbox](#) on page 49
- [Conference Statistics](#) on page 87

Table of Contents

| | |
|---|-------------|
| About This Guide..... | V |
| Introduction to Yealink Meeting Server | v |
| Intended Audience | v |
| Conventions | v |
| General Conventions | v |
| GUI Conventions | vi |
| Basic Concepts | vi |
| Setup Files | vi |
| Hardware and Software Recommendations | vi |
| Browser Requirements | vii |
| Port Forwarding Requirements | vii |
| Icon Instructions | ix |
| In This Guide | x |
| Summary of Changes | x |
| Changes for Release 23, Guide Version 10.23.0.60 | x |
| Changes for Release 23, Guide Version 10.23.0.55 | xi |
| Changes for Release 23, Guide Version 10.23.0.40 | xi |
| Changes for Release 23, Guide Version 10.23.10.20 | xii |
| Table of Contents | xiii |
| Yealink Meeting Server Installation | 1 |
| Basic Operation | 3 |
| Logging into Yealink Meeting Server | 3 |
| Introduction to the Home Page | 4 |
| Managing Enterprise Administrator Account | 5 |
| Editing Login Password | 5 |
| Editing the Registered Email | 5 |
| Quick Settings | 5 |
| Logging out of Yealink Meeting Server | 8 |
| System Status | 9 |
| Viewing System Information | 9 |
| Viewing Online Users | 9 |

System Management 11

| | |
|--|----|
| Call Settings..... | 11 |
| Global Settings | 11 |
| Call Routing..... | 18 |
| LDAP | 21 |
| Gateway Configuration | 22 |
| H.323..... | 22 |
| SIP Trunk | 24 |
| SIP Trunk ACL | 28 |
| SIP Trunk IVR..... | 29 |
| Communicating with Skype for Business Server | 29 |
| System Settings | 37 |
| Network Settings..... | 37 |
| Time/Time Zone Settings | 47 |
| SMTP Mailbox | 49 |
| Disk Space Settings | 51 |
| Security Management..... | 52 |
| Registration Blacklist..... | 52 |
| Conference Blacklist | 53 |
| IP Call Blacklist | 53 |
| System Maintenance..... | 54 |
| Device Upgrade | 54 |
| Backup/Restore | 56 |
| System Upgrade | 59 |
| Reboot/Reset to Factory | 60 |
| Licenses Management..... | 61 |
| Video Port Licenses | 61 |
| Broadcasting Port Licenses | 62 |
| Importing Trusted CA Certificates | 63 |
| System Logs | 64 |
| Server Logs | 64 |
| Device Logs | 67 |

Account Management..... 69

| | |
|--|----|
| Department Management..... | 69 |
| Adding Departments..... | 70 |
| Editing Department Information | 70 |
| Editing Upper Departments Quickly..... | 70 |
| Deleting Departments | 71 |
| Adding User Accounts..... | 71 |
| User Accounts Parameters..... | 71 |
| Adding User Accounts Manually | 73 |

| | |
|--|-----------|
| Importing User Accounts | 74 |
| Adding Room System Accounts | 74 |
| Adding Third-Party Devices..... | 76 |
| Third-Party Devices Parameters | 76 |
| Adding Third-Party Devices Manually | 77 |
| Importing Third-Party Devices | 77 |
| Viewing Accounts | 78 |
| Viewing User Accounts..... | 78 |
| Viewing Third-Party Devices | 78 |
| Sending Emails to YMS Accounts..... | 78 |
| Editing Accounts | 79 |
| Deleting Accounts | 80 |
| Meeting Room Management | 81 |
| Adding Meeting Rooms | 81 |
| Adding General Meeting Rooms..... | 81 |
| Adding Video Meeting Rooms | 82 |
| Discussion Mode and Training Mode..... | 82 |
| Adding Permanent Virtual Meeting Rooms | 84 |
| Editing or Deleting Meeting Rooms | 86 |
| Conference Control | 87 |
| Viewing Conferences..... | 87 |
| Deleting Conferences | 87 |
| Controlling Conferences..... | 88 |
| Conference Statistics | 89 |
| Viewing Conference Statistics | 89 |
| Viewing Records | 89 |
| Troubleshooting..... | 91 |
| Troubleshooting Solutions | 91 |
| General Issues..... | 91 |
| Appendix: Time Zones | 93 |

Yealink Meeting Server Installation

You can install YMS to a virtual machine or a physical machine. After installation, you need enter the setup wizard to configure the basic settings.

For more information, please refer to [Yealink Meeting Server Installation Guide](#).

Basic Operation

This chapter provides basic operating instructions for YMS.

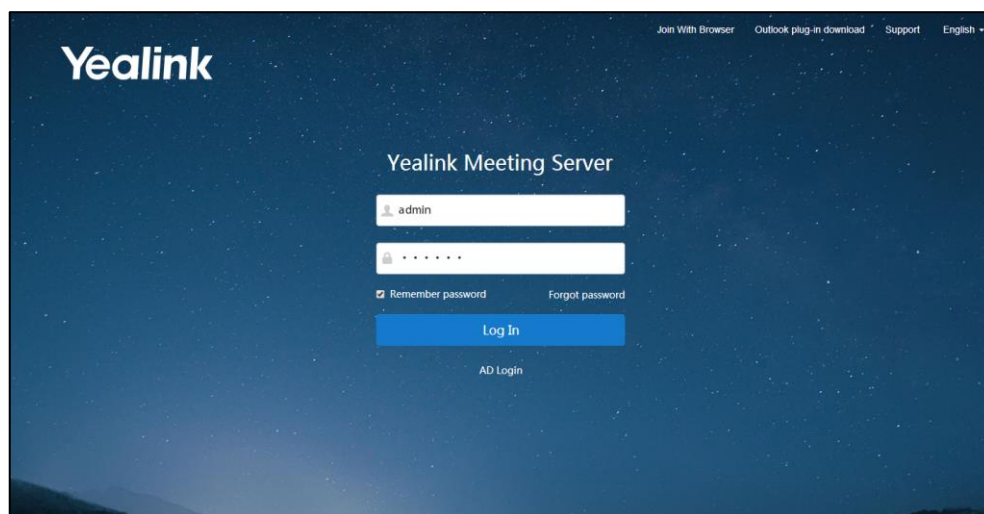
Topics include:

- [Logging into Yealink Meeting Server](#)
- [Introduction to the Home Page](#)
- [Managing Enterprise Administrator Account](#)
- [Quick Settings](#)
- [Logging out of Yealink Meeting Server](#)

Logging into Yealink Meeting Server

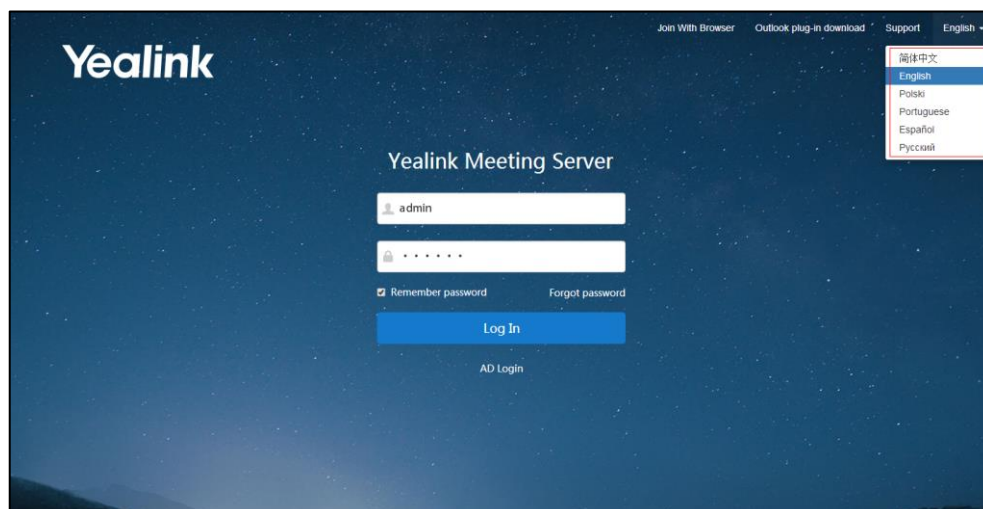
To log into YMS:

1. Open a web browser.
2. Enter the IP address or domain name of YMS in the address bar, and then press the **Enter** key to enter the YMS.
3. Enter the username and password of enterprise administrator you set in setup wizard.



4. (Optional.) To remember password, check the **Remember password** checkbox.
To ensure account security, this action is not recommended on public computer.

- (Optional.) On the top-right of the page, select the desired display language from the pull-down list.



- Click **Log In**.

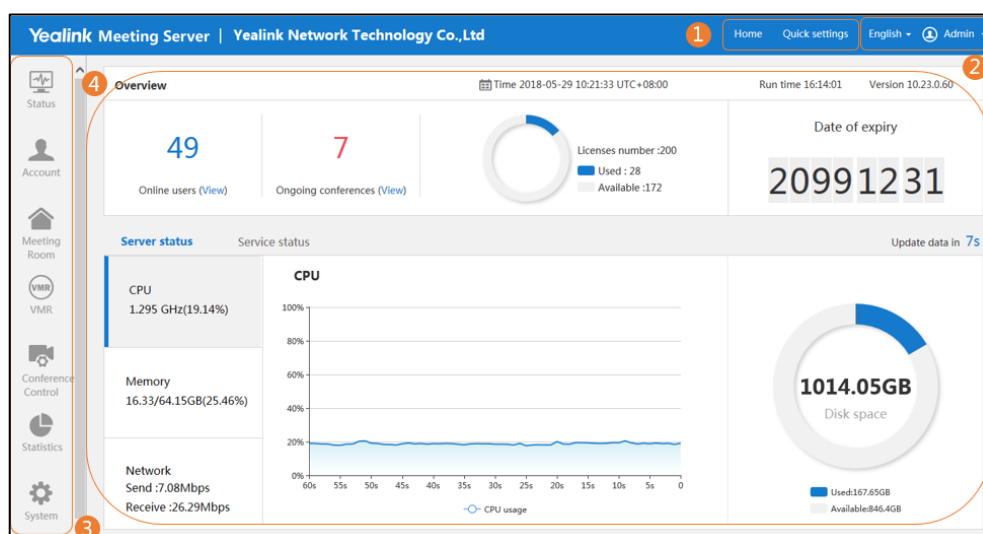
Note

If you enter the wrong password 5 times, this account will be locked for 3 minutes. Please wait 3 minutes and then try again.

If you forget password, you can click **Forgot password**, and then follow the prompts to reset the password.

Introduction to the Home Page

After you log into the YMS successfully, the home page is displayed as below. You should be familiar with the home page to help you quickly find the operation entries and get the system information.



| No. | Description |
|-----|---|
| 1 | Main entry of the home page and setup wizard. |
| 2 | The account name and system language. |
| 3 | Main entry into the status, account, meeting room, VMR, call statistics and |
| 4 | Overview of system status, server status and service status. |

Managing Enterprise Administrator Account

Editing Login Password

To improve accounts security, it is recommended to change the password periodically.

To edit login password:

1. Click **Admin** on the top-right of the page.
2. Click **Change password**.
3. Enter the current password, new password and re-enter the new password to confirm.
4. Click **Confirm**.

Editing the Registered Email

You can edit the email. The email is used to receive the information of resetting password and receive a warning from your system.

To edit the registered email:

1. Click **Admin** on the top-right of the page.
2. Click **Edit email** to edit the registered email.
3. Enter the new email.
4. Click **Confirm**.

Quick Settings

You can configure network, time/time zone, username/password, license and SMTP settings quickly.

To configure settings quickly:

1. Click **Quick settings** on the top-right of the page.
2. Configure network settings.

For more information, please refer to [Network Settings](#) on page 28.

Setup wizard

Network settings | Time/Time zone settings | Edit username/password | Activate the license | SMTP mailbox settings

Native domain name :

☒ **Internal network settings**

Network adapter settings :

Ethernet port type : ☒ Static IP address

IP address :

Subnet mask :

Gateway :

Preferred DNS :

Alternate DNS :

☒ **Network settings**

Network adapter settings :

Ethernet port type : ☒ Static IP address

IP address :

Subnet mask :

Gateway :

Preferred DNS :

Alternate DNS :

NAT : ☒ Enabled

IP address :

☒ **Routing Rules** Routing rules specify network adapter when access to the destination IP address. When using two network adapters, configure one of them first.

| | Destination IP address | Subnet mask | Gateway | Network adapter | Operation |
|---|------------------------|-------------|--------------|-----------------|-----------|
| 1 | 0.0.0.0 | 0.0.0.0 | 59.57.242.65 | enp3s0f1 | |
| 2 | 192.168.0.0 | 255.255.0.0 | 10.2.62.254 | enp3s0f0 | |
| 3 | 10.0.0.0 | 255.0.0.0 | 10.2.62.254 | enp3s0f0 | |

Add routing rules

3. Click **Next** to continue.
4. Set the time and time zone.

For more information, please refer to [Time/Time Zone Settings](#) on page 47.

The screenshot shows the 'Time/Time zone settings' page. At the top, there is a progress bar with five steps: Network settings, Time/Time zone settings (active), Edit username/password, Activate the license, and SMTP mailbox settings. The main content area displays the current server time as '2017-07-14 09:58:21'. Under 'Time access', the 'SNTP' option is selected. The 'Server domain name' is 'pool.ntp.org' and the 'Time zone' is '(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi'. Under 'Date & time configuration', the 'Meeting time zone configuration' section shows the 'Default time zone' as '(UTC+05:30) Sri Jayawardenepura' and 'Enable DST automatically' as 'Disable'. At the bottom, there are 'Back', 'Next', and 'Skip' buttons.

5. Click **Next** to continue.

6. Enter login password and re-enter the password to confirm.

Enter the enterprise administrator's email. The email is used to reset password and receive a warning from your system.

Check **Agree Improvement Plan** checkbox to allow continual monitoring and improvement of YMS, the incidents that occur in your product will be given a feedback to technician.

The **Agree Improvement Plan** checkbox is checked by default.

The screenshot shows the 'Edit username/password' page. The progress bar at the top has four steps: Network settings, Time/Time zone settings, Edit username/password (active), Activate the license, and SMTP mailbox settings. The form contains fields for 'Username' (admin), 'Password' (masked with dots), 'Confirm Password' (masked with dots), and 'Email' (vccloud@yealink.com). There is a checkbox for 'Agree Improvement Plan' which is checked. At the bottom, there are 'Back', 'Next', and 'Skip' buttons.

7. Click **Next** to continue.

8. Enter the number of video port license to activate the video port license.

The screenshot shows the 'Activate the license' page. The progress bar at the top has five steps: Network settings, Time/Time zone settings, Edit username/password, Activate the license (active), and SMTP mailbox settings. The 'License' field contains a long alphanumeric string: 'blUeIpV0/BtIvF8lwwCCQ+2/V9ChEt/uvdaI9F+pDvitXMYzxa4nS5TzvkJZ-'. At the bottom, there are 'Back', 'Next', and 'Skip' buttons.

9. Click **Next** to continue.

10. Set SMTP mailbox.

For more information, please refer to [SMTP Mailbox](#) on page 49.

The screenshot shows the 'SMTP mailbox settings' page in the Yealink Meeting Server administration interface. The page has a breadcrumb trail at the top: 'Network settings' > 'Time/Time zone settings' > 'Edit username/password' > 'Activate the license' > 'SMTP mailbox settings'. The main content area contains several input fields and buttons:

- SMTP server :**
- Mail address :**
- Username :**
- Password :**
- Mail signature:**
- Port :**
- ☐ This server requires a secure connection.
- Certification:**
- Imported mail certificate: Null
- The imported mail certification will take affect after Web service restarted.
-

At the bottom of the form are three buttons: , , and .

11. Click **OK**.

Logging out of Yealink Meeting Server

If you want to log into YMS using other accounts, you can log out of the enterprise administrator account first.

To log out of YMS:

1. Click **Admin** on the top-right of the page.
2. Click **Log out**.

Note

If the page is idle more than 30 minutes, the system will log out of the current enterprise administrator account automatically and return to login page.

System Status

This chapter provides the basic instructions for viewing YMS status, Topics include:

- [Viewing System Information](#)
- [Viewing Online Users](#)

Viewing System Information

To view system information:

1. Click **Status->System information**.

The information includes version information, server information and license information.

2. (Optional.) If YMS uses dual adapters, select the desired adapter from the pull-down list to view the network adapter information.

Server information

Hardware information

CPU : Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz

Memory : 64.15GB

Disk : 1014.05GB

Network adapter

enp3s0f0

MAC address : 0C:C4:7A:28:3D:00

Interface type : Static IP

IP address : 10.2.62.202

Subnet mask : 255.255.255.0

Gateway : 10.2.62.254

Preferred DNS server : 192.168.1.20

Alternate DNS server :

Viewing Online Users

To view online users' information:

1. Click **Status->Online users**.
2. Select the desired online users, and then click **View**.

You can view the device details, including the device model, software version, IP address, protocol and status.

| Name | Account | Status | Device model |
|--------|---------|--------|--|
| 1 0101 | 0101 | Idle | View |
| 2 1002 | 1002 | Busy | Device model Software version IP address Protocol Status |
| 3 1003 | 1003 | Busy | VP-T49G 51.24.0.2 10.81.43.4 SIP Idle |

System Management

This chapter provides information on how to manage the YMS.

Topics include:

- [Call Settings](#)
- [Gateway Configuration](#)
- [System Settings](#)
- [Security Management](#)
- [System Maintenance](#)
- [Licenses Management](#)
- [System Logs](#)

Call Settings

Global Settings

Video Resolution

If you want to limit the resolutions of video calls, you can configure the maximum video resolution and the maximum content sharing resolution.

To configure the video resolution:

1. Click **System->Call Settings->Global settings**.
2. Configure the video resolution.

Parameters are described below:

| Parameter | Description |
|---------------------------------------|---|
| Max video resolution | Configure the maximum video resolution. <ul style="list-style-type: none">• 1080P/30FPS• 720P/30FPS• 360P/30FPS• 4CIF• CIF Default: 720P/30FPS. |
| Max content sharing resolution | Configure the maximum content sharing resolution. |

| Parameter | Description |
|-----------|---|
| | <ul style="list-style-type: none"> • 1080P/30FPS • 1080P/15FPS • 1080P/5FPS • 720P/30FPS • 720P/15FPS • 720P/5FPS <p>Default: 1080P/5FPS</p> <p>If you select 1080P/30FPS or 1080P/15FPS as the maximum content sharing resolution, it will bring the problem of high computing performance.</p> |

3. Click **Confirm**.

Call Bandwidth

You can limit the uplink bandwidth for sending media stream to conference participants via YMS.

To configure the call bandwidth:

1. Click **System->Call Settings->Global settings**.
2. Select the desired bandwidth from the pull-down list of **Call bandwidth**.
3. Click **Confirm**.

Layout

Displaying Participant Name

To display the name of participant in the conference, you can enable the **Display participant name** feature.

To display the name of participant in the conference:

1. Click **System->Call Settings->Global settings**.
2. Enable **Display participant name**.
It is enabled by default.
3. Click **Confirm**.

Configuring the Default Layout

You can configure the default layout of conference participants.

The conference participants refer to the persons who are in meet now conferences, the persons who are in **Discussion mode** scheduled conferences or the moderators who are in **Training mode** scheduled conferences.

The following layouts are supported by YMS:

- **Equal N × N**: All participants are displayed in the same size.
- **OnePlusN**: The first participant is given prominence with the largest pane. Other participants will be displayed in a strip around the first participant.

To configure the default layout:

1. Click **System->Call Settings->Global settings**.
2. Select **Equal N × N** or **onePlusN**.
The **onePlusN** is selected by default.
3. Click **Confirm**.

Configuring the Layout Parameter

You can configure the Equal N×N and OnePlusN layout.

In the **Equal N×N** and **OnePlusN** layout, if the current conference participants are more than the maximum videos, the system will switch among all conference participants at regular interval. The time interval and switching rules are both configurable

In the **OnePlusN** layout, you can use voice-activated feature, so that the system will automatically identify the conference speaker. When the conference speaker speaks uninterruptedly for a certain period of time, it will be given prominence with the largest pane, other participants will be displayed in a strip around the first participant. The certain uninterrupted speaking time is configurable.

To configure equal N×N:

1. Click **System->Call Settings->Global settings**.
2. Configure equal N×N.

Parameters are described below:

| Parameter | Description |
|------------------|--|
| Equal N×N | Configure the maximum number of videos in one screen. <ul style="list-style-type: none"> • 2*2 • 3*3 • 4*4 • 5*5 • 6*6 • 7*7 Default: 4*4 |
| | Configure the time interval of cycle. |
| | Configure the way of cycle: <ul style="list-style-type: none"> • One video switches per cycle: One video is replaced with the |

| Parameter | Description |
|-----------|--|
| | <p>extra one per cycle.</p> <ul style="list-style-type: none"> • All videos switch per cycle: All videos are replaced with extra videos per cycle. |

3. Click **Confirm**.

To configure OnePlusN:

1. Click **System->Call Settings->Global settings**.

2. Configure OnePlusN.

Parameters are described below:

| Parameter | Description |
|-----------------|---|
| OnePlusN | <p>Configure the maximum number of videos in one screen.</p> <ul style="list-style-type: none"> • 1+0 • 1+4 • 1+7 • 1+9 • 1+12 • 1+20 <p>Default: 1+7</p> |
| | Configure the time interval of cycle. |
| | <p>Configure the way of cycle:</p> <ul style="list-style-type: none"> • X video switches per cycle: X video is replaced with the extra one per cycle. • All videos switch per cycle: All videos are replaced with extra videos per cycle. |
| | Configure the uninterrupted speaking time of voice-activated feature. |

3. Click **Confirm**.

Conference Settings

Joining Conference Beforehand

You can specify the time that users can join the scheduled conferences in advance.

To configure the time that users can join the scheduled conferences in advance:

1. Click **System->Call Settings->Global settings**.

2. Select the desired time from the pull-down list of **Join conference beforehand**.

3. Click **Confirm**.

Third-Party Registration

If you want to register YMS accounts on a non-Yealink device, you need enable the **Third party registration** feature.

To enable the third-party registration:

1. Click **System->Call Settings->Global settings**.
2. Enable **Third party registration**.
3. Click **Confirm**.

Dialing Devices Automatically

You can enable **Auto dialing** feature. When the scheduled conference begins, the devices registered with YMS accounts and the third-party devices in enterprise directory will receive a call to invite to join the conference. You can answer or reject the call by devices manually. If the devices enable the auto answer feature, they will join the scheduled conference automatically.

The supported devices include: The VC880/VC800/VC500/VC400/VC120/VC110/VC200 video conferencing endpoint, SIP VP-T49G IP phone, SIP-T58V IP phone and third-party devices.

To configure auto dialing feature:

1. Click **System->Call Settings->Global settings**.
2. Enable **Auto dialing**.
It is enabled by default.
3. Check the desired checkboxes of devices.
4. Click **Confirm**.

Note

If you register the YMS accounts by H.323 protocol on the third-party devices, the **Auto dialing** feature is not available.

Redialing Devices Automatically

If the **Auto dialing** feature is enabled, during a conference, when the devices you invite disconnect with the YMS, you can enable the **Auto redialing** feature to invite them to join the conference again after the connection is established again.

To enable the auto redialing feature:

1. Click **System->Call Settings->Global settings**.
2. Enable **Auto redialing**.
It is enabled by default.
3. Click **Confirm**.

Note

If you register the YMS accounts by H.323 protocol on the third-party devices, the **Auto redialing** feature is not available.

Sending Content Only

If the device does not support dual-stream protocol, you can enable **Content only** feature. When other devices share content in a call, you can only receive content and audio.

To enable the content only feature:

1. Click **System->Call Settings->Global settings**.
2. Enable **Content only**.
3. Click **Confirm**.

Configuring Roll Call

During the roll call, the called party is unmuted by default. If other participants do not want to hear the him, you can disable **Roll call setting** feature.

To disable the roll call setting feature:

1. Click **System->Call Settings->Global settings**.
2. Disable **Roll call setting**.
3. Click **Confirm**.

Record

If the **Record** feature is enabled, you can configure the recording server for the YMS to record conferences.

Note

Before you configure the recording server, make sure Yealink technical support engineer have deployed the recording server. If the recording server is deployed, you need obtain the IP address of server from the Yealink technical support engineer.

To configure the record feature:

1. Click **System->Call Settings->Global settings**.
2. Enable **Record**.
3. Enter the IP address of recording server in the **RSS IP address** field.
4. Click **Confirm**.

Note

When the recording server is in use, it takes up a video port.

Enabling RTMP Live

You can enable the **RTMP live** feature to allow users to watch the live conference.

Before you enable the RTMP live feature, you need obtain the information of AliCloud service, including domain, APP name, live domain and authentication key.

To configure the RTMP live feature:

1. Click **System->Call Settings->Global settings**.
2. Enable **RTMP live**.
3. Configure the live server to generate the streaming address.

Parameters are described below:

| Parameter | Description |
|---------------------------|--|
| Domain | Specify the domain name. |
| APP name | Specify the application name. |
| Live domain | Specify the live video domain name. |
| Authentication | Enable or disable the authentication. Default: Disabled |
| Authentication key | Specify the authentication password. |
| Domain name access | Enable or disable the domain name access. Default: Disabled. If it is enabled, the access to live conference either by Web link or by QR code is domain name access. |

4. Click **Confirm**.

Note

When a conference enables RTMP live feature, a video port will be taken up.

Enabling Broadcasting Interactive Video Conferences

If the **Broadcasting interactive** feature is disabled, you can initiate a 20-way 1080P conference or 40-way 720P conference. If enabled, you can create a broadcasting interactive video conference which contains more than 200-way.

Before you enable the feature, you need import a broadcasting port license ([Activating the Broadcasting Port License](#) on page 62), and make sure the Yealink technical support engineer has deployed the broadcasting server.

To enable broadcasting interactive video conferences:

1. Click **System->Call Settings->Global settings**.
2. Enable **Broadcasting interactive**.
3. Click **Confirm**.

Note

When a broadcasting interactive conference is initiated, it takes up two video ports. And broadcasting parties take up the resource of master server.

When the broadcasting interactive conference needs more interactive parties, contact with Yealink technical support engineer. Yealink technical support engineer will increase the number of interactive parties by stacking several MCUs together.

IVR Service

You can configure the voice prompt language for IVR service or the device display language while waiting for lecturer. The languages supported are Chinese Simplified, English, Russian, Polish, Spanish and Portuguese.

To configure the IVR language:

1. Click **System->Call Settings->Global settings**.
2. Select the desired language from the pull-down list of **IVR language**.
3. Click **Confirm**.

Call Routing

Call routing rules determine how calls are routed.

When you place a call, the server will select the desired gateway according to your call routing rules, and send the request message.

Common Perl Compatible Regular Expressions (PCRE) and Replacement Strings

Common Perl Compatible Regular Expressions (PCRE) are described below:

| PCRE | Description |
|---|--|
| <code>^(1\d{10})\$</code> | Matches the number which begins with 1 followed by 10 digits. For example: 12345678912 |
| <code>^0(\d+)\$</code> | Matches the number which begins with 0 followed by one or more digits. For example: 02, 0157 |
| <code>^(13[0-9] 14[5 7] 15[0 1 2 3 5 6 7 8 9] 18[0 1 2 3 5 6 7 8 9])\d{8}\$</code> | Matches 11-digit mobile phone number, the first 3-digit mobile phone number includes the following types, the rest digit is optional: <ul style="list-style-type: none"> • Begins with 13 and the third number is a 0-9 character • Begins with 14 and the third number is a 5/7 character • Begins with 15 and the third number is a 0/1/2/3/5/6/7/8/9 character • Begins with 18 and the third number is a 0/1/2/3/5/6/7/8/9 character For example: 13012345678, 14512345678, 15987654321 or 18243218765 |
| <code>^(\\d{3,4}-)?\\d{7,8}\$</code> | Matches the number in the following format: |

| PCRE | Description |
|---|---|
| | <ul style="list-style-type: none"> • XXX-XXXXXXX, 10-digit number • XXX-XXXXXXX, 11-digit number • XXXX-XXXXXXX, 11-digit number • XXXX-XXXXXXX, 12-digit number • XXXXXXX, 7-digit number • XXXXXXX, 8-digit number <p>For example: XXXXXXXX represents 1234567 or other 7 digits numbers</p> |
| \d{3}-\d{8} \d{4}-\d{7} | <p>Matches the number in the following format:</p> <ul style="list-style-type: none"> • XXX-XXXXXXX, 11-digit number • XXXX-XXXXXXX, 11-digit number <p>For example: XXX-XXXXXXX represents 012-12345678 or other 11 digits number, XXXX-XXXXXXX represents 0123-1234567 or other 11 digits number</p> |
| (\d{11}) ((\d{3,4})-)?(\d{7,8})(-(\d{1,4}))? | <p>Matches the number in the following format:</p> <ul style="list-style-type: none"> • 11-digit mobile phone number • XXXXXXX, 8-digit number • XXXXXXX, 7-digit number • XXX/XXXX-XXXXXXX/XXXXXXX, 4 formats in total • XXX/XXXX-XXXXXXX/XXXXXXX-X/XX/XXX/XX XX, 16 formats in total • XXXXXXX/XXXXXXX-X/XX/XXX/XXXX, 8 formats in total <p>For example: XXXX-XXXXXXX represents 0731-8784888 or other 11 digits number</p> |

The common replacement strings of Perl Compatible Regular Expression (PCRE) are described below:

| PCRE | Description |
|----------------|--|
| \$1@\$2 | <p>Transforms the originally dialed alias (if a match was found).</p> <p>For example: the compatible regular expression is avmcu\.(\\d{1,10})@(xiamen.yealinksfb\\.com), after transformation, (\\d{1,10})@(xiamen.yealinksfb\\.com) is matched.</p> |

Adding Call Routing Rules

To add call routing rules:

1. Click **System->Call Settings->Call routing**.
2. On the top-right of page, click **Add Call Routing Rule**.
3. Configure the call routing rules.

Add Call Routing Rule

Routing information

Name*

Priority*
1~200

Check each rule by priority ascending order until you find the first matching rule, then apply the rule.

Enable
☒

Any disabled rules are still displayed in the rule list, but will be ignored.

Rule setting

Destination regex match*

A regular expression for checking the target to see if this rule applies to this call.

Call target*

Outgoing location*



Call routing rules parameters are described below:

| Parameter | Description |
|---------------------------------|--|
| Name | Specify the name of the call routing rule. |
| Priority 1~200 | <p>Configure the priority of the call routing rule. The lower the number is, the higher the priority is.</p> <p>The range of ports is 1-200 by default.</p> <p>When you place a PSTN call, the server will check each rules by priority ascending order until you find the first matching rule, then apply the rule.</p> |
| Enable | <p>Enable or disable the call routing rule.</p> <p>Default: Enabled</p> <p>Any disabled rules are still displayed in the rule list, but will be ignored.</p> |
| Destination regex match | Configure the Perl Compatible Regular Expressions (PCRE) to check the target to see if this rule applies to this call. |

| Parameter | Description |
|--------------------------|--|
| Call target | Configure the type of call target. <ul style="list-style-type: none"> • PSTN • SFB Default: PSTN. |
| Outgoing location | Configure the gateway when access to the destination. |

4. Click **Save**.

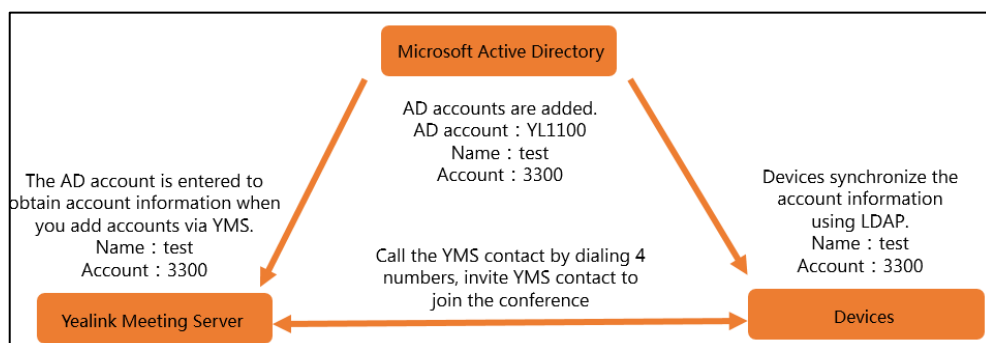
Editing or Deleting Call Routing Rules

You can click **System->Call Settings->Call routing**, and then click  on the right of page to edit call routing rules, or click  on the right of page to delete the call routing rule.

LDAP

LDAP (Lightweight Directory Access Protocol) is an application protocol for accessing and maintaining information services for the distributed directory over an IP network. YMS is configurable to interface with an enterprise directory server that supports LDAP version 3. So that the devices which register to YMS by standard SIP/H.323 protocol can obtain YMS contacts and organizational structure. Microsoft Active Directory as LDAP servers is supported.

Because the LDAP server can only be read, the administrator of LDAP server should add accounts via LDAP server and you should add accounts via YMS, and two types of accounts need be associated with each other. Take image below as an example: when the administrator of LDAP server add accounts, the rule of adding accounts via LDAP should be consistent with it via YMS. And when you add accounts via YMS, you can enter a specific AD account to obtain the YMS account. The devices which register to YMS can obtain YMS contacts from LDAP server, call the YMS contact by dialing 4 numbers, invite YMS contact to join the conference and so on.



Note

When the administrator of LDAP server edits the name and account of AD account, the YMS account will update the name synchronously, while the account will not be updated.

The organizational structure of YMS and that of LDAP server are independent with each other. If you want to edit the organizational structure, the organizational structure viewed by third-party devices should be edited via LDAP server, and the organizational structure viewed by Yealink VC devices should be edited via YMS.

To configure LDAP:

1. Click **System->Call Settings->LDAP**.
2. Configure LDAP.

LDAP parameters are described below:

| Parameter | Description |
|-----------------------------|---|
| Enable | Enable or disable the LDAP feature. Default: Disabled |
| Server address | Configure the domain name or IP address of the LDAP server. |
| Port | Configure the LDAP server port. |
| Base DN | Configure the root path of the LDAP search base. Example: OU=test_ym,DC=ldap,DC=yealink,DC=cn |
| Username | Configure the user name used to log into the LDAP server. Note: The user name is provided by the LDAP server administrator. |
| Password | Configure the password to log into the LDAP server. Note: The password is provided by the LDAP server administrator. |
| Name attribute | Configure the name attributes of each record to be returned by the LDAP server. Example: name |
| Number attribute | Configure the number attributes of each record to be returned by the LDAP server. Example: telephoneNumber |
| AD account attribute | Configure the account attributes in the LDAP server. Example: sAMAccountName |

3. Click **Connection Test**.

If the configuration is correct, the page prompts "connection successful".

4. Click **Confirm**.

Gateway Configuration

You can configure the H.323, SIP trunk, SIP truck ACL and SIP trunk IVR.

H.323

If H.323 devices want to join conference or invite conference participants by direct IP call, you can enable H.323 gateway. Moreover, H.323 devices can register to the **embedded GK** and H.323 gateway can register to the **embedded GK** or the **external GK**.

To configure the H.323 gateway:

1. Click **System->Gateway Configuration->H.323**.

2. Check **H.323 Gateway** checkbox.

The checkbox is checked by default.

3. Configure the H.323 gatekeeper.

- To register to the embedded GK, configure the embedded gatekeeper.

Parameters are described below:

| Parameter | Description |
|---------------------------------------|---|
| Embedded GK server | Enable or disable the embedded GK server. Default: Enabled Note: the H.323 gateway is enabled and register to the embedded GK server by default |
| Display name | Specify the name to identify this embedded GK server. |
| TTL timeout duration (10~600s) | Configure the registration timeout. If time is out, YMS will send the request for registering with the embedded GK server again. Default: 60s |
| IRR timeout duration (10~600s) | Configure the timeout that H.323 gateway sends status response message to the embedded GK server according to ACF command and IRO request. Default: 120s |

- To register to the external GK, configure the external gatekeeper.

Parameters are described below:

| Parameter | Description |
|--------------------------|--|
| Display name | Specify the name to identify this external GK server. |
| GK address | Configure the IP address and domain name of the external GK server. |
| GK authentication | Enable or disable support for external GK authentication. Default: Disabled Note: When GK Authentication is enabled, the gatekeeper ensures that only trusted H.323 device are allowed to access the gatekeeper. |
| GK account | Specify the account for authentication with external GK. |
| GK code | Specify the password for authentication with external GK. |

4. Specify the H.235 type during an H.323 call.

Parameters are described below:

| Parameter | Description |
|-------------------------|---|
| H.235 encryption | <p>Specify the H.235 type during an H.323 call.</p> <ul style="list-style-type: none"> • Optional—negotiate with the far site whether to use H.235 for media encryption in H.323 calls. • Compulsory—force to use H.235 for media encryption in H.323 calls. • Disable—do not use H.235 in H.323 calls. <p>Default: Disabled</p> |

5. Check the **Enable** checkbox in the **H.239** field.

When H.323 devices which register to YMS join a video conference, they receive and send contents by H.239 protocol.

6. Click **Confirm**.

If the registration is successful, the status shows "Registered".

☒ Embedded GK Server

Display name :

TTL timeout duration : s
 (10~600s)

IRR timeout duration : s
 (10~600s)

☒ H.323 Gateway (Status: Registered)

Display name :

GK address :

GK authentication : ☐ Enable

H.235 encryption : ☒ Optional ☐ Compulsory ☐ Disable

H.239 : ☒ Enable

SIP Trunk

To communicate with third parties, you should do the following steps:

1. [Adding SIP Trunks](#)
2. [Adding Call Routing Rules](#)

Note that if you add, edit or delete the SIP trunk, YMS will reboot to make the change take effect.

Adding SIP Trunks

To add SIP trunks:

1. Click **System->Gateway Configuration->SIP trunk**.
2. On the top-right of page, click **Add SIP Trunk**.
3. Configure the SIP trunk.

Gateway information

Gateway name*

Gateway type*

Outgoing network* ☒ Intranet ☐ Extranet

Enable ☒

Support video ☐

Registration information

Server address* Port*

Transport protocol*

Session expires (30s~3600s)

Server retry counts (1~16)

Outbound proxy server ☐

SIP trunk parameters are described below:

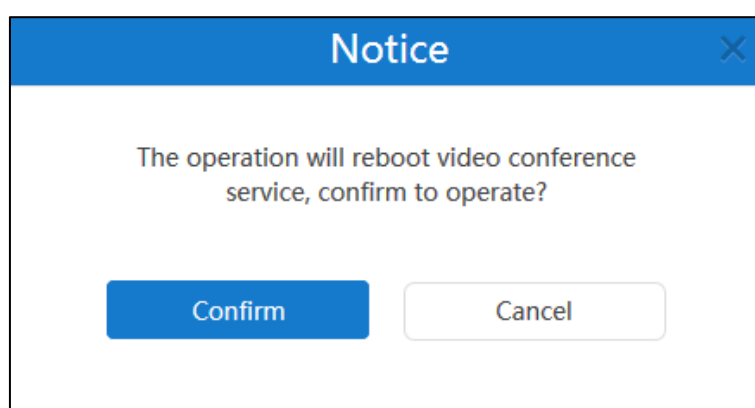
| Parameter | Description |
|---------------------|---|
| Gateway name | Specify the name of SIP voice gateway. |
| Gateway type | <p>Configure the SIP voice gateway type.</p> <ul style="list-style-type: none"> • Yeastar • New Rock • Audiocodes <p>You can also select General to specify the other SIP voice gateway type.</p> <p>Default: Yeastar. The SIP voice gateway is configured by IT administrator.</p> |

| Parameter | Description |
|---------------------------|---|
| Outgoing network | <p>Configure the outgoing network.</p> <ul style="list-style-type: none"> Intranet: SIP voice gateway is deployed in internal network. Extranet: SIP voice gateway is deployed in external network. |
| Enable | <p>Enable or disable the SIP voice gateway.</p> <p>Default: Enabled</p> |
| Support video | <p>If the SIP voice gateway supports video, enable Support video.</p> |
| Connection | <p>If you select General, enable or disable the server to register with the SIP voice gateway.</p> <p>When the SIP voice gateway needs the server to register with it, you should enable Registered to the gateway. On the contrary, you should disable it.</p> <p>Default: Registered to the gateway checkbox is checked by default.</p> <p>Note that New Rock or Audiocodes do not need the server to register with it.</p> |
| Username | <p>When you select General and check the Registered to the gateway checkbox, configure the user name for authentication.</p> |
| Realm | <p>When you select General and check the Registered to the gateway checkbox, configure the IP address or domain name of SIP voice gateway for authentication.</p> |
| Password | <p>When you select General and check the Registered to the gateway checkbox or select Yeastar, configure the password for authentication.</p> |
| Number | <p>When you select General and check the Registered to the gateway checkbox or select Yeastar, configure the number which is assigned by SIP voice gateway to identify the server.</p> |
| Server address | <p>Configure the IP address or domain name of SIP voice gateway.</p> |
| Port | <p>Configure the port of the SIP voice gateway.</p> <p>Valid values: Integer from 0 to 65535.</p> <p>Default: 5060</p> |
| Transport protocol | <p>Configure the type of transport protocol for the SIP account.</p> <ul style="list-style-type: none"> UDP—provides best-effort transport via UDP for SIP signaling. TCP—provides reliable transport via TCP for SIP signaling. TLS—provides secure communication via TLS for SIP signaling. <p>Default: UDP</p> |

| Parameter | Description |
|--|--|
| Session expires (30s~3600) | Configure the session timeout. If time is out, the server will send the request for registering with the SIP voice gateway again. Default: 3600s |
| Server retry counts (1~16) | When the registration is unsuccessful, configure the number of time which the server retries to send the request for registering with the SIP voice gateway. Default: 3 |
| Outbound proxy server | Enable or disable the server to send requests to the outbound proxy server. Default: Disabled |
| Outbound proxy server | Configure the IP address or domain name of the outbound proxy server. |
| Port | Configure the port of the outbound proxy server. Valid values: Integer from 0 to 65535. Default: 5060. |
| Proxy fallback interval (30s~3600s) | Configure the proxy fallback interval of outbound proxy server. After the proxy fallback interval, the server will send the request for registering with outbound proxy server again. Default: 3600s. |



4. Click **Save**.

The notice is displayed as below:



5. Click **Confirm** to reboot video conference service.

Editing or Deleting SIP Trunks

You can click **System->Gateway Configuration->SIP trunk**, and then click  on the right of page to edit SIP trunks, or click  on the right of page to delete SIP trunks.

SIP Trunk ACL

Adding SIP Trunk ACL

If devices are not registered with YMS account, the devices cannot place a call to YMS account directly. To solve this problem, you need add the SIP trunk ACL (Access Control List). The calling format must meet: YMS account@ domain name of YMS, and the domain name of YMS must be resolvable.

To add SIP trunk ACL:



1. Click **System->Gateway Configuration->SIP trunk ACL**.
2. On the top-right of page, click **Add ACL**.
3. Configure the SIP trunk ACL.

Parameters are described below:

| Parameter | Description |
|-------------------|---|
| ACL name | Specify the name of the SIP trunk ACL. |
| IP address | Configure the IP address or network segment (for example: 192.168.1.0/24) of server on which the devices register accounts. Note: If the devices are not registered accounts, configure the IP address of device. |
| Enable | Enable or disable the SIP trunk ACL. Default: Enabled |

4. Click **Confirm**.

Editing or Deleting SIP Trunk ACL

You can click **System->Gateway Configuration->SIP trunk ACL**, and then click  on the right of page to edit SIP trunk ACL, or click  on the right of page to delete SIP trunk ACL.

SIP Trunk IVR

After you configure the SIP trunk and call routing, there will be a voice prompt if you enter YMS via SIP trunk. You can configure the voice prompt and key functions.

Note To make sure devices can send DTMF tones normally according to voice prompt, it is recommended that the DTMF type of devices is RFC2833.

To configure SIP trunk IVR:

1. Click **System->Gateway Configuration->SIP trunk IVR**.
2. Configure voice prompt, do one of the following:
 - Select **Default Greeting**. The language depends on your IVR language. For more information, please refer to [IVR Service](#) on page 18.
 - Select **Personal Greeting**.
Click **Browse** to select the desired .wav file.
Click **Upload** to upload the desired file.
3. (Optional.) To enable users can dial extension or conference ID directly, check the **Enable first-level extension dialing** checkbox to enable
4. If **Personal Greeting** is selected, select the desired key, and then enter the description and select options. The available options contain transfer to extension, transfer to conference, extension dialing, conference dialing, repeat and exit.
5. Click **Confirm**.

Communicating with Skype for Business Server

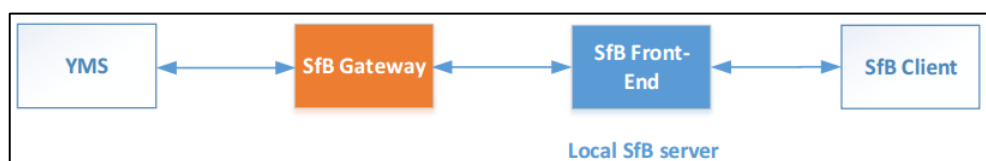
YMS can communicate with the local Skype for Business (SfB) server, Microsoft Office 365 and SfB server of other enterprise.

Communicating with the Local SfB Server

To communicate with the local SfB server, you should do the following steps:

1. [Configuring the Local SfB Server](#)
2. [Adding a SfB Gateway](#)
3. [Adding Call Routing Rules](#)

YMS communicates with local SfB Front-End server by the SfB gateway.



Configuring the Local SfB Server

To communicate with the local SfB server, you should do the following steps in the Front-End of SfB server to add YMS to the topology of SfB server.

For example, the local environment is as following, you should run the commands to complete the configuration:

- There is one YMS device. It's FQDN is SFB14.5060.space.
- The FQDN of the Front-End pool is xiamenpool.xiamen.yealinksfb.com.

To configure the local SfB server:

1. Run the command to add YMS to the Front-End Pool of SfB server by powershell as below:

Note that only the accounts in the Front-End Pool can communicate with YMS.

| No. | Command | Description |
|-----|---|--|
| 1 | get-cssite | Get the Site ID of Front-End Pool. |
| 2 | <p>New-CsTrustedApplicationPool -Identity <YMS FQDN > -ComputerFqdn < YMS FQDN > -Registrar <Front End Pool FQDN> -Site < Site ID> -RequiresReplication \$false -ThrottleAsServer \$true -TreatAsAuthenticated \$true</p> <p>For example:</p> <p>New-CsTrustedApplicationPool -Identity SFB14.5060.space -ComputerFqdn SFB14.5060.space -Registrar xiamenpool.xiamen.yealinksfb.com -Site 5 -RequiresReplication \$false -ThrottleAsServer \$true -TreatAsAuthenticated \$true</p> <p>Syntax explanation:</p> <p>-Identity: defines the FQDN of the YMS group that belongs to this trusted application pool. If there is one YMS device, the FQDN you define refers to this YMS device.</p> <p>-ComputerFqdn: defines the FQDN of one YMS device in the trusted application pool.</p> <p>-Registrar: defines the FQDN of the Front-End Pool which this trusted application pool belongs to.</p> <p>-Site: defines the Site ID of Front-End Pool you get after running the first command.</p> <p>Others are default value.</p> | <p>Adds YMS as the trusted application pool for the Front-End Pool to trust traffic coming from YMS.</p> |
| 3 | New-CsTrustedApplication -ApplicationId <Application ID> -TrustedApplicationPoolFqdn | Adds YMS devices for the trusted application pool. |

| No. | Command | Description |
|-----|---|--|
| | <p><YMS FQDN> -Port <Available Port></p> <p>For example:</p> <p>New-CsTrustedApplication -ApplicationId SFB14 -TrustedApplicationPoolFqdn SFB14.5060.space -Port 5067</p> <p>Syntax explanation:</p> <p>-ApplicationId: defines a friendly identifier for the YMS devices. It is facultative and unique.</p> <p>-TrustedApplicationPoolFqdn: defines which trusted application pool that this YMS device belongs to.</p> <p>-Port: defines the port of the YMS to communicate with SfB server. Valid values integer from 0 to 65535. The default port is 5067 in YMS, it is recommended that the Port is consistent with the port in YMS.</p> | |
| 4 | Get-CsTrustedApplication | View the trusted application to make sure the YMS device is added for the trusted application pool. |
| 5 | Get-CsStaticRoutingConfiguration | View information about whether there is the desired registrar you want to add static routing configuration to. |
| 6 | <p>If there is not an existing Identity that matches the desired registrar, run the command:</p> <p>New- CsStaticRoutingConfiguration -Identity <the registrar which we want to apply the static route object to></p> <p>For example:</p> <p>New- CsStaticRoutingConfiguration -Identity "Service:Registrar:xiamenpool.xiamen.yealinksfb.com"</p> <p>Syntax explanation:</p> <p>--Identity: defines the registrar which we want to apply the static route object to.</p> | <p>Create a new static routing configuration for the desired registrar.</p> |
| 7 | <p>\$newroute = New-CsStaticRoute -TLSSRoute -Destination <YMS FQDN> -Port <YMS Port> -MatchUri < YMS FQDN> -UseDefaultCertificate \$true</p> | Create a new static routing configuration to route SfB calls to YMS. |

| No. | Command | Description |
|-----|--|--|
| | <p>For example:</p> <pre>\$newroute = New-CsStaticRoute -TLSSRoute -Destination "SFB14.5060.space" -Port 5067 -MatchUri "SFB14.5060.space"</pre> <p>Syntax explanation:</p> <p>-Destination: defines the YMS FQDN where SfB should send SIP requests matching the domain specified in -MatchUri.</p> <p>-Port: defines the port of the YMS to communicate with SfB server. Valid values integer from 0 to 65535. The default port is 5067 in YMS, it is recommended that the Port is consistent with the port in YMS.</p> <p>-MatchUri: defines the SIP domain to statically route towards the YMS devices.</p> | |
| 8 | <p>Set-CsStaticRoutingConfiguration -Identity < the registrar which we want to apply the static route object to> -Route @{Add=\$newroute}</p> <p>For example:</p> <pre>Set-CsStaticRoutingConfiguration -Identity "Service:Registrar:xiamenpool.xiamen.yealinksf.com" -Route @{Add=\$newroute}</pre> <p>Syntax explanation:</p> <p>-Identity: defines the registrar to which we want to apply the static route object.</p> <p>Others are default value.</p> | Apply your required static route to your registrars' static routing configuration. |
| 9 | <p>Get-CsStaticRoutingConfiguration Select-Object -ExpandProperty Route</p> | View all routes in your static routing configuration to make sure your required static route added successfully. |
| 10 | Enable-CsTopology | Enable the new topology. |

Related tasks:[Adding a SfB Gateway](#)[Adding Call Routing Rules](#)

Communicating with Microsoft Office 365

If you want to communicate with Microsoft Office 365, you do not need to configure SfB server. you should just do the following steps in YMS:

1. [Adding a SfB Gateway](#)
2. [Adding Call Routing Rules](#)

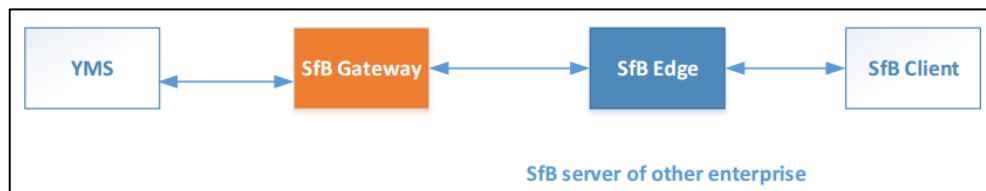
YMS communicates with Microsoft Office 365 by the SfB gateway. Note that Microsoft Office 365 enables the federation by default.

Communicating with the SfB Server of Other Enterprise

To communicate with the SfB server of other enterprise, you should do the following steps:

1. [Configuring the SfB Server of Other Enterprise](#)
2. [Adding a SfB Gateway](#)
3. [Adding Call Routing Rules](#)

YMS communicates with other enterprise SfB edge server by the SfB gateway. Note that SfB edge server should enable the federation.



Configuring the SfB Server of Other Enterprise

If you want to communicate with the SfB server of other enterprise, you should make sure the SfB server of other enterprise enable the federation. For more information on how to enable federation, please refer to [Microsoft official document](#). Moreover, you should add the YMS FQDN to SIP federated domains.

For example: YMS FQDN is sfb1.5060.space.

The screenshot shows the 'Skype for Business Server' configuration interface. On the left is a navigation menu with options: Home, Users, Topology, IM and Presence, Persistent Chat, Voice Routing, Voice Features, Response Groups, Conferencing, Clients, Federation and External Access (highlighted), Monitoring and Archiving, Security, and Network Configuration. The main area is titled 'New SIP Federated Domains' and includes 'Commit' and 'Cancel' buttons. A red box highlights a form with the following fields: 'Allowed domain' (header), 'Domain name (or FQDN): *' (text input with 'sfb1.5060.space'), 'Access Edge service (FQDN):' (text input with 'sfb1.5060.space'), and 'Comment:' (text input).

Related tasks:

[Adding a SfB Gateway](#)

[Adding Call Routing Rules](#)

Adding a SfB Gateway

To make sure calls are routed to the specified SfB server, you should add a SfB gateway which is set as the destination gateway of the call routing rules.

SfB server 2016 and SfB server 2015 are supported.

Note

Because a SfB gateway takes up the resource of YMS, it is recommended that you should deploy the SfB gateway independently by contacting with Yealink technical support engineer.

To add a SfB gateway:

1. Click **System->Gateway Configuration-> Skype for Business Server**.
1. On the top-right of page, click **Add SfB Server**.

2. Configure the Sfb gateway.

Enable

☒

Server name*

to_sfb

Outgoing network*

☒ Intranet
☐ Extranet

Transport protocol*

TLS

Native Information

Port*

5067

SfB server information

Domain*

xiamen.yealinksfb.com

Port*

5061

Federation

☐

Outbound proxy server

☒

Outbound proxy server*

10.200.103.4

Port*

5061

Outgoing Rule

Priority matching

☒ Conference
☐ Device

Conference regex match

^666(\d+)

Conference regex replace string

\$1@xiamen.yealinksfb.com

Device regex match

^888(\d+)

Device regex replace string

yl\$1@xiamen.yealinksfb.com

Incoming Rule

Conference regex match

Conference regex replace string

Device regex match

yl(\d+)

Device regex replace string

888\$1@xiamen.yealinksfb.com

Certificate

SfB certificate

server_20180510.crt

Browse

Upload

Delete

The uploaded certificate file must be a .crt or .pem file which cannot exceed 10MB.

Save

Cancel

Parameters are described below:

| Parameter | Description |
|---------------|---|
| Enable | Enable or disable the SfB gateway. Default: Enabled |

| Parameter | Description |
|------------------------------|---|
| Server name | Configure the name of SfB gateway. |
| Outgoing network | Configure the outgoing network. <ul style="list-style-type: none"> • Intranet: the SfB server is deployed in internal network. • Extranet: the SfB server is deployed in external network. |
| Transport protocol | Configure the type of transport protocol. <ul style="list-style-type: none"> • UDP—provides best-effort transport via UDP for SIP signaling. • TCP—provides reliable transport via TCP for SIP signaling. • TLS—provides secure communication via TLS for SIP signaling. Default: only TLS is supported. |
| Port | Configure the port of the YMS to communicate with SfB server. Valid values: Integer from 0 to 65535. It must be consistent with the port configured in SfB server. |
| Domain | Specify the domain name of SfB server. |
| Federation | Enable or disable federation. Default: Disabled. According to different type of SfB server, you can enable or disable federation when you are in one of the following scenarios: <ul style="list-style-type: none"> • If the type of SfB server is the local SfB server, you should disable federation. • If the type of SfB server is Microsoft Office 365 or the SfB server of other enterprise, you should enable federation. |
| Port | Configure the source port of the SfB server to communicate with YMS. |
| Outbound proxy server | Enable or disable the SfB server to send requests to the outbound proxy server. Default: Disabled |
| Outbound proxy server | Configure the IP address or domain name of the outbound proxy server. |
| Port | Configure the source port of the outbound proxy server. Valid values: Integer from 0 to 65535. |
| Priority matching | When the destination alias matched by conference regular expression is same as the one matched by device regular expression, configure the matching priority. |

| Parameter | Description | |
|-----------------------------|--|---|
| | <ul style="list-style-type: none">● Conference: matches the alias of SfB conference first, and then matches the alias of SfB device.● Device: matches the alias of SfB device first, and then matches the alias of SfB conference. | |
| Regex match | The Perl Compatible Regular Expressions (PCRE) that the destination alias (the alias that was dialed) is checked against to see if this rules applies to this call. | For more information, please refer to Common Perl Compatible Regular Expressions (PCRE) and Replacement Strings on page 18. |
| Regex replace string | The regular expression string which is used to transform the originally dialed alias (if a match was found). If you do not want to change the alias, leave this field blank. | |
| SfB certificate | Upload YMS server certification to let SfB server trust the YMS server. The way of obtaining the certification: <ul style="list-style-type: none">● If the type of SfB server is the local SfB server, you can use a certification issued by a public CA, or a certification issued by the organization's internal CA (trusted by SfB and YMS).● If the type of SfB server is Microsoft office 365 or the SfB server of other enterprise, you can use a certification issued by a public CA. | |

3. Click **Save**.

Editing or Deleting a SfB Gateway

You can click **System->Gateway Configuration->Skype for Business Server**, and then click  on the right of page to edit SfB server, or click  on the right of page to delete the SfB server.

System Settings

Network Settings

Basic Settings

The server supports dual adapters, you can configure the network according to the actual enterprise network condition.

Native Domain Name

You can configure the domain name of YMS. The domain name is used for authentication when devices register YMS accounts.

To configure the domain name of YMS:

1. Click **System->System Settings->Network**.
2. Select **Basic settings** to enter the page of basic settings.
3. Configure the domain name of YMS in the **Native domain name** field.

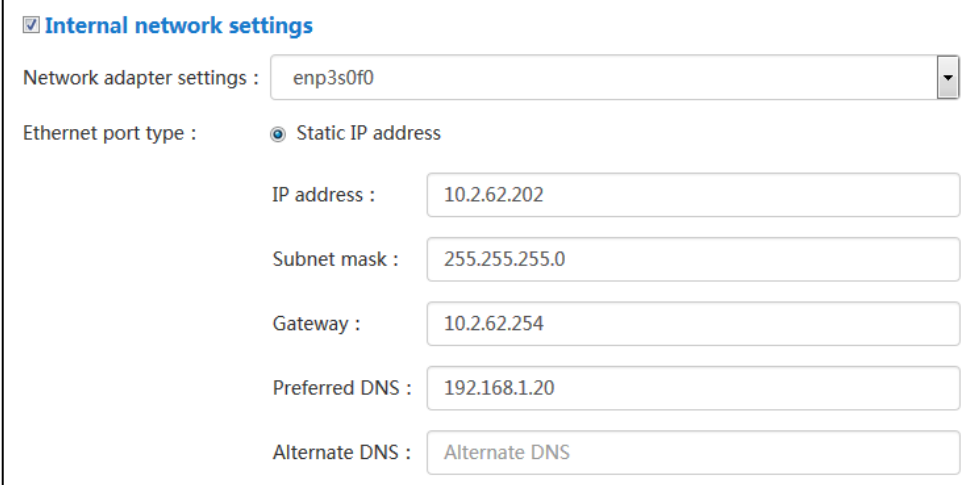
Configuring IP Addresses of Internal Network or External Network

You can configure static IP addresses of internal network or external network manually.

Note that if you configure the static IP addresses, YMS will reboot to make the change take effect.

To configure IP address of internal network or external network:

1. Click **System->System Settings->Network**.
2. Select **Basic settings**.
3. Check the **Internal network settings** or **Network settings** checkbox.
4. Select the desired adapter from the pull-down list of **Network adapter settings**.
5. Configure the static IP address.



☒ **Internal network settings**

Network adapter settings : enp3s0f0

Ethernet port type : ☒ Static IP address

IP address : 10.2.62.202

Subnet mask : 255.255.255.0

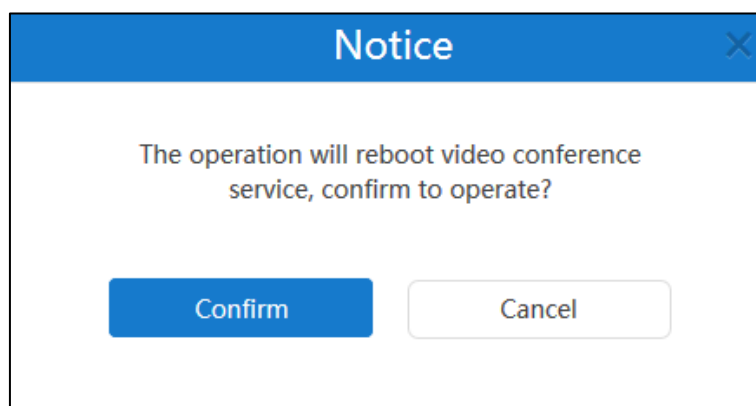
Gateway : 10.2.62.254

Preferred DNS : 192.168.1.20

Alternate DNS : Alternate DNS

6. Click **Confirm**.

The notice is displayed as below:



7. Click **Confirm** to reboot video conference service.

Static NAT

NAT enables communication between devices on your LAN that have private IP addresses and devices that are accessed through a public IP network. Static NAT ensures that the same public IP address always maps to a system's private IP address so that data from the public network intended for the private system can be routed to the system reliably.

To ensure the YMS security and maintain internal network, you can deploy the YMS in internal network. And you should configure static NAT by address forwarding on the router so that users in external network can access to the YMS.

Note that if you configure static NAT, YMS will reboot to make the change take effect.

To configure static NAT:

1. Click **System->System Settings->Network**.
2. Select **Basic settings** to enter the page of basic settings.
3. Check the **Network settings** checkbox.

4. Configure the static NAT.

☒ **Network settings**

Network adapter settings :

Ethernet port type : ☒ Static IP address

IP address :

Subnet mask :

Gateway :

Preferred DNS :

Alternate DNS :

NAT : ☒ Enabled

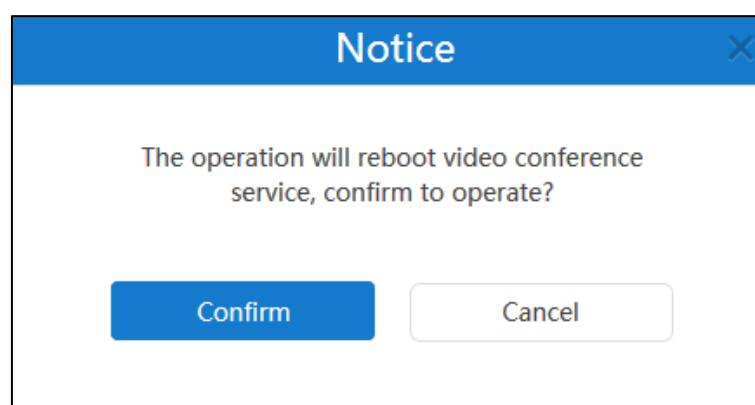
IP address

Static NAT feature parameters are described below:

| Parameter | Description |
|-------------------|---|
| NAT | Enable or disable the static NAT feature. Default: Disabled |
| IP address | Configure the NAT public address for YMS. |

5. Click **Confirm**.

The notice is displayed as below:



6. Click **Confirm** to reboot video conference service.

Routing Rules

When YMS uses dual adapters, you can configure routing rules according to the actual enterprise network condition, and specify which network adapter to use to reach the destination.

It is recommended that external network and all network segments in your enterprise must be



specified with routing rules. Note that If you add, edit or delete the contents of routing rules, YMS will reboot to make the change take effect.


Adding Routing Rules

To add the contents of routing rules:

1. Click **System->System Settings->Network**.
2. Select **Basic settings**.
3. Click **Add routing rules** to add the contents of routing rules.
4. Configure the routing rules.

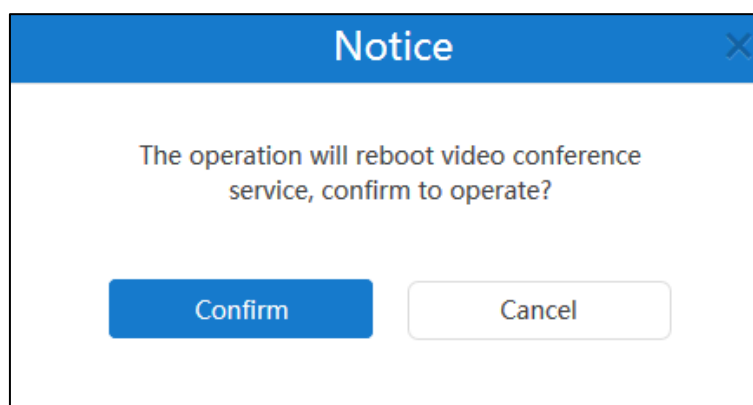
☒ **Routing Rules** Routing rules specify network adapter when access to the destination IP address. When using two network adapters, configure one of them first.

| | Destination IP address | Subnet mask | Gateway | Network adapter | Operation |
|---|---------------------------------------|--|--|---------------------------------------|---|
| 1 | 0.0.0.0 | 0.0.0.0 | 10.2.62.254 | enp3s0f0 |   |
| 2 | <input type="text" value="10.0.0.0"/> | <input type="text" value="255.0.0.0"/> | <input type="text" value="10.2.62.254"/> | <input type="text" value="enp3s0f0"/> | <input type="button" value="Confirm"/> <input type="button" value="Cancel"/> |

 Add routing rules



5. Click **Confirm** to save the change.
6. Click **Confirm**.

The notice is displayed as below:



7. Click **Confirm** to reboot video conference service.

Editing or Deleting Routing Rules

You can click **System->System Settings->Network**, and then click  on the right of page to edit routing rules, or click  on the right of page to delete routing rules.

Service Settings

Web

You can configure HTTP protocol and HTTPS protocol. If both the two protocols are enabled, the

system priority of selection is as follows: HTTPS protocol>HTTP protocol.

Note that if you configure HTTP protocol and HTTPS protocol, YMS will reboot to make the change take effect.

To configure the Web page:

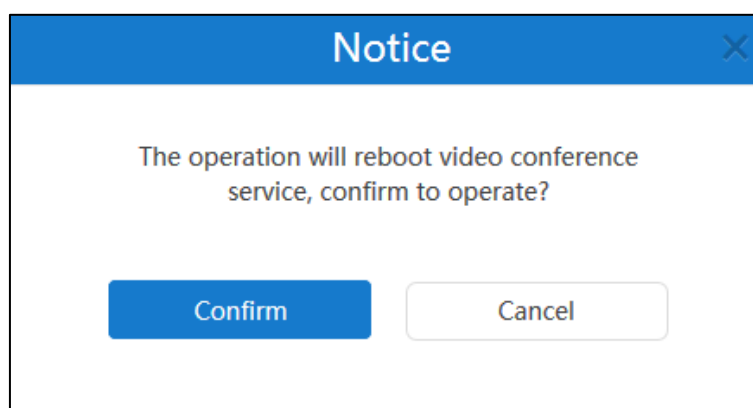
1. Click **System->System Settings->Network**.
2. Select **Service settings**.
3. Configure the Web page.

Web page parameters are described below:

| Parameter | Description |
|-----------------------|--|
| Enable HTTP | Enable the HTTP protocol. Default: It is not configurable. |
| HTTP listener | Specify the HTTP listener port of HTTP protocol. Valid values: 1-65535 Default: 80 |
| HTTP NAT | If you enabled static NAT in external network settings, configure the HTTP NAT port of HTTP protocol to access the external network. Default: 80. The port should be the same as it configured on the router. |
| Enable HTTPS | Enable or disable the HTTPS protocol. Default: Enabled |
| HTTPS listener | Specify the HTTPS listener port of HTTPS protocol. Valid values: 1-65535 Default: 443 |
| HTTPS NAT | If you enabled static NAT in external network settings, configure the HTTPS NAT port of HTTPS protocol to access the external network. Default: 443. The port should be the same as it configured on the router. |

4. Click **Confirm**.

The notice is displayed as below:



- Click **Confirm** to reboot video conference service.

SSH

SSH (Secure Shell) is a cryptographic network protocol for secure network services over an unsecured network. It provides a secure channel over an unsecured network in a client-server architecture, connecting an SSH client application with an SSH server. Common applications include remote command-line login and remote command execution, but any network service can be secured with SSH. Note that if you configure SSH, YMS will reboot to make the change take effect.

To configure SSH:

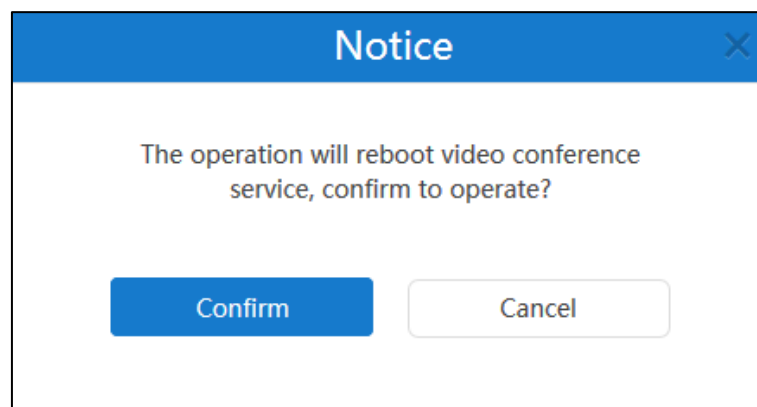
- Click **System->System Settings->Network**.
- Select **Service settings**.
- Configure SSH.

SSH parameters are described below:

| Parameter | Description |
|-------------------|---|
| Enable SSH | Enable or disable the SSH protocol. Default: Enabled |
| Port | Specify the port of SSH protocol. Valid values: 1-65535 Default: 22 |

- Click **Confirm**.

The notice is displayed as below:



- Click **Confirm** to reboot video conference service.

SIP

YMS supports SIP protocol and uses UDP, TCP and TLS protocol to transport SIP (Session Initiation Protocol) signaling. You can specify the ports for these protocols. Note that if you configure the port parameters to transport SIP signaling, YMS will reboot to make the change take effect.

To configure the port parameters to transport SIP signaling:

1. Click **System->System Settings->Network**.
2. Select **Service settings**.
3. Configure the port parameters to transport SIP signaling.

SIP :

UDP/TCP port :

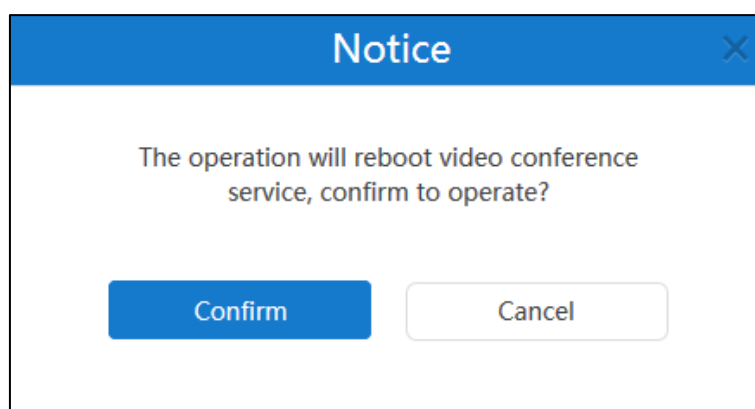
Note : used for IVR

TLS port :

Note : must be different from the TCP/UDP port

4. Click **Confirm**.

The notice is displayed as below:



5. Click **Confirm** to reboot video conference service.

H.323 Gateway

H.225 belongs to the H.323 family of telecommunication protocols. If the H.323 gateway has registered, H.225 was used to establish the H.323 call. For more information, please refer to [H.323](#) on page 22.

H.225 listener port is not configurable.

To view H.323 gateway parameters:

1. Click **System->System Settings->Network**.
2. Select **Service settings**.

GK

If the embedded GK server is enabled, H.323 GK ports are enabled by default to make sure the H.323 gateway can register to embedded GK server. For more information, please refer to [H.323](#) on page 22.

H.323 gatekeeper parameters are not configurable.

To view H.323 gatekeeper parameters:

1. Click **System->System Settings->Network**.
2. Select **Service settings**.

WebRTC

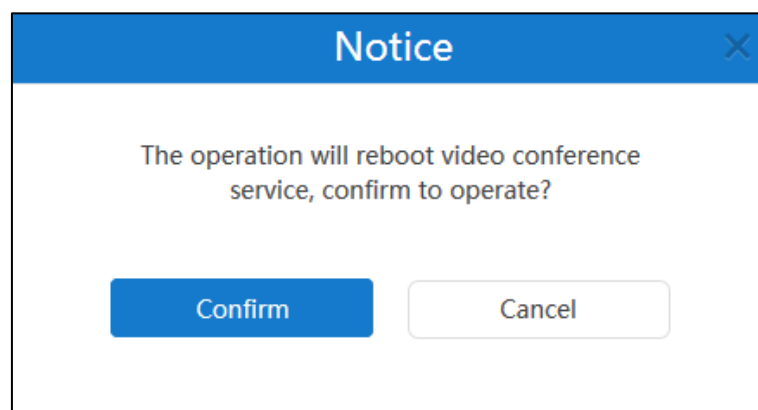
Joining conferences from a Web browser are supported by YMS.

You can configure the WebRTC listener port. Note that if you configure the WebRTC listener port, YMS will reboot to make the change take effect.

To configure the WebRTC listener port:

1. Click **System->System Settings->Network**.
2. Select **Service settings**.
3. Enter the listener port in the **webRTC listener** field.
4. Click **Confirm**.

The notice is displayed as below:



5. Click **Confirm** to reboot video conference service.

Port Settings

You can configure UDP ports and TCP ports. After you configure it, YMS will reboot to make the change take effect.

To configure port settings:

1. Click **System->System Settings->Network**.
2. Select **Port settings** to enter the page of port settings.
3. Configure the ports in the corresponding field.

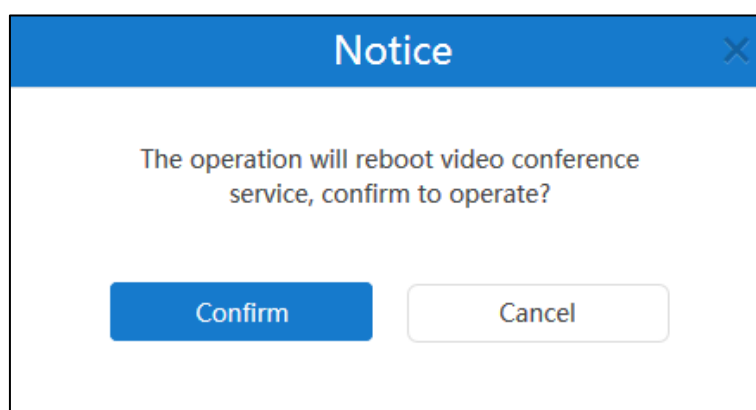
Port settings parameters are described below:

| Parameter | Description |
|-----------------|---|
| IVR port | Specify the range of IVR ports. Default: A call occupies 6 ports. If you initiate presentation in the call, |

| Parameter | Description |
|---------------------------------|--|
| | the call occupies additional 2 ports. The range of ports is 30000-37999 by default. The difference between the maximum signaling port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 30000 as the minimum port, the maximum port should not be less than 31000 at least. |
| TURN service port | Specify the range of TURN service ports. Default: 38000-49999. The difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 38000 as the minimum port, the maximum port should not be less than 39000 at least. |
| MCU port | Specify the range of MCU ports. Default: 50000-59999. The difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 50000 as the minimum port, the maximum port should not be less than 51000 at least. |
| GK media forwarding port | Specify the range of GK media forwarding ports. Default: 15000-19999. And the difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 15000 as the minimum port, the maximum port should not be less than 16000 at least. |
| H.245/Q.931 | Specify the range of H.245/Q.931 ports. Default: 30000-39999. And the difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 30000 as the minimum port, the maximum port should not be less than 31000 at least. |
| H.245 | Specify the range of H.245 ports. Default: 20000-24999. And the difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 20000 as the minimum port, the maximum port should not be less than 21000 at least. |
| Q.931 | Specify the range of Q.931 ports. Default: 25000-29999. The difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 25000 as the minimum port, the maximum port should not be less than 26000 at least. |
| SfB server port | Specify the range of media ports which YMS uses to communicate with SfB server. Default: 60000-65000. The difference between the maximum port and the minimum port should not be less than 1000 to avoid the port conflict. For example, you set 60000 as the minimum port, the maximum port should not be less than 61000 at least. |

4. Click **Confirm**.

The notice is displayed as below:



5. Click **Confirm** to reboot video conference service.

Time/Time Zone Settings

Time Access

Time and date are synced automatically from the SNTP server by default. If YMS cannot obtain the time and date from the SNTP server, you need to manually configure them.

When configuring YMS to obtain the time and date from the SNTP server, you must set the time zone.

To configure the time access:

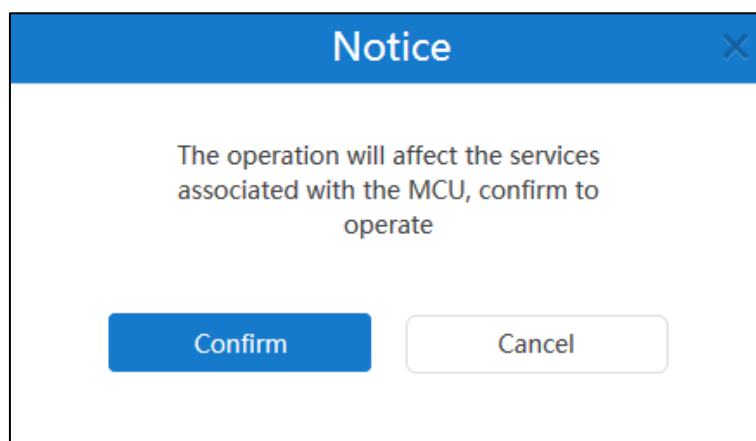
1. Click **System**->**System Settings**->**Time/Time zone**.
2. Configure the time access.

Time access parameters are described below:

| Parameter | Description |
|----------------------------|--|
| Current server time | The current time of YMS. |
| Time access | Configure the Daylight Saving Time (DST) type. <ul style="list-style-type: none"> • SNTP: obtain the time and date from the SNTP server automatically. • Date & time configuration: configure the time and date manually. Default: SNTP |
| Server domain name | Configure the SNTP server. Default: pool.ntp.org |
| Time zone | Configure the time zone. |

3. Click **Confirm**.

The notice is displayed as below:



4. Click **Confirm**.

Note

Please refer to [Appendix: Time Zones](#) for the available time zones on YMS.

Meeting Time Zone Configuration

You can configure the meeting time zone. When users schedule the conference, the default zone and enabled state of Daylight Saving Time (DST) is determined by the meeting time zone configuration.

To configure the meeting time zone:

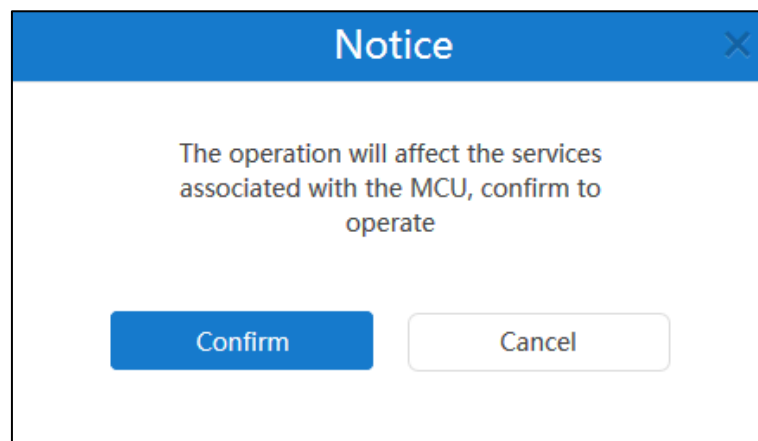
1. Click **System->System Settings->Time/Time zone**.
2. Configure the meeting time zone.

Meeting time zone parameters are described below:

| Parameter | Description |
|---------------------------------|---|
| Default time zone | When users schedule the conference, configure the default time zone. Default: The default time zone interacts with the server's. |
| Enable DST automatically | When users schedule the conference, configure the DST type. The available types for YMS are: <ul style="list-style-type: none"> Auto: DST will be configured automatically. When users schedule the conference in the countries which use DST, the DST is enabled automatically. Disable: do not use DST. Default: Auto |

3. Click **Confirm**.

The notice is displayed as below:



4. Click **Confirm**.

SMTP Mailbox

You can use the SMTP mailbox to send emails to users. For example, you can send account information to users by emails.

When the SMTP server you configured meets all of the following conditions, before you configure SMTP mailbox, you should obtain the mail certification from your enterprise IT.

- The SMTP server is built by the enterprise.
- The certification which the SMTP server uses is not issued by CA formally.
- The SMTP server sends emails by a secure connection.

To configure the mailbox parameter:

1. Click **System->System Settings->SMTP mailbox**.

2. Configure the SMTP server address, mailbox address, username, password, signature and port.

SMTP mailbox test settings

SMTP server :

Mail address :

Username :

Password :

Mail signature :

Port :

☐ This server requires a secure connection.

Mail certification :

Mail certification :

Null

The imported mail certification will take affect after Web service restarted.

3. (Optional.) Click **Browse** in the **Mail certification** field, and then select the desired certification from your computer.

Click **Import**.

YMS will reboot to make the change take effect.

4. Click **Mailbox test settings**.

Enter the email address of the recipient in the **Test email** field.

Mailbox test settings

Test email

5. Click **Confirm** to test whether the email address you set is available.

If the mailbox connection is successful, the page prompts "Operation success".

6. Click **Confirm**.

Disk Space Settings

Configuring the Default Storage Path

This setting specifies the default storage path which is used for storing all files.

You can view the used and the available space of the specified storage path by the doughnut chart on the right of page.

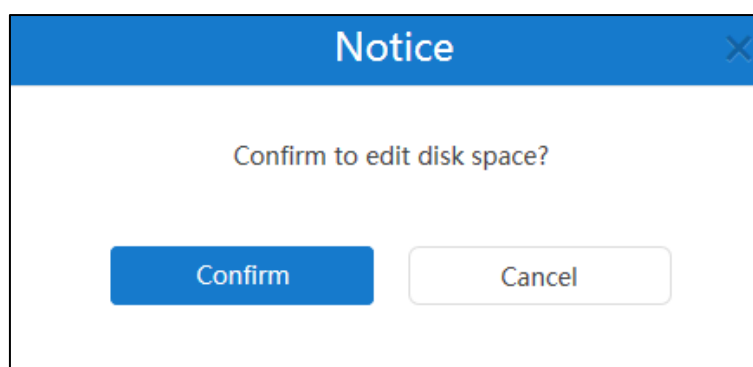
To configure the storage path:

1. Click **System**->**System Settings**->**Disk space**.
2. Click **Browse** and then select the desired path in the **Default storage path** field.
3. (Optional.) Check **System will send email to inform when more than 80% disk space are used** checkbox.

The checkbox is checked by default.

4. Click **Confirm**.

The notice is displayed as below:



5. Click **Confirm**.

Allocating the Space Quota

You can allocate the space quota for **Call history**, **Syslog**, **Device log**, **Backup space** and **Device firmware** manually.

Note that the quotas should be integers. Moreover, the actual minimum quota is the maximum value between the default quota and used quota. For example, the default quota of call history

is 10G and the used quota of call history is 0G, so the minimum quota is 10G. If the used quota of call history is 12G, the minimum quota is 12G. And the total quota of call history, syslog, device log, backup space and device firmware quota should not be more than the available space of specified storage path.

To allocate the space quota:

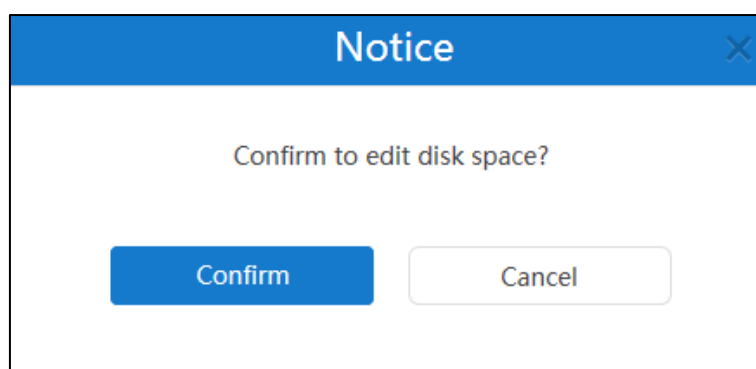
1. Click **System**->**System Settings**->**Disk space**.
2. Enter the quota of **Call history**, **Syslog**, **Device log**, **Backup space** and **Device firmware** respectively in the corresponding field.

In the **Syslog** field, click **Details**, enter the percentage of **Web**, **FreeSwitch**, **MCU**, **Turn Server** and **WebRTC** in the corresponding field.

You can view the usage by histogram on the right of page.

3. Click **Confirm**.

The notice is displayed as below:



4. Click **Confirm**.

Note

If storage quota is full, the old files will be covered automatically. If you want to release the storage, you can click **Clean up**.

Security Management

To prevent YMS from a malicious attack, YMS supports blacklist. You can view the blacklist or delete blacklist.

Registration Blacklist

When users fail to register the one YMS account 5 times in a minute using the same IP address, the users will be recorded in the blacklist and cannot register YMS accounts in a certain period of time.

Viewing Registration Blacklist


To view the registration blacklist:

1. Click **System->Security->Registration blacklist**.

Deleting Registration Blacklist

To unblock users from registering YMS accounts, you can delete the record in the blacklist.

To delete the registration blacklist:

1. Click **System->Security->Registration blacklist**.
2. Click  on the right of the desired record.

Conference Blacklist

When a user fails to join conferences 30 times in a minute by dialing the same conference ID, the user will be recorded in the blacklist and cannot join conferences in a certain period of time.

Viewing Conference Blacklist


To view the conference blacklist:

1. Click **System->Security->Conference blacklist**.

Deleting Conference Blacklist

To unblock users from joining conferences, you can delete the record in the blacklist.

To delete the conference blacklist:

1. Click **System->Security->Conference blacklist**.
2. Click  on the right of the desired record.

IP Call Blacklist

When users make IP calls 100 times in a minute (including place a call to YMS directly or join conferences by URI), the users will be recorded into the blacklist and cannot make IP calls in a certain period of time.

Viewing IP Call Blacklist


To view the IP call blacklist:

1. Click **System->Security->IP call blacklist**.

Deleting IP Call Blacklist

To unblock users from making IP calls, you can delete the record in the blacklist.

To delete the IP call blacklist:

1. Click **System->Security->IP call blacklist**.
2. Click  on the right of the desired record.

System Maintenance

Device Upgrade

You can remotely update VC800/VC500/VC400/VC120/VC110 video conferencing endpoint, SIP VP-T49G IP phone and SIP-T58V IP phone which is registered with the YMS account. Note that only *.rom format file is available.





Enabling Device Upgrade Feature

Before you use device upgrade feature, you need enable **Device upgrade** feature for YMS.

To enable device upgrade feature:

1. Click **System->System Maintenance->Device upgrade**.
2. Check the **Enable** checkbox.

The checkbox is checked by default.

| Device upgrade <input checked="" type="checkbox"/> Enable + Add Batch delete | | | | | | |
|--|-------------------------------------|------------------|--------------|-------------|-------------------------------------|---|
| <input type="checkbox"/> | File name | Firmware version | Device model | Upload time | Set as the latest version | Operation |
| <input type="checkbox"/> | T49-51.24.0.1.rom | 51.24.0.1 | T49G | 2017/11/24 | <input checked="" type="checkbox"/> |   |
| <input type="checkbox"/> | VC800(VCC22,VC500)-63.31.254.60.rom | 63.31.254.60 | VC800/VC500 | 2017/11/23 | <input type="checkbox"/> |   |

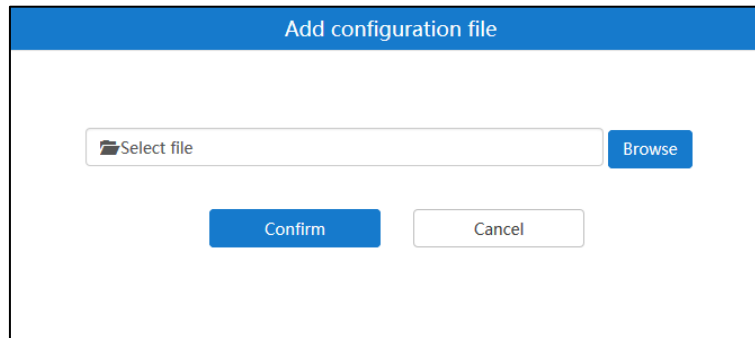
Adding Configuration Files

The configuration file is the firmware of device. You can add configuration files to update devices.

To add configuration files:

1. Click **System->System Maintenance->Device upgrade**.
2. On the top-right of page, click **Add**.

3. Click **Browse** to add configuration files.

A dialog box titled "Add configuration file" with a blue header bar. Inside, there is a text input field with a file icon and the placeholder text "Select file". To the right of the input field is a blue button labeled "Browse". Below the input field, there are two buttons: a blue button labeled "Confirm" and a white button with a gray border labeled "Cancel".

4. Click **Confirm**.


The page will display the upload progress. When the configuration file is added successfully, the upload progress reaches 100% and the configuration file you add is displayed in the list.

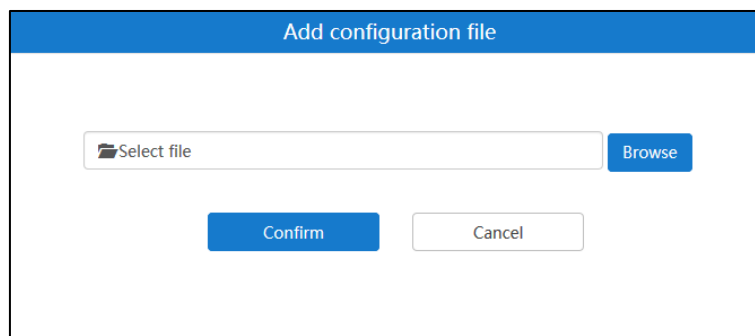
The configuration file will be set to the latest version automatically.

Updating Configuration Files

If the configuration file does not set to the latest version, you can upload a file to update the configuration file.

To update configuration files:

1. Click **System->System Maintenance->Device upgrade**.
2. Check the desired checkbox of configuration file.
3. Click  on the right of page, and the dialog box of **Add configuration file** pops up.
4. Click **Browse** to update configuration file.

A dialog box titled "Add configuration file" with a blue header bar. Inside, there is a text input field with a file icon and the placeholder text "Select file". To the right of the input field is a blue button labeled "Browse". Below the input field, there are two buttons: a blue button labeled "Confirm" and a white button with a gray border labeled "Cancel".

5. Click **Confirm**.


The page will display the upload progress. When the configuration file is added successfully, the upload progress reaches 100% and the configuration file you add is displayed in the list.

Updating Device Firmware

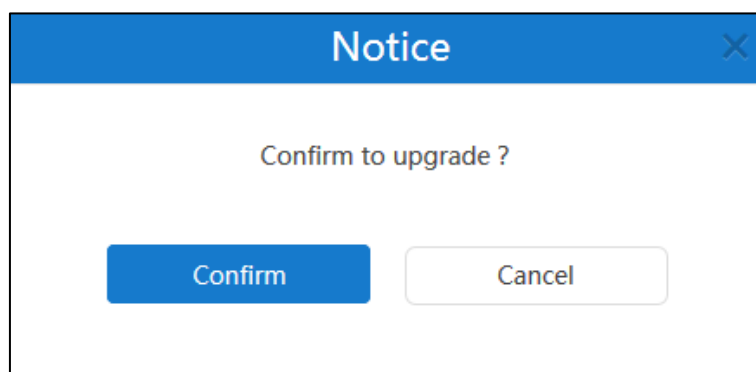
Before you update the device which is registered with YMS account, you need set a

configuration file as the latest version. If the device firmware is not the latest one, it will be updated automatically.

To update device firmware:

1. Click **System->System Maintenance->Device upgrade.**
2. Select the desired configuration file and turn the switch to On in **Set as the latest version** field.
3. Click  on the right of page.

The notice is displayed as below:




4. Click **Confirm** to update the same type of devices.







Deleting Configuration Files

You can delete configuration files which are not set as the latest version.

To delete configuration files:

1. Click **System->System Maintenance->Device upgrade.**
2. In configuration file list, you can do the following:
 - Check the desired checkbox of configuration file, click  on the right of page to delete the configuration file.
 - Check the multiple checkboxes of configuration files.

If you want to check all checkboxes, you can check the checkboxes as following:

| <input checked="" type="checkbox"/> | File name | Firmware version | Device model | Upload time | Set as the latest version | Operation |
|-------------------------------------|----------------------|------------------|--------------|-------------|---------------------------|---|
| <input checked="" type="checkbox"/> | VC110-50.23.0.15.rom | 50.23.0.15 | VC110 | 2017/07/03 | <input type="checkbox"/> |   |
| <input checked="" type="checkbox"/> | VC400-30.23.0.15.rom | 30.23.0.15 | VC400 | 2017/07/03 | <input type="checkbox"/> |   |
| <input checked="" type="checkbox"/> | T49-51.23.0.15.rom | 51.23.0.15 | T49G | 2017/07/03 | <input type="checkbox"/> |   |

On the top-right of page, click **Batch delete** to delete configuration files.

Backup/Restore

The configuration file except the license and logs of YMS can be exported and saved as a

backup to disk. When the server fails, you can restore the data with backup.

Auto Backup Settings

You can make regular backups of the configuration data. Auto backup settings contain cycle, date and maximum backup number.

To configure the auto backup settings:

1. Click **System->System Maintenance->Backup/Restore**.
2. On the top-right of page, click **Auto backup settings**.
3. Configure the auto backup settings.
4. Click **Confirm**.

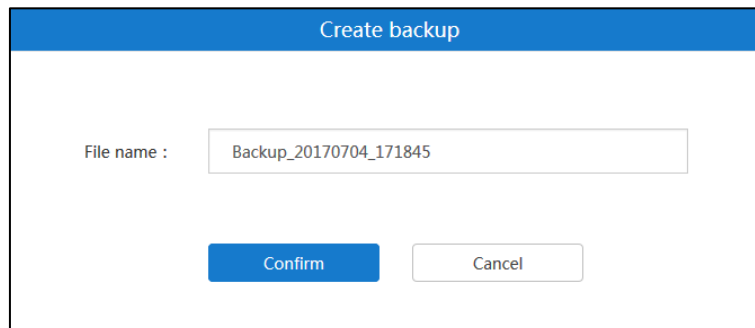
Creating a Backup Manually

You can create a backup of YMS manually.

To create a backup:

1. Click **System->System Maintenance->Backup/Restore**.
2. On the top-right of page, click **Create backup**.
3. Enter the file name in the **File name** field.

The file is name after Backup_date_time automatically.




4. Click **Confirm**.

Downloading a Backup

You can download the desired backup.

To download a backup:


1. Click **System->System Maintenance->Backup/Restore**.
2. Check the desired checkbox of backup.
3. Click  on the right of page to download the backup, and then save it to the local system.

Restoring a Backup

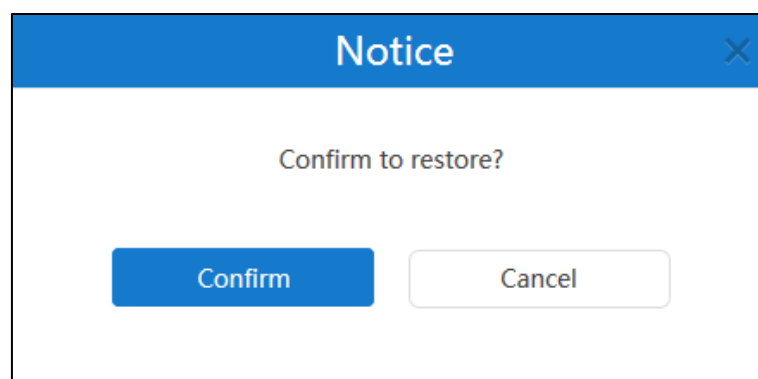
Restoring a backup by Selecting a Backup Directly

In backup list, you can select the desired backup to restore.

To restore a backup:

1. Click **System->System Maintenance->Backup/Restore**.
2. Check the desired checkbox of backup.
3. Click  on the right of page.

The notice is displayed as below:



4. Click **Confirm**, YMS will reboot to make the change take effect.

Restoring a backup by Uploading a Backup

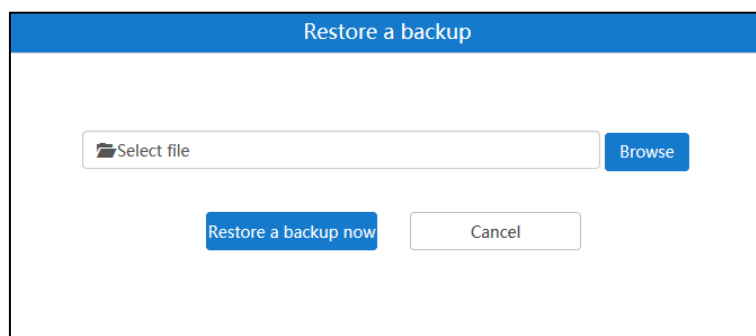
You can upload the backup saved in your computer to restore. You can upload a backup when you are in one of the following scenarios:

- If the current backup was saved in your computer and the YMS is reset to factory, you need upload the backup to restore settings.
- If the backup of other YMS was saved in your computer, you can upload the backup to apply to the current YMS.

To restore a backup:

1. Click **System->System Maintenance->Backup/Restore**.


- Click **Upload backup file**, the dialog box of **Restore a backup** pops up.












- Click **Browse** to select a backup.
- Click **Restore a backup now**, YMS will reboot to make the change take effect.

Deleting a Backup

To delete a backup:

- Click **System->System Maintenance->Backup/Restore**.
- Check the desired checkbox of backup.
- In the backup list, you can do the following:
 - Check the desired checkbox of backup, click  on the right of page to delete the backup.
 - Check the multiple checkboxes of backup.

If you want to check all checkboxes, you can check the checkboxes as following:

| <input checked="" type="checkbox"/> | File name | File size(MB) | Build time | Operation |
|-------------------------------------|-----------------------------------|---------------|---------------------|---|
| <input checked="" type="checkbox"/> | AutoBackup_20170704_040000.tar.gz | 5.78 | 2017/07/04 16:00:00 |    |
| <input checked="" type="checkbox"/> | AutoBackup_20170703_040000.tar.gz | 5.05 | 2017/07/03 16:00:00 |    |
| <input checked="" type="checkbox"/> | AutoBackup_20170702_040000.tar.gz | 4.83 | 2017/07/02 16:00:00 |    |

Click **Batch delete** to delete backups.

System Upgrade

Viewing System Information

You can view the current version and package time of YMS.

To view the system information:

- Click **System->System Maintenance->System upgrade**.

Upgrading System

When a new version is available, you can upgrade YMS. The latest version can be obtained from

Yealink.

To upgrade system:

1. Click **System**->**System Maintenance**->**System upgrade**.
2. Click **Browse** to upload the latest version.
3. Click **Upgrade**, YMS will reboot to finish update automatically.

Note The YMS supports the files in the format of .tar.gz.

Reboot/Reset to Factory

Resetting to Factory

You can reset to factory when you encounter problems using YMS.

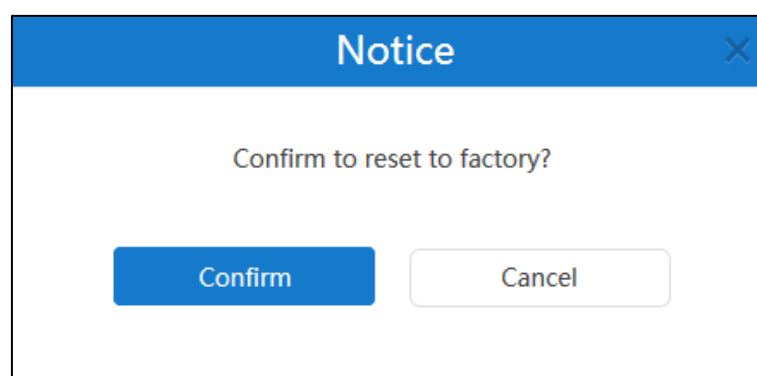
Do one of the following to reset to factory:

- **Only clear configuration information under system settings module:** Only server configurations information will be cleared. The user information (meeting rooms, account information, conference information will be saved. But conference history, call history, log files and so on will not be saved.
- **Clear all user data:** All user data will be cleared.

To reset to factory:

1. Click **System**->**System Maintenance**->**Reboot/Factory reset**.
2. Select **Only clear configuration information under system settings module**.
3. Click **Reset**.

The notice is displayed as below:



4. Click **Confirm** to reset to factory.

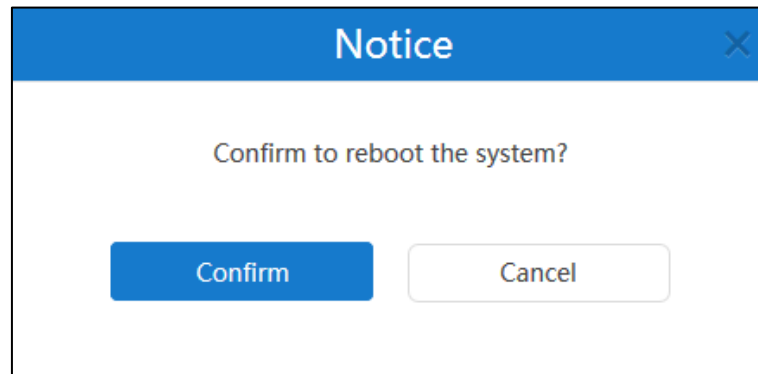
Reboot

When YMS fails to upgrade, for example if it remains on the Account Management page, you can choose to reboot the system.

To reboot system:

1. Click **System**->**System Maintenance**->**Reboot/Factory reset**.
2. Select **Reboot system**.
3. Click **Reboot**.

The notice is displayed as below:



4. Click **Confirm** to reboot the system.

Licenses Management

Video Port Licenses

If interactive parties want MCU to process video image or users want to register accounts, you can activate a video port license. You need purchase the license from Yealink.

When the video port is insufficient, interactive parties can only join conference by audio call. YMS supports extra 40 audio ports.

Activating the Video Port License

You can activate the video port license to enable video ports.

To activate the video port license:

1. Click **System**->**Licenses**->**Video port**.
2. Enter the license number in the **License** field.
3. Click **Activate the license**.

License information is displayed as below:

Licenses

| | |
|-------------------|---|
| License : | bIUeIpV0/BtIYf8IwwCCQ+2/V9ChEt/uvdaI9F+pDvitXMYza4nS5TzvkJZ+h |
| Activation type : | Offline |
| Status : | Activation |
| Current ports : | 100 |
| Valid time : | 3 month(s) |
| Expired date : | 2017/10/04 |

Renew license

Renewing the Video Port License

To renew the video port license:

1. Click **System->Licenses->Video port**.
2. Click **Renew license**.
3. Enter the license number in the **License** field.
4. Click **Confirm** to renew the license.

Broadcasting Port Licenses

If the video port license is activated, you can activate a broadcasting (only receive but not send video and audio) port license to use the broadcasting interactive feature. You need purchase the license from Yealink.

Activating the Broadcasting Port License

You can activate the broadcasting port license to enable broadcasting ports.

To activate the broadcasting port license:

1. Click **System->Licenses->Broadcast port**.
2. Enter the license number in the **License** field.
3. Click **Activate the license**.

License information is displayed as below:

Licenses

| | |
|-------------------|--|
| License : | bIUeIpV0/BtIYf8IwwCCQ+2/V9ChEt/uvdaI9F+pDvitXMYzxa4nS5TzvkJZ+h |
| Activation type : | Offline |
| Status : | Activation |
| Current ports : | 100 |
| Valid time : | 3 month(s) |
| Expired date : | 2017/10/04 |

Renew license

Renewing the Broadcasting Port License

To renew the broadcasting port license:

1. Click **System->Licenses->Broadcast port**.
2. Click **Renew license**.
3. Enter the license number in the **License** field.
4. Click **Confirm** to renew the license.

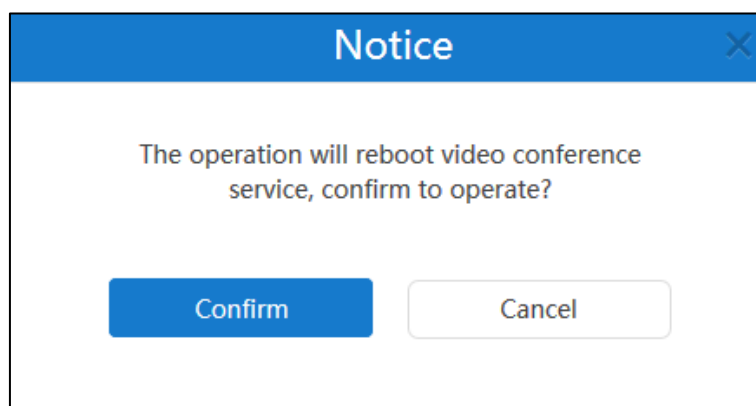
Importing Trusted CA Certificates

When you access YMS by domain name, the browser will prompt you that it is insecure. To solve this problem, you need import trusted CA certificates related to domain name.

To import trusted CA certificates:

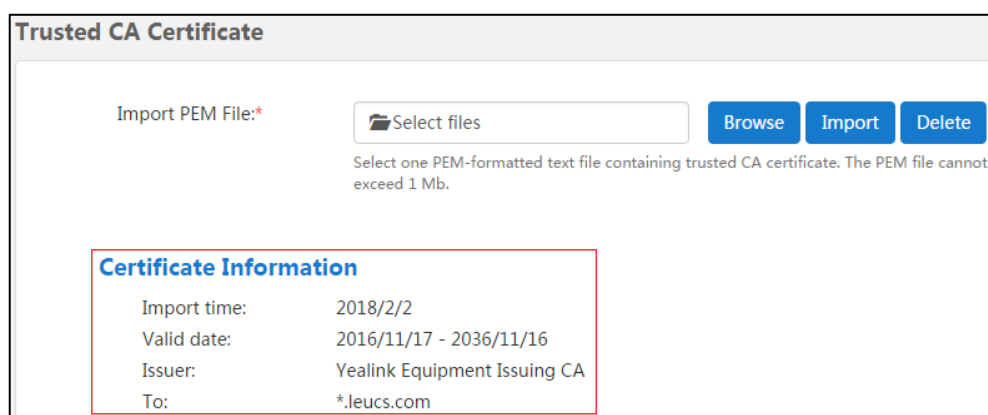
1. Click **System->Licenses->Trusted CA Certificate**.
2. Click **Browse**, and then select trusted CA certificates.
3. Click **Import**.

The notice is displayed as below:



4. Click **Confirm**.

Certificate information is displayed as below:



System Logs

System logs record the information about devices and YMS problem, and it can also record the event that occurs in the YMS. Enterprise administrator can check the reason of problems or look for the trace of attacks.

Server Logs

Syslog Server Settings

You can configure remote syslog server to collect operation logs and system logs.

To configure the syslog server settings:

1. Click **System->System Log->Server log**.
2. On the top-right of page, click **Syslog server settings**.

3. Configure the syslog server.

Syslog server settings

Server address

10.2.61.200

The IP address of the remote syslog server.

Port(1~65535)*

514

The port on the remote syslog server.

Transport protocol*

UDP

The transport protocol used to connect to the remote syslog server.

Confirm

Cancel

Parameters are described below:

| Parameter | Description |
|---------------------------|--|
| Server address | Specify the IP address of the remote syslog server. |
| Port (1~65535) | Specify the port on the remote syslog server. Default: 514 |
| Transport protocol | Configure the type of transport protocol used to communicate with the remote syslog server. <ul style="list-style-type: none"> UDP—provides best-effort transport via UDP. TCP—provides reliable transport via TCP. TLS—provides secure communication via TLS. Default: UDP |

4. Click **Confirm**.

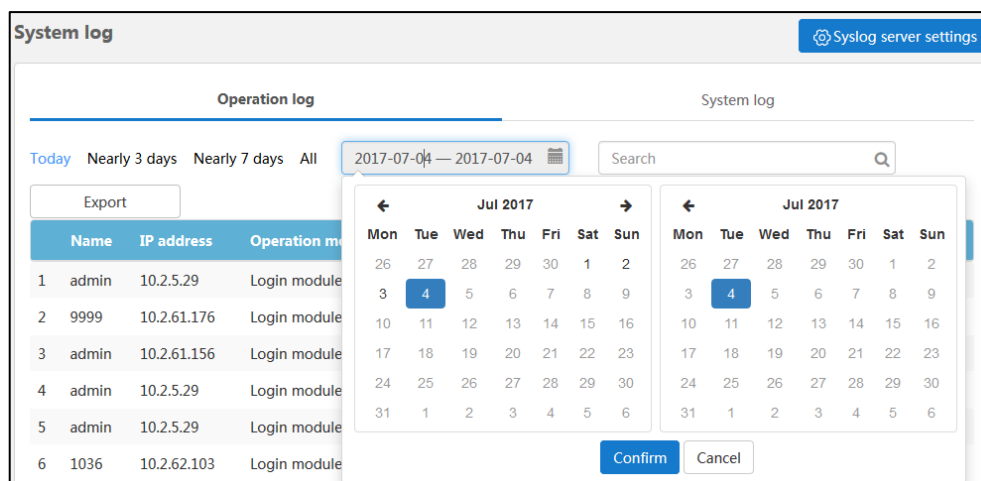
Operation Logs

Operation logs record the changes, including access logs and configuration changes.

To view the operation log:

- Click **System->System Log->Server log**.
- Select **Operation log**.
- Click **Today**, **Nearly 3 days**, **Nearly 7 days** or **All**, the page will display the operation log of the selected time.

You can also select the start time and end time in the date selection box.



- Click **Export** to export the operation logs.

The following is an example of operation logs:

| NO. | UserName | Module/Menu | Operation/Time | Remark |
|-----|----------|--|----------------------|---------------------------------|
| 1 | admin | SystemManager(Configuration backup/restore | 2016-12-07T16:02:41Z | Download the backup successful! |
| 2 | admin | Login/Login | 2016-12-07T16:01:05Z | Account admin login success! |
| 3 | admin | Login/Login | 2016-12-07T15:57:10Z | Account admin login success! |
| 4 | 2221 | Login/Login | 2016-12-07T15:56:40Z | Account 2221 login success! |
| 5 | admin | Login/Login | 2016-12-07T15:42:32Z | Account admin login success! |
| 6 | admin | SystemManager(Configuration backup/restore | 2016-12-07T15:36:05Z | Download the backup successful! |
| 7 | admin | SystemManager(Configuration backup/restore | 2016-12-07T15:36:01Z | Download the backup successful! |
| 8 | admin | SystemManager(Terminal/AutoUpgrade | 2016-12-07T15:21:53Z | Delete terminal config success! |
| 9 | admin | 登录模块/登录模块 | 2016-12-07T15:19:28Z | 账号admin登录成功! |
| 10 | 4201 | Login/Login | 2016-12-07T15:18:53Z | Account 4201 login success! |
| 11 | 4201 | Login/Login | 2016-12-07T15:17:31Z | Account 4201 login success! |
| 12 | admin | 登录模块/登录模块 | 2016-12-07T15:16:34Z | 账号admin登录成功! |
| 13 | 2221 | Login/Login | 2016-12-07T15:14:44Z | Account 2221 login success! |
| 14 | admin | Login/Login | 2016-12-07T15:14:31Z | Logout success! |
| 15 | 1222 | Login/Login | 2016-12-07T15:13:08Z | Account 1222 login success! |
| 16 | admin | 登录模块/登录模块 | 2016-12-07T15:10:39Z | 账号admin登录成功! |
| 17 | 1256 | 登录模块/登录模块 | 2016-12-07T15:08:35Z | 账号1256登录成功! |
| 18 | admin | Login/Login | 2016-12-07T15:02:09Z | Account admin login success! |
| 19 | admin | SystemManager(Terminal/AutoUpgrade | 2016-12-07T15:00:53Z | Add terminal config success! |
| 20 | 4004 | Login/Login | 2016-12-07T14:57:18Z | Account 4004 login success! |
| 21 | 4004 | Login/Login | 2016-12-07T14:57:16Z | Account 4004 login success! |
| 22 | admin | Login/Login | 2016-12-07T14:57:02Z | Logout success! |
| 23 | 4004 | Login/Login | 2016-12-07T14:56:44Z | Account 4004 login success! |
| 24 | 4004 | Login/Login | 2016-12-07T14:56:39Z | Account 4004 login success! |
| 25 | admin | Login/Login | 2016-12-07T14:56:34Z | Logout success! |
| 26 | 4002 | Login/Login | 2016-12-07T14:55:41Z | Account 4002 login success! |
| 27 | admin | Login/Login | 2016-12-07T14:55:33Z | Logout success! |

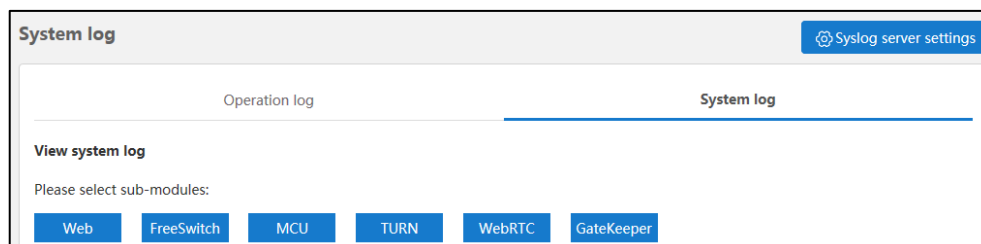
System Logs

System logs record conference logs.

You can export **Web**, **FreeSwitch**, **MCU**, **TURN**, **WebRTC** or **GateKeeper** logs and save these in your computer.

To view the system log:

- Click **System->System Log->Server log**.
- Select **System log**.
- Select the desired type of system logs, and then click **Web**, **FreeSwitch**, **MCU**, **TURN**, **WebRTC** or **GateKeeper**, the selected type is blue.



- Click **Today**, **Nearly 3 days**, **Nearly 7 days** or **All**.

You can also select the start time and end time in the date selection box.

Please select the desired time to export syslog :

Today Nearly 3 days Nearly 7 days All

2017-07-04 — 2017-07-04

Export

Jul 2017

| Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-----|-----|-----|-----|-----|-----|-----|
| 26 | 27 | 28 | 29 | 30 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 1 | 2 | 3 | 4 | 5 | 6 |

Confirm Cancel

- Click **Export** to export the system logs and save in your computer.

Device Logs

You can enable the **Device log** feature. After you enable it, the device logs will occupy a certain amount of bandwidth. System performance may vary according to the number of devices. Device logs contain SIP information, when devices interact with YMS, the information is generated.

To view the device log:

- Click **System->System Log->Device log**.
- Check the **Enable** checkbox to enable the Device log feature.

Device log ☒ Enable

All types All status Search

| Name | Account | Device model | IP adress | Status | Operation |
|------|---------|--------------|-----------|--------|-----------|
|------|---------|--------------|-----------|--------|-----------|

- Select the desired device type from the pull-down list, the page will display devices of the selected type.

Device log ☒ Enable

All types All status Search

| Account | Device model | IP adress | Status | Operation |
|---------|--------------|-------------|---------|-----------|
| 9403 | WEB | 10.2.61.3 | Offline | 📄 |
| 9375 | WEB | 10.2.61.3 | Offline | 📄 |
| 9023 | WEB | 10.2.61.3 | Offline | 📄 |
| 1017 | VP-T49G | 10.15.84.18 | Offline | 📄 |
| 9410 | WEB | 10.2.61.3 | Offline | 📄 |

4. Select the desired status from the pull-down list, the page will display the device logs of the selected status.

Device log ☒ Enable

All types All status

| | Name | | Device model | IP address | Status | Operation |
|---|------|------|--------------|------------|---------|-----------|
| 1 | 9403 | 9403 | WEB | 10.2.61.3 | Offline | |
| 2 | 9375 | 9375 | WEB | 10.2.61.3 | Offline | |

5. Click on the right of desired device log.

Export device log

Please select the desired time to export syslog

[Today](#) [Nearly 3 days](#) [Nearly 7 days](#) [All](#)

Export

6. Select the desired time to export syslog, and then click **Export** to export the device log.

Account Management

YMS allows you to manage user accounts in a hierarchical manner, and you can also manage room system accounts and the third-party devices.

The differences between user accounts, room system accounts and third-party devices are listed below:

| Type | Description | Note |
|-----------------------------|---|--|
| User accounts | Users can log into devices using the account. An account can be used to log into five devices at most simultaneously. | They are called as YMS accounts. YMS can store up to 10000 accounts at most. |
| Room system accounts | The account is used to log into YMS by devices in the video meeting room. An account can be used to log into five devices at most simultaneously. | |
| Third-party devices | The devices without YMS accounts. | No |

This chapter introduces how to manage accounts, Topics include:

- [Department Management](#)
- [Adding User Accounts](#)
- [Adding Room System Accounts](#)
- [Adding Third-Party Devices](#)
- [Viewing Accounts](#)
- [Sending Emails to YMS Accounts](#)
- [Editing Accounts](#)
- [Deleting Accounts](#)

Department Management

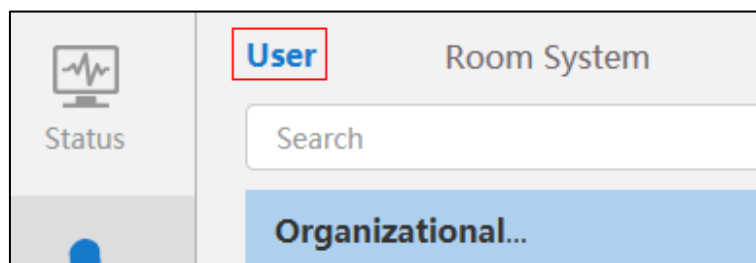
You can add departments according to the enterprise organization to manage user accounts in a hierarchical manner.

The default name in root node is your enterprise name. It depends on license. You can manage the department's accounts and subordinate department's accounts.

Adding Departments

To add departments:

1. Click **Account->User**.




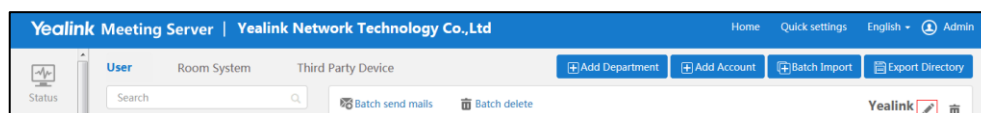
2. On the top-right of page, click **Add Department**.
3. Enter the name of department in the **Name** field.
4. Click **Select** in the **Upper department** field, and then select the desired department.
5. Click **Confirm**.

Editing Department Information

If the department information has changed, you can edit the name and upper department.

To edit department information:

1. Click **Account->User**.
2. In the Organizational Structure list, select the desired department, and then click  on the right of page.



3. Edit the corresponding parameters.
4. Click **Confirm**.

Editing Upper Departments Quickly

If the upper department has changed, you can edit upper departments quickly.


To edit upper departments quickly:

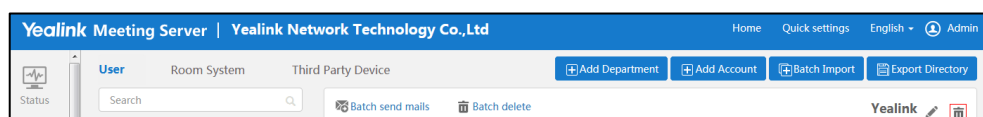
1. Click **Account->User**.
2. In the Organizational Structure list, drag the department under your desired upper department.

Deleting Departments

If the enterprise organization has been simplified, you can delete the department. Note that if there are children departments or user accounts in the department, you cannot delete the department.

To delete departments:

1. Click **Account->User**.
2. In the Organizational Structure list, select the desired department, and then click  on the right of page to delete the department.



Adding User Accounts

User Accounts Parameters

When you add user accounts, you should know user accounts parameters.

Parameters are described below:

| Parameter | Description |
|-------------------------------|---|
| Manner | <p>If the LDAP feature is enabled, specify the way of adding accounts.</p> <p>The available ways are:</p> <ul style="list-style-type: none"> • Manual: you should add names and accounts manually. • Obtain from AD server: according to the account you specified, you can obtain names and accounts from AD server. |
| Name | If Manual is selected, specify the user's full name. |
| Account | If Manual is selected, specify the account which is used to log into the YMS. |
| Password | If you import user accounts, you can specify the passwords of YMS accounts. |
| AD Account | <p>If Obtain from AD server is selected, specify the account which is used to obtain the name and account of AD account from AD server.</p> <p>The specified account should be obtained from AD administrators.</p> |
| Obtain | Obtain the name and account of AD account from the specified account. |
| Enable GK registration | <p>If the YMS registers to the embedded GK, enable or disable the account to be registered by H.323 protocol.</p> <p>Default: Disabled</p> |

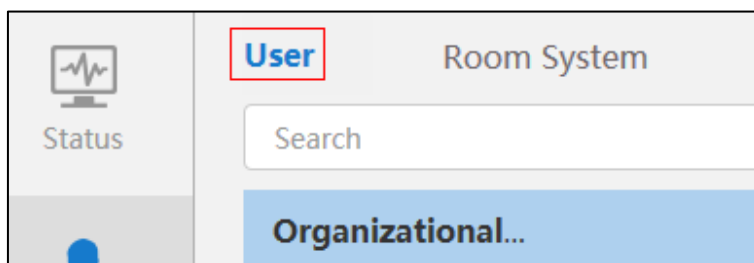
| Parameter | Description |
|------------------------------|--|
| Enable authentication | Enable or disable the account to be registered with any password or without the password. Default: Disabled. The account can be registered with any password or without the password. |
| Email | Email address of the user. This email address is used to receive the initial password and conference notification. |
| Department | Name of the department to which the user is added. |
| Authority | <p>The rights you want to assign to the user.</p> <p>The available rights for YMS are:</p> <ul style="list-style-type: none"> • A: All users, room system accounts, the permanent VMRs which are added to enterprise directory and the third-party devices within the enterprise are visible. • B: The users, room system accounts and the permanent VMRs which are added to enterprise directory within the enterprise within the same level and subordinate deployments are visible. If the user is in root node, the third-party devices are also visible. • C: The users, room system accounts and the permanent VMRs which are added to enterprise directory within the department are visible. • D: Only you are visible. When the user schedule conferences, all meeting rooms are not visible. • E: Customize the users, room system accounts, the permanent VMRs which are added to enterprise directory and the third-party devices which are visible. |

Note You cannot import the users with the E-level right.

Adding User Accounts Manually

To add user accounts manually:

1. Click **Account->User**.



2. In the Organizational Structure list, select the desired department, and then click **Add Account** on the top-right of page.
3. Configure the user accounts parameters.
4. Click **Confirm**.

The account details are displayed as below:

| 1. General information | 2. Add success |
|--|----------------|
| <p>Operation Successful</p> <p>AD account: guoj</p> <p>Account: 7003</p> <p>Name: guoj</p> <p>Password: 789682</p> <p>Email: chen@yealink.com</p> <p>Department: Yealink Network Technology Co.,Ltd</p> <p>Authority: A: All contacts are visible</p> <p>Server address: mcu.leucs.com</p> | |
| <p>Send email OK</p> | |

5. If you entered the email address parameter, click **Send email**, the account information will be sent to users by email.
6. Click **Ok** to finish.

Note

If you do not set a new user's email parameters, please send the user's initial password to the user and remind the user to change the password promptly.

Importing User Accounts

If you want to add multiple accounts quickly, you can import accounts by .xls files. Note that you cannot customize template, you need download a blank template first.

To import user accounts:

1. Click **Account->User**.
2. On the top-right of page, click **Batch Import**.
3. If the LDAP feature is enabled, click **Template download** or **Template download (AD)** to download a blank .xls file.
4. Add the user account parameters to the template and save it in your computer.
5. According to the type of template, select **Ordinary** or **AD**.
6. Click **Browse** to import the file saved in your computer.

The screenshot shows a web interface for importing user accounts. At the top, it states "Only .xls format file is available" and "Only .xls format file is available, you can import 1000 accounts at most each time." Below this is a "Select file" button with a folder icon. To the right is a blue "Browse" button. At the bottom, there are three buttons: "Save and send" (blue), "Confirm" (blue), and "Cancel" (white with a grey border).

7. If you entered the email address parameter, click **Save and send**, the account information will be sent to users by email.
8. Click **Confirm** to import accounts.

Note

If you add user accounts by importing a .xls file, those accounts cannot be registered by H.323 protocol. If you want to allow those to be registered by H.323 protocol, contact Yealink technical support engineer.

Adding Room System Accounts

You can add room system accounts. The account is used to be associated with the device in the video meeting room.

To add room system accounts:

1. Click **Account->Room System**.

The screenshot shows a web interface for managing accounts. On the left is a sidebar with a "Status" icon. The main area has three tabs: "User", "Room System" (which is highlighted with a red box), and "Third Party Device". Below the tabs is a search bar with a magnifying glass icon. At the bottom, there are two buttons: "Batch send mails" (with an envelope icon) and "Batch delete" (with a trash can icon).

2. On the top-right of page, click **Add Account**.

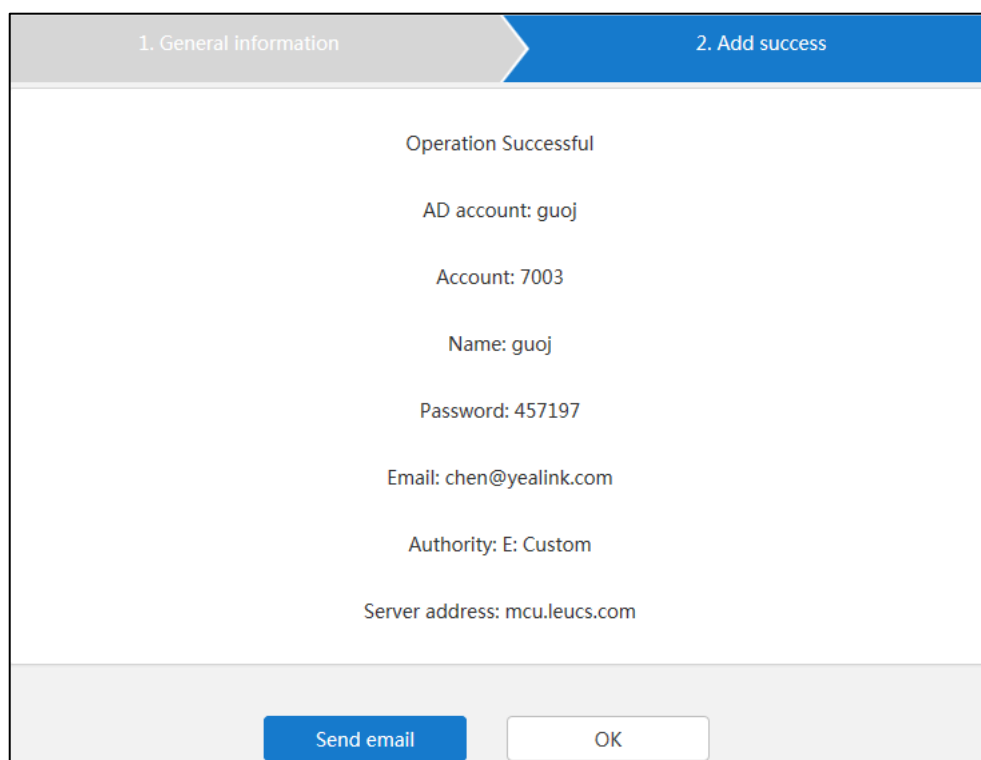
3. Enter the corresponding parameters.

Parameters are described below:

| Parameter | Description |
|-------------------------------|---|
| Manner | <p>If the LDAP feature is enabled, specify the way of adding accounts.</p> <p>The available ways are:</p> <ul style="list-style-type: none"> • Manual: you should add names and accounts manually. • Obtain from AD server: according to the account you specified, you can obtain names and accounts from AD server. |
| Name | If Manual is selected, specify the user's full name. |
| Account | If Manual is selected, specify the account which is used to log into the YMS. |
| AD Account | <p>If Obtain from AD server is selected, specify the account which is used to obtain the name and account of AD account from AD server.</p> <p>The specified account should be obtained from AD administrators.</p> |
| Obtain | Obtain the name and account of AD account from the specified account. |
| Enable GK registration | <p>If the YMS registers to the embedded GK, enable or disable the account to be registered by H.323 protocol.</p> <p>Default: Disabled</p> |
| Enable authentication | <p>Enable or disable the account to be registered with any password or without the password.</p> <p>Default: Disabled</p> |
| Email | Email address of the user. This email address is used to receive the initial password and conference notification. |
| Visible department | The users who are visible to the account. |

4. Click **Confirm**.

The account details are displayed as below:



The screenshot shows a dialog box with two tabs: '1. General information' and '2. Add success'. The '2. Add success' tab is active. The dialog displays the following information:

- Operation Successful
- AD account: guoj
- Account: 7003
- Name: guoj
- Password: 457197
- Email: chen@yealink.com
- Authority: E: Custom
- Server address: mcu.leucs.com

At the bottom, there are two buttons: 'Send email' (blue) and 'OK' (white).

9. If you entered the email address parameter, click **Send email**, the account information will be sent to device owner by email.
5. Click **Ok** to finish.

Note

If you do not set email parameters for a new room system account's, please send the room system account's initial password to the user and remind the user to change the password

Adding Third-Party Devices

If you want to invite the third-party devices to join the conference, you can add them to the enterprise directory.

Third-Party Devices Parameters

When you add third-party devices, you should know the following parameters.

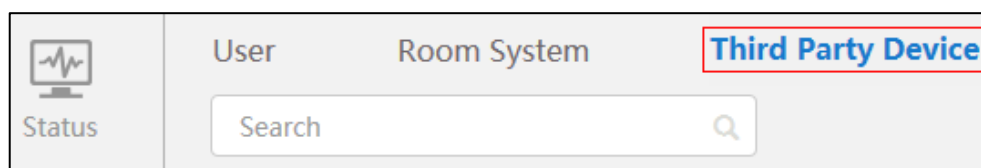
| Parameter | Description |
|-----------------|---------------------------------------|
| Name | The device's full name. |
| Protocol | The call protocol used by the device. |
| Number | The device's URI. |

| Parameter | Description |
|-----------|---|
| Device IP | The device's IP address. |
| Email | The device's email address. This email address is used to receive the initial password and conference notification. |

Adding Third-Party Devices Manually

To add the third-party devices manually:

1. Click **Account->Third Party Device**.



2. On the top-right of page, click **Add Third Party Device**.
3. Configure the third-party devices parameters.

 A screenshot of the 'Add Third Party Device' form. It contains four input fields: 'Name*' with the value 'Jack', 'Number*' with a dropdown menu set to 'SIP' and a text field with '2210@sip.com', 'Device IP*' with the value '192.168.1.15', and 'Email' with the value 'chen@yealink.com'. At the bottom of the form are two buttons: 'Confirm' (blue) and 'Cancel' (white with a grey border).

4. Click **Confirm**.

Importing Third-Party Devices

If you want to add multiple accounts quickly, you can import accounts by .xls files. Note that you cannot customize template, you need download a blank template first.

To import third-party devices:

1. Click **Account->Third Party Device**.
2. On the top-right of page, click **Batch Import**.
3. Click **Template download** to download a blank .xls file.
4. Add the third-party devices parameters to the template and save it in your computer.

- Click **Browse** to import the file saved in your computer.

Only .xls format file is available

Only .xls format file is available, you can import 1000 unionAccounts at most each time.

Select file

Browse

Confirm

Cancel

- Click **Confirm**.

Viewing Accounts

Viewing User Accounts

To view the user accounts details:

- Click **Account->User**.
- On the top-right of page, click **Export Directory** to export the file, and then save it in the local system.

Viewing Third-Party Devices

To view the third-party devices:

- Click **Account->Third Party Device**.
- On the top-right of page, click **Export** to export the file, and then save it in the local system.

The following is an example of file:

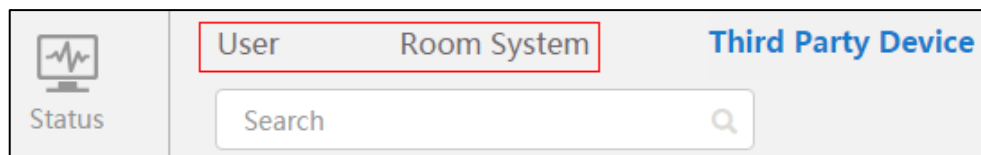
| Name * | Protocol * | Number * | Device IP * | E-mail |
|--------|------------|----------|-------------|--------|
| Test | H323 | 90000 | 10.2.5.61 | |
| Test 2 | SIP | 1008 | 10.2.61.6 | |

Sending Emails to YMS Accounts


If the YMS accounts are associated with emails, you can send emails to tell their users about the account information.

To send emails to YMS accounts:

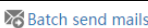








1. Click **Account->User** or **Account->Room System**.



2. In the account list, you can do the following:

- Check a checkbox, click  on the right of page to send an email.
- Check the multiple checkboxes.

If you want to check all checkboxes, you can check the checkbox as following:

|  Batch send mails | |  Batch delete | | Test  | | |
|--|------------------|--|--------------------------|--|----------------|---|
| <input checked="" type="checkbox"/> | Name ^ | Account ^ | Department | Email | Build tim... ^ | Operation |
| <input checked="" type="checkbox"/> | 1 2078 | 2078 | Yealink Network Techn... | chensw@yealink.c... | 2017-09-04 |    |
| <input checked="" type="checkbox"/> | 2 2081-Portugues | 2081 | Yealink Network Techn... | | 2017-09-04 |    |

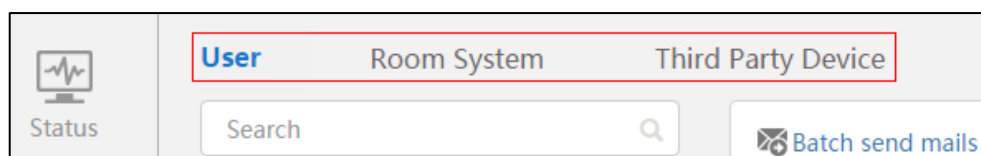
(Take the user account list for example)


Click **Batch send mails** to send emails in the batch.

Editing Accounts

To edit accounts:

1. Click **Account->User**, **Account->Room System** or **Account->Third Party Device**.



2. Check the desired checkbox of account, and then click  on the right of page to edit accounts.
3. Edit the corresponding parameters, and then save the change.

If the user account or room system account is associated with an email address, it will receive an email which informs you the account information is edited.

Note

If the user accounts or third-party devices are created by importing accounts, you can edit accounts information in the original .xls file which is used to be imported to YMS.

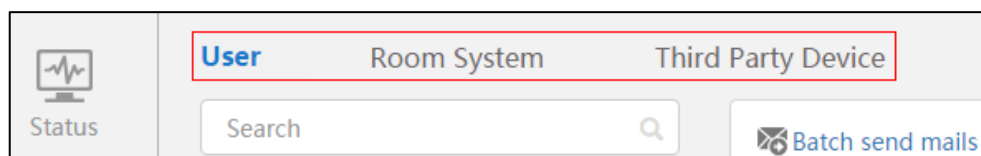
If you want to quickly edit the department to which the user is added, you can drag the user account to your desired departments in the Organizational Structure list.


If the conference which is scheduled by the user account or room system account is ongoing, you cannot edit the account.

Deleting Accounts









To delete accounts:

1. Click **Account->User**, **Account->Room System** or **Account->Third Party Device**.



2. In the account list, you can do the following:
 - Check the desired checkbox of account., click  on the right of page to delete the account.
 - Check the multiple checkboxes.

If you want to check all checkboxes, you can check the checkbox as following:

|  Batch send mails | |  Batch delete | | Test  | | |  |
|--|------------------|--|--------------------------|--|----------------|---|---|
| <input checked="" type="checkbox"/> | Name ^ | Account ^ | Department | Email | Build tim... ^ | Operation | |
| <input checked="" type="checkbox"/> | 1 2078 | 2078 | Yealink Network Techn... | chensw@yealink.c... | 2017-09-04 |  |  |
| <input checked="" type="checkbox"/> | 2 2081-Portugues | 2081 | Yealink Network Techn... | | 2017-09-04 |  |  |

(Take the user account list for example)

Click **Batch delete** to delete accounts in the batch.

If the user account or room system account is associated with an email address, it will receive an email which informs you the account and relate data are deleted.

Note

If the conference which is scheduled by the user account or room system account is ongoing, you cannot delete the account.

Meeting Room Management

You can view, edit and delete entity meeting rooms and permanent Virtual Meeting Rooms (VMRs).

Meeting rooms include entity meeting rooms and permanent VMRs. The differences between these are listed below:

| Difference | Mode | Description | |
|------------|----------------------|---|--|
| Definition | Entity meeting rooms | YMS integrates with OA, users can use the meeting room to schedule conferences. For more information, please refer to Yealink Meeting Server User Guide . | |
| | Permanent VMRs | Users can join the permanent VMR at any time. But permanent VMRs cannot be used to schedule conferences. | |
| Category | Entity meeting rooms | General meeting rooms | The general meeting rooms do not have devices. |
| | | Video meeting rooms | The video meeting rooms have devices. |
| | Permanent VMRs | No | |

This chapter introduces how to manage meeting room, Topics include:

- [Adding Meeting Rooms](#)
- [Editing or Deleting Meeting Rooms](#)

Adding Meeting Rooms

Adding General Meeting Rooms

To add general meeting rooms:

1. Click **Meeting Room**.

- On the top-right of page, click **Add Meeting Room**.

The screenshot shows a dialog box titled "Add Meeting Room". It contains two radio buttons for "Type": "Meeting" (selected) and "Video". Below this is a text input field for "Room name" with the placeholder text "Please enter meeting room name". At the bottom, there are two buttons: "Confirm" (blue) and "Cancel" (white).

- Select **Meeting** in the **Type** field.
- Enter the name of meeting room in the **Room name** field.
- Click **Confirm**.

Adding Video Meeting Rooms

To add video meeting rooms:

- Click **Meeting Room**.
- On the top-right of page, click **Add Meeting Room**.
- Select **Video** in the **Type** field.

The screenshot shows a dialog box titled "Add Meeting Room". It contains two radio buttons for "Type": "Meeting" and "Video" (selected). Below this is a text input field for "Room name" with the placeholder text "Please enter meeting room name". Below that is a dropdown menu for "Account bound" with the placeholder text "Please select an account registered on device". At the bottom, there are two buttons: "Confirm" (blue) and "Cancel" (white).

- Enter the name of meeting room in the **Room name** field.
- Select the desired account from the pull-down list of **Account bound**.
The account is used to log into YMS by the Yealink VC device in the video meeting room.
- Click **Confirm**.

Discussion Mode and Training Mode

There are two modes of permanent VMRs: **Discussion mode** and **Training mode**. The differences between these two modes are listed below:

| Difference | Mode | Description |
|------------|------|-------------|
|------------|------|-------------|

| Difference | Mode | Description | |
|-------------------|------------|---|--|
| Role | Discussion | Moderator | Enterprise administrator can specify contacts in enterprise directory as moderators. |
| | | Guest | The participants of the permanent VMR without moderator privileges. |
| | Training | Moderator | Enterprise administrator can specify contacts in enterprise directory as moderators. If broadcasting interactive feature is enabled, moderators are interactive parties by default. |
| | | Lecturer | Moderator can promote any moderator and guest to be lecturers. Lecturers can speak in freely in the conference. |
| | | Guest | The participants of the permanent VMR without moderator privileges. If broadcasting interactive feature is enabled, guests are broadcasting parties by default. |
| Feature Privilege | Discussion | When moderators log into the YMS, moderators can view conferences information, they can also configure messages, call participants, invite participants, search for participants, remove participants, mute or unmute participants, turn on or off video, block or unblock audio, switch the roles between the moderators and guests, control far-end camera, lock or unlock conferences, record conferences, exit conferences and end conferences. | When moderators log into the YMS, moderators can configure the conference layout. |
| | Training | When guests log into the YMS, guests can only view conferences information. | When moderators log into the YMS, moderators can configure the personal layout, allowing/rejecting/ignoring participants to speak, call the roll and switch the roles between the lecturers and moderators/guests. |
| Layout | Discussion | Moderators and guests can view all participants. The default layout depends on the layout you set on YMS. For more information, please refer to Configuring the Default Layout on page 12. | |
| | Training | <ul style="list-style-type: none"> For moderator, they can view all participants by default. The default layout depends on the layout you set on YMS. For more information, please refer to Configuring the Default Layout on page 12. <p>If broadcasting interactive feature is enabled, moderators can view all interactive parties by default.</p> <ul style="list-style-type: none"> For guest, all lecturers are given equal prominence in the layout by default. If there is no lecturer, all guests can only view the reminder of waiting for the lecturer. <p>If broadcasting interactive feature is enabled, for</p> | |

| Difference | Mode | Description |
|-----------------|------------|--|
| | | broadcasting party, all lecturers are given equal prominence in the layout by default. If there is no lecturer, the broadcasting party can only view the reminder of waiting for the lecturer. |
| Speaking | Discussion | Speak freely. |
| | Training | By default, all moderators and guests are muted automatically. If they want to speak, moderators should be unmuted, guests should apply for speaking, and then wait for the moderator to accept the application. |
| Sharing content | Discussion | By default, both moderators and guests can share content. |
| | Training | By default, only moderators and lecturers can share content, guests cannot. |

Adding Permanent Virtual Meeting Rooms

To add permanent VMRs:

1. Click **VMR**.
2. On the top-right of page, click **Add Virtual Meeting Room**.
3. Enter the corresponding parameters.



Parameters are described below:

| Parameter | Description | |
|-------------------------|---|---|
| ID | ID required to join the conference. Default: The range of ID is 20000-89999 | |
| Require password | Enable or disable the password required to join the conference. Default: Enabled | |
| Password | Password to join the conference. | |
| Moderators | They can control the permanent VMRs at any time. For more information, please refer to Yealink Meeting Server User Guide . | |
| Favorites | In conference, you can select the favorites to invite them to join the permanent VMR. | |
| Max participants | Specify the max participants, otherwise the extra participants cannot join the permanent VMR. | |
| Add to directory | The permanent VMR will be added to the enterprise directory in devices. Default: Enabled | |
| Video resolution | Max video resolution | Configure the maximum video resolution. |

| Parameter | Description | |
|---------------------------------|--|--|
| | | <ul style="list-style-type: none"> • 1080P/30FPS • 720P/30FPS • 360P/30FPS • 4CIF • CIF Default: 720P/30FPS. |
| | Max content sharing resolution | Configure the maximum content sharing resolution. <ul style="list-style-type: none"> • 1080P/30FPS • 1080P/15FPS • 1080P/5FPS • 720P/30FPS • 720P/15FPS • 720P/5FPS Default: 1080P/5FPS If you select 1080P/30FPS or 1080P/15FPS as the maximum content sharing resolution, it will bring the problem of high computing performance. |
| Call bandwidth | Limit the bandwidth of media which is received by YMS from individual participants. | |
| Layout | Configure the default layout of conference participants. The conference participants refer to the persons who are in Discussion mode permanent VMRs or the moderators who are in Training mode permanent VMRs. | |
| Broadcasting interactive | If the permanent VMRs are in Training mode and Broadcasting interactive feature is enabled (Enabling Broadcasting Interactive Video Conferences on page 17, enable Broadcasting interactive feature. By default, moderators are interactive parties, others are broadcasting parties. | |
| Roll call option | During the roll call, the called party is unmuted by default. If other participants do not want to hear the called party, you can disable Roll call option feature. | |
| Auto recording | If the Record feature is enabled (Record on page 16), enable Auto recording feature. After you join the permanent VMRs, the conference is recorded automatically. | |

4. Click **Confirm**.

Editing or Deleting Meeting Rooms

You can click **Meeting Room/VMR**, and then click  on the right of page to edit meeting rooms, or click  on the right of page to delete meeting rooms.

Conference Control

You can view, delete and control video conferences.

The video conferences include scheduled conferences, meet now conferences and permanent. This chapter introduces how to manage conferences, Topics include:

- [Viewing Conferences](#)
- [Deleting Conferences](#)
- [Controlling Conferences](#)

Viewing Conferences

You can view ongoing conferences, upcoming conferences in nearly a month. Conference information contains subject, start time, organizers, type, ID and duration.

To view conferences:

1. Click **Conference Control**.
2. Do the following:
 - Click **All** to view all upcoming conferences and ongoing conferences
 - Click **Ongoing Conference** to view ongoing scheduled conferences, ongoing meet now conferences and occupied permanent VMRs.
 - Click **Upcoming Conference** to view upcoming video conferences and idle permanent VMRs.

Deleting Conferences

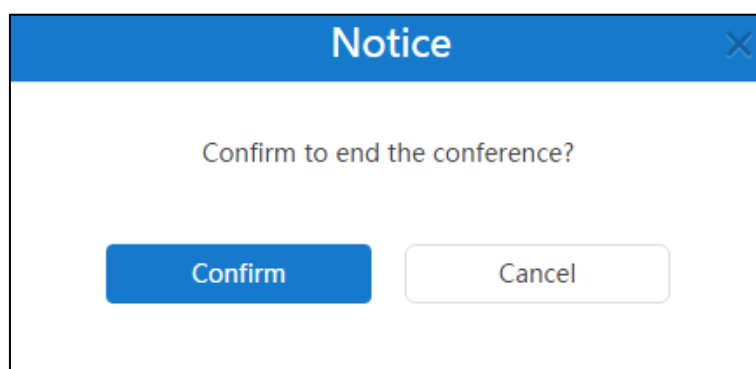
You can delete ongoing conferences, upcoming conferences in nearly a month.

If you want to delete ongoing scheduled conferences, ongoing meet now conferences and occupied permanent VMRs, conferences will end.

To delete conferences:

1. Click **Conference Control**.
2. Click **Ongoing Conference/Upcoming Conference**, and then click  on the right of the desired conference.

The notice is displayed as below:





3. Click **Confirm**.

Controlling Conferences

You can control ongoing scheduled video conferences, ongoing meet now conferences and occupied permanent VMRs, and you can also configure idle permanent VMRs. The conference control includes configuring the conference layout, configuring the personal layout, configuring messages, managing conference participants and so on.

To control conferences:

1. Click **Conference Control**.
2. Do the following to enter conference control page:
 - To control ongoing scheduled video conferences, ongoing meet now conferences and occupied permanent VMRs, click **Ongoing Conference**.
Click  on the right of the desired conference.
 - To control permanent VMRs in idle, click **Upcoming Conference**.
Click  on the right of the desired conference.
3. Perform conference control. For more information, refer to [Yealink Meeting Server User Guide](#).

Conference Statistics

You can view the call statistics of YMS and the records of different call types.

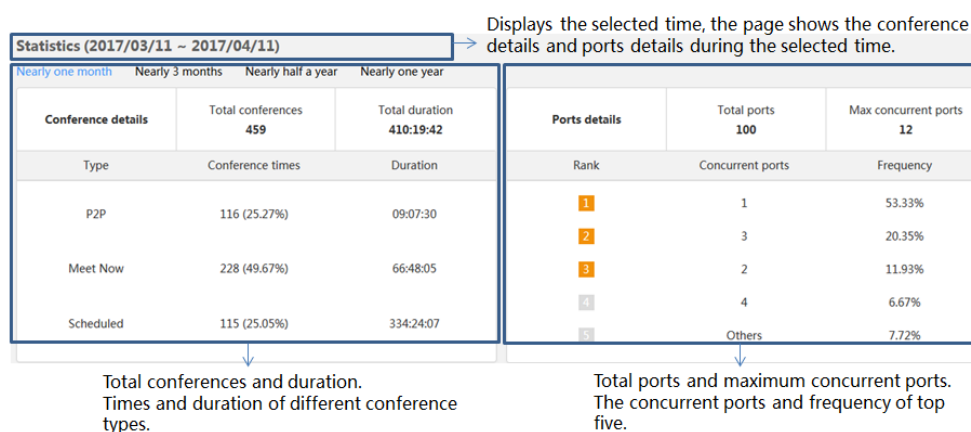
Topics include:

- [Viewing Conference Statistics](#)
- [Viewing Records](#)

Viewing Conference Statistics

You can click **Statistics** to view the conference statistics of YMS.

The page shows as below:



| Name | Description |
|-----------------------|--|
| P2P | If there is a call between two devices, you can invite the other third-party to initiate a conference. |
| Meet Now | They are initiated by the device or by joining the permanent VMRs, without reservation. |
| Scheduled conferences | They are scheduled in advance. |
| Max concurrent ports | They show the maximum concurrent ports during the whole time. |
| Concurrent ports | They show the maximum concurrent ports of the selected time. |

Viewing Records

You can view all calls records, P2P calls records, meet now records and scheduled conference records.

To view records:

1. Click **Statistics**.
2. Select **All**, **P2P**, **Meet Now** and **Scheduled**, the page will display the selected type of conferences.
3. Click the desired call subject or click **View** on the right of page.

| Record | | | | | | |
|--|---------------------------|-----------|-------|--------------------------------|----------|----------------------|
| <div>All P2P Meet Now Scheduled <input type="text" value="Search"/> Q Export</div> | | | | | | |
| | Subject | Type | ID | Time | Duration | Detail |
| 1 | Call from 2550 to Jannie | P2P | -- | 2017/07/04 14:28:05 - 14:28:23 | 00:00:18 | View |
| 2 | Jannie's video conference | Scheduled | 73967 | 2017/07/04 13:55:00 - 14:30:00 | 00:35:00 | View |

4. Click **Export** to export records and save it in your computer.

The following is an example of call records:

| Subject | Type | ID | Start | End | Duration |
|--------------------------|----------|-------|---------------------|---------------------|----------|
| test4's video conference | Meet Now | 65665 | 2018/02/26 10:39:11 | 2018/02/26 10:39:12 | 00:00:01 |
| 3306's video conference | Meet Now | 73955 | 2018/02/26 10:38:58 | 2018/02/26 10:39:02 | 00:00:04 |

Troubleshooting

This chapter provides general troubleshooting methods to help you solve problems you might encounter when using YMS.

Troubleshooting Solutions

If the problems you encounter are not mentioned in this chapter, you can contact Yealink distributor or Yealink technical support engineer.

General Issues

Why does web page prompt error message when you enter data?

- Check whether the data follow the rules.

The rules are as following:

| Type | Character Limit | Range |
|----------------------------------|---|---------|
| Login password | No | [6,16] |
| Email password | No | [1,128] |
| Email address | <, >, ", ', & are illegal characters, the correct format of email address is <user>@<domain.com/IP address>. | No |
| Accounts | Digits. | 4 |
| The name of account | Digits or characters | [1,64] |
| The domain name of server | No | [1,128] |
| The name of backup | Digits, characters or _ | [1,128] |

Why do you fail to send emails to accounts?

- Check SMTP mailbox parameters are correct.

Why the user can only place an audio call?

- Check whether the used license ports reach the limit.
- Check whether the license has not been activated or has expired.

Why does the user not receive emails?

- Check whether the emails are intercepted in the spam folders.
- Contact the enterprise IT staff to check whether the emails are intercepted by the server.

Appendix: Time Zones

| Time Zone Name |
|---|
| (UTC-11:00) Coordinated Universal Time-11 |
| (UTC-11:00) Samoa |
| (UTC-10:00) Hawaii |
| (UTC-09:00) Alaska |
| (UTC-08:00) Baja California |
| (UTC-08:00) Pacific Time (US & Canada) |
| (UTC-07:00) Arizona |
| (UTC-07:00) Chihuahua, La Paz, Mazatlan |
| (UTC-07:00) Mountain Time (US & Canada) |
| (UTC-06:00) Central America |
| (UTC-06:00) Central Time (US & Canada) |
| (UTC-06:00) Guadalajara, Mexico City, Monterrey |
| (UTC-06:00) Saskatchewan |
| (UTC-05:00) Bogota, Lima, Quito |
| (UTC-05:00) Eastern Time (US & Canada) |
| (UTC-05:00) Indiana (East) |
| (UTC-04:00) Asuncion |
| (UTC-04:00) Atlantic Time (Canada) |
| (UTC-04:00) Cuiaba |
| (UTC-04:00) Georgetown, La Paz, Manaus, San Juan |
| (UTC-04:00) Santiago |
| (UTC-03:30) Newfoundland |
| (UTC-03:00) Brasilia |
| (UTC-03:00) Buenos Aires |
| (UTC-03:00) Cayenne, Fortaleza |
| (UTC-03:00) Greenland |
| (UTC-03:00) Montevideo |
| (UTC-02:00) Coordinated Universal Time-02 |
| (UTC-02:00) Mid-Atlantic |
| (UTC-01:00) Azores |
| (UTC-01:00) Cape Verde Is. |
| (UTC) Casablanca |
| (UTC) Coordinated Universal Time |
| (UTC) Dublin, Edinburgh, Lisbon, London |
| (UTC) Monrovia, Reykjavik |
| (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna |
| (UTC+01:00) Belgrade, Bratislava, Budapest, Ljubljana, Prague |

| Time Zone Name |
|---|
| (UTC+01:00) Brussels, Copenhagen, Madrid, Paris |
| (UTC+01:00) Sarajevo, Skopje, Warsaw, Zagreb |
| (UTC+01:00) West Central Africa |
| (UTC+01:00) Windhoek |
| (UTC+02:00) Amman |
| (UTC+02:00) Athens, Bucharest, Istanbul |
| (UTC+02:00) Beirut |
| (UTC+02:00) Cairo |
| (UTC+02:00) Damascus |
| (UTC+02:00) Harare, Pretoria |
| (UTC+02:00) Helsinki, Kyiv, Riga, Sofia, Tallinn, Vilnius |
| (UTC+02:00) Jerusalem |
| (UTC+02:00) Minsk |
| (UTC+03:00) Baghdad |
| (UTC+03:00) Kuwait, Riyadh |
| (UTC+03:00) Moscow, St. Petersburg, Volgograd |
| (UTC+03:00) Nairobi |
| (UTC+03:30) Tehran |
| (UTC+04:00) Abu Dhabi, Muscat |
| (UTC+04:00) Baku |
| (UTC+04:00) Port Louis |
| (UTC+04:00) Tbilisi |
| (UTC+04:00) Yerevan |
| (UTC+04:30) Kabul |
| (UTC+05:00) Ekaterinburg |
| (UTC+05:00) Islamabad, Karachi |
| (UTC+05:00) Tashkent |
| (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi |
| (UTC+05:30) Sri Jayawardenepura |
| (UTC+05:45) Kathmandu |
| (UTC+06:00) Astana |
| (UTC+06:00) Dhaka |
| (UTC+06:00) Novosibirsk |
| (UTC+06:30) Yangon (Rangoon) |
| (UTC+07:00) Bangkok, Hanoi, Jakarta |
| (UTC+07:00) Krasnoyarsk |
| (UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi |
| (UTC+08:00) Irkutsk |
| (UTC+08:00) Kuala Lumpur, Singapore |
| (UTC+08:00) Perth |
| (UTC+08:00) Taipei |
| (UTC+08:00) Ulaanbaatar |

| Time Zone Name |
|---|
| (UTC+09:00) Osaka, Sapporo, Tokyo |
| (UTC+09:00) Seoul |
| (UTC+09:00) Yakutsk |
| (UTC+09:30) Adelaide |
| (UTC+09:30) Darwin |
| (UTC+10:00) Brisbane |
| (UTC+10:00) Canberra, Melbourne, Sydney |
| (UTC+10:00) Guam, Port Moresby |
| (UTC+10:00) Hobart |
| (UTC+10:00) Vladivostok |
| (UTC+11:00) Magadan |
| (UTC+11:00) Solomon Is., New Caledonia |
| (UTC+12:00) Auckland, Wellington |
| (UTC+12:00) Coordinated Universal Time+12 |
| (UTC+12:00) Fiji |
| (UTC+13:00) Nuku'alofa |