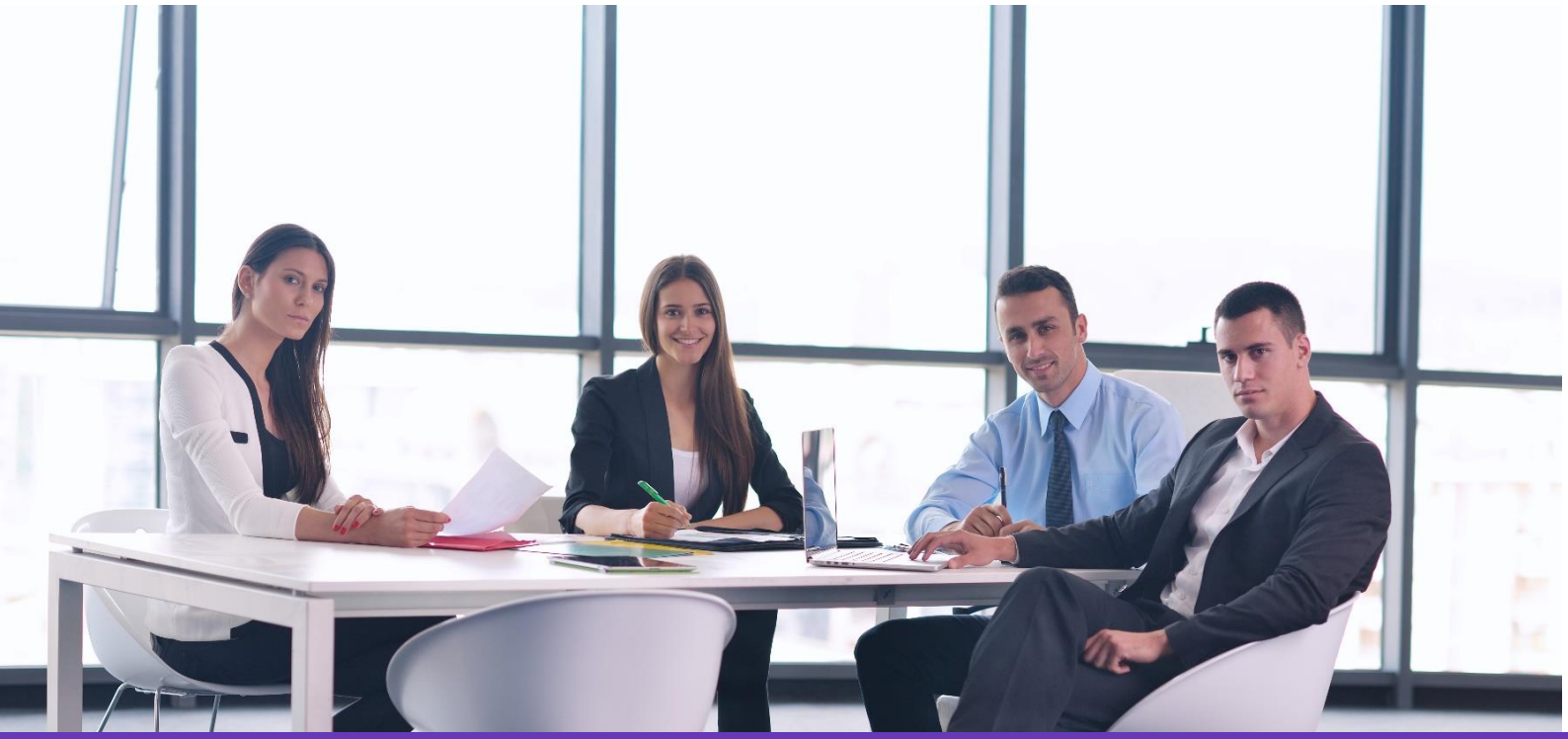
Alcatel·Lucent Enterprise

EPS Enterprise User Manual



Alcatel Lucent Enterprise Communication Device Business

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1. Introduction

EPS (Easy Provisioning Server) is a cloud based service that provides centralized deployment, device management, account management, configuration management, task management, user management, monitoring, and other features. EPS also supports pre-configuration of offline devices and the automatic configuration of phones at any time during deployment for zero-touch management.

2. Supported Browsers

Browser	Version
Google Chrome	Chrome 57+
IE	IE 10+
Firefox	Firefox 66+

3. Supported devices

Model	Version
M3	2.12.04
M5	2.12.04
M7	2.12.04

4. Getting Started

Devices must be upgraded to a firmware version compatible with the EPS platform to connect to the EPS. Device connected to the Internet and added to the EPS system by a user can connect to the EPS automatically.

4.1 Log in to EPS

1. Enter the EPS domain name in the browser: (https://eps.aledevice.com).

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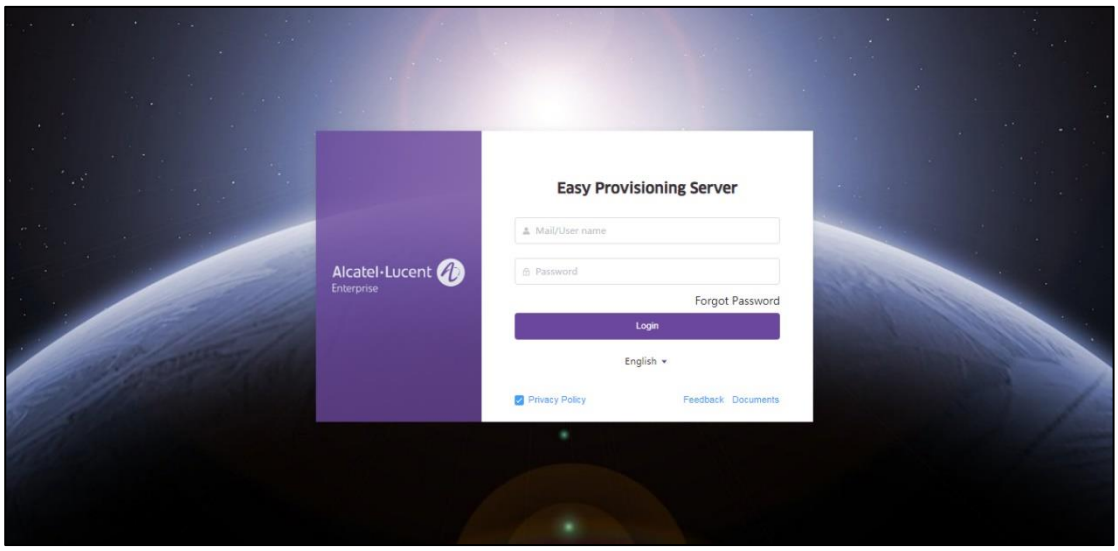

2. Select the required language from the drop-down box.
3. Enter your EPS email, username, and password.
4. Click "**Login**".

4.2 Global Functions

Catalog	Explanation
1	When you are on other pages, click here to quickly return to the homepage.
2	Displays the quantity and type of unread alerts.
3	Select a language.
4	Configure personal information or exit.
5	Enter the feedback interface.
6	Enter the download document interface.
7	Collapse/expand the navigation bar.

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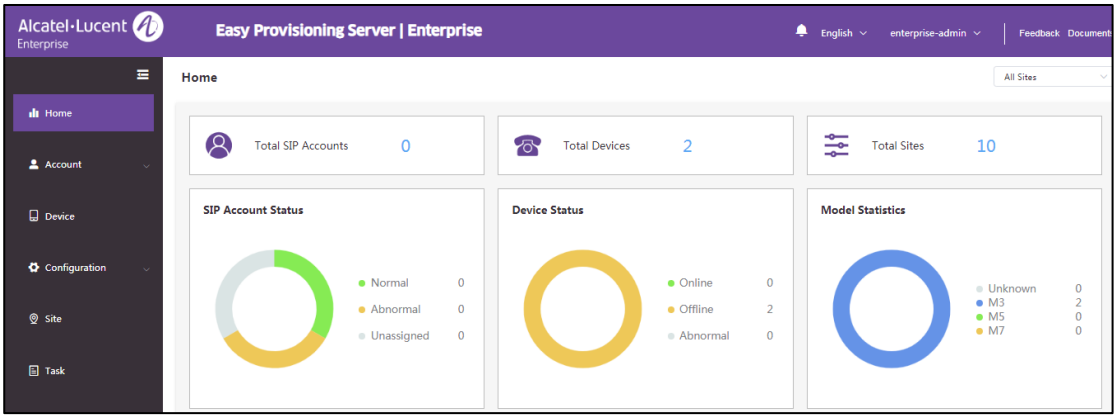
5. Homepage

On the home page, users can see the statistics and status of all SIP accounts, devices, sites, and models.



Catalog	Explanation
Site Selection	The selected site will be displayed on the home page.
Total SIP Accounts	Display the total number of SIP accounts in the selected site.
Total Devices	Display the total number of devices in the selected site.
Total Sites	Display the total number of sites in the selected site.
SIP Account Status	Display the registration status of all accounts in the selected site. **Normal:** the device using this account is registered successfully. **Abnormal:** the device using this account is registered unsuccessfully. **Unassigned:** this account is not assigned to any devices.
Device Status	Display the status of all devices in the selected site. **Online:** the device is connected to EPS successfully. **Abnormal:** the connection between the device and EPS is abnormal. **Offline:** the device is disconnected from EPS.
Model Statistics	Display all device models and the total number of devices in the selected site.

6. Account Management

In the account management page, users can import all SIP accounts/servers under the enterprise into EPS. The page supports batch import or export of all accounts.

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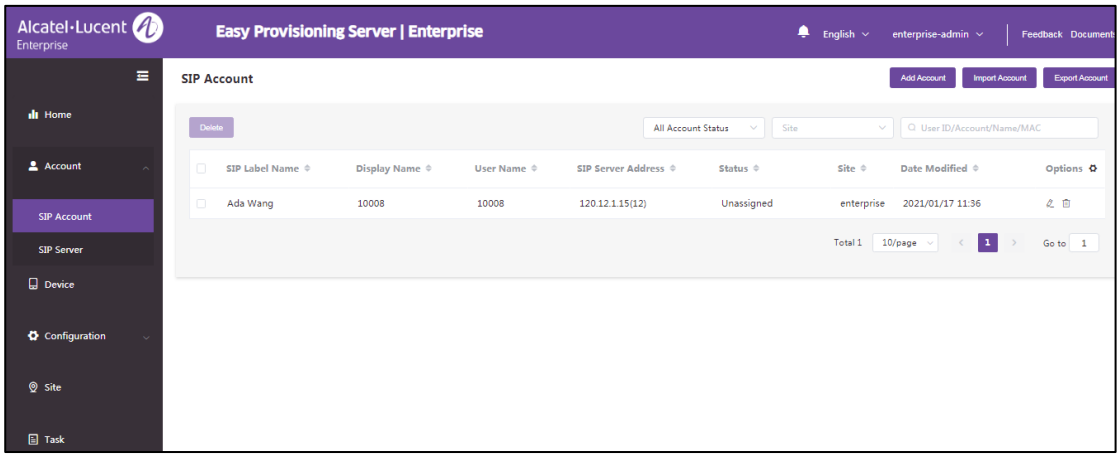
6.1 SIP Account



Operation	Explanation
1	Add/Import/Export accounts.
2	Single/batch deletion of accounts.
3	Search for account by status/site/Mac/etc.
4	Single selection/multiple selection/single page selection checkbox.
5	Sort the list in ascending/descending order.
6	Edit/delete the device.
7	Customize the display field and click the ⚙ button to show/hide columns.
8	Select the maximum number of pages to display and go to a specified page.

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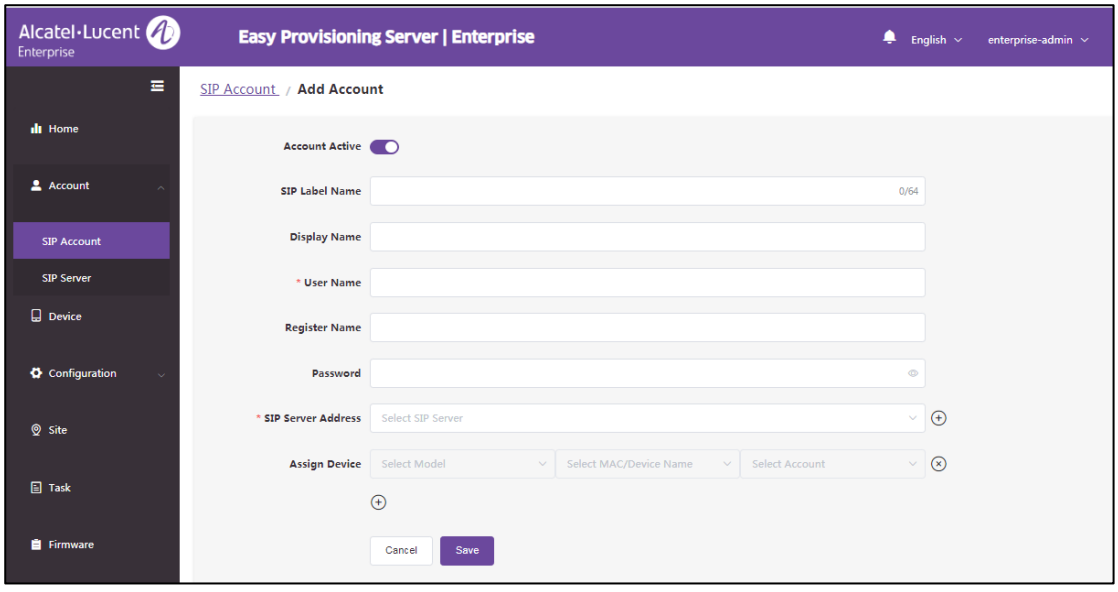
Display	Explanation
SIP Label Name	The displayed on the LCD screen of the phone.
Display Name	The name which displayed on the counterparty device during the call.
Username	The registered account number of the phone.
SIP Server Address	The SIP server address used during account registration.
Status	Display the registration status of the account. **Normal:** the device using this account is registered successfully. **Abnormal:** the device using this account is registered unsuccessfully. **Not Assigned:** this account is not assigned to any devices.
Site	The site which the account belongs to.
Date Modified	Sort by the last modified time. Defaults to descending order.

6.1.1 Add SIP Account

Click the "**Add Account**" button to enter the "Add Account" interface.



Catalog	Explanation
SIP Label Name	The name displayed on the phone's LED screen.
Display Name	The name which displayed on the caller ID. The configured content will be included in the "from", "contact", and "preferred-identity" headers in

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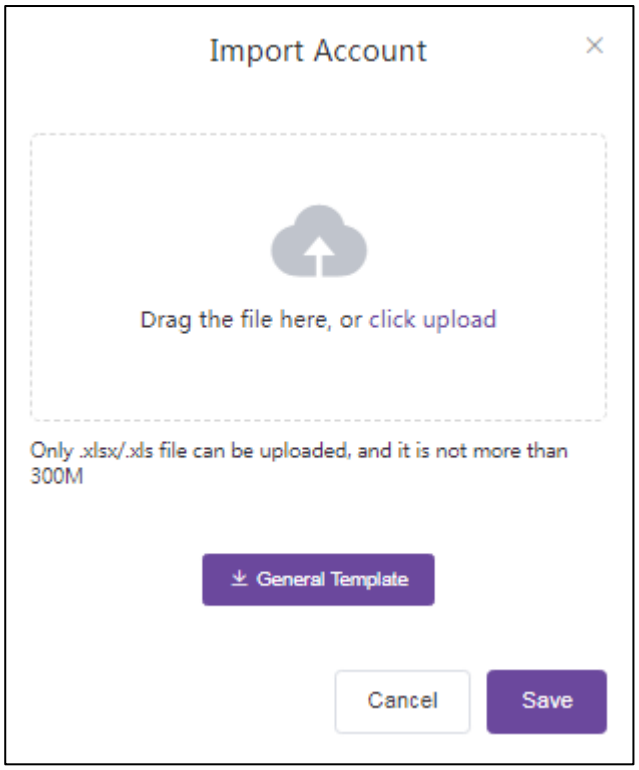
	SIP invite messages.
Username (required)	User account information provided by the VoIP service provider (ITSP). Usually similar or identical to the phone number.
Register Name	The name used by the SIP server to authenticate the user. Can be different from or identical to the user name.
Password	The password verified by the SIP server, displayed as cipher text for security purposes.
SIP Server Address (required)	Select the SIP server for this account. If none are configured, click the "**Add SIP server**" button, then use the SIP server module to configure more server parameters.
Assign Device	Assign the SIP account to a device and the index of accounts under a device. Can be assigned to multiple devices. **Select Model (required):** Select the model of the device to assign. **Select MAC/Device name (required):** Select the MAC/device name of the device to assign. **Select Account (required):** Select the index of the accounts to assign to the device (for example, account1-account8). If account1 has a configured account, the corresponding account will be displayed.

6.1.2 Batch Import Accounts

EPS supports to batch import of SIP accounts and servers to devices through Excel.

1. On the SIP account page, click the "**Import Account**" button to display the following window:



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2. Input account and server information in accordance with the template format. The template format can be downloaded by clicking the "**General Template**" button.
3. After completing the template, drag the file to the upload area or select the file from the PC. Click the "**Save**" button to confirm the import.
4. After the import is successful, the system will prompt with the import result. If the import fails, export and edit again.

6.1.3 Export Account

Users can export all SIP accounts at any time. On the SIP account page, click the "**Export Account**" button in the upper right corner to export the account information, including the username, SIP server, device information, and more.

6.1.4 Edit Account

Users can edit account information and assign SIP accounts to devices.

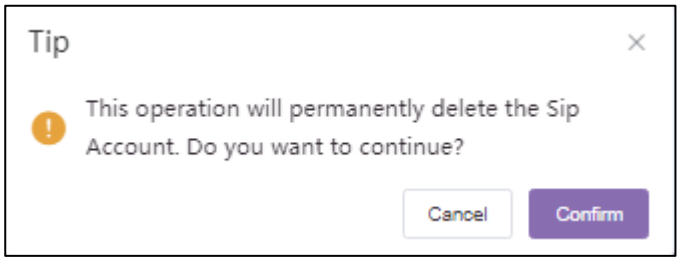
1. On the SIP account page, click the button to enter the edit page.
2. Click the "**Save**" button to save any changes. All associated devices will receive the updated account information.

Note:

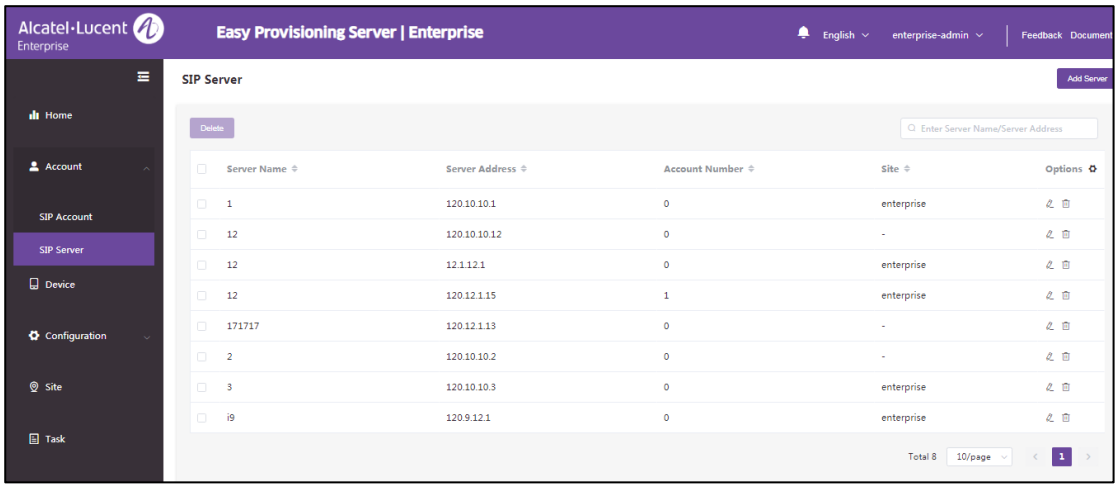
- If the device is offline, the account information will not be updated until connection is restored.

6.1.5 Delete Account

Click the "**Delete**" button on the account or the "**Delete**" button on the top left to delete the account. After confirming the deletion, associated devices will automatically unbind from the related account. Users can delete accounts individually or in batches.



6.2 SIP Server



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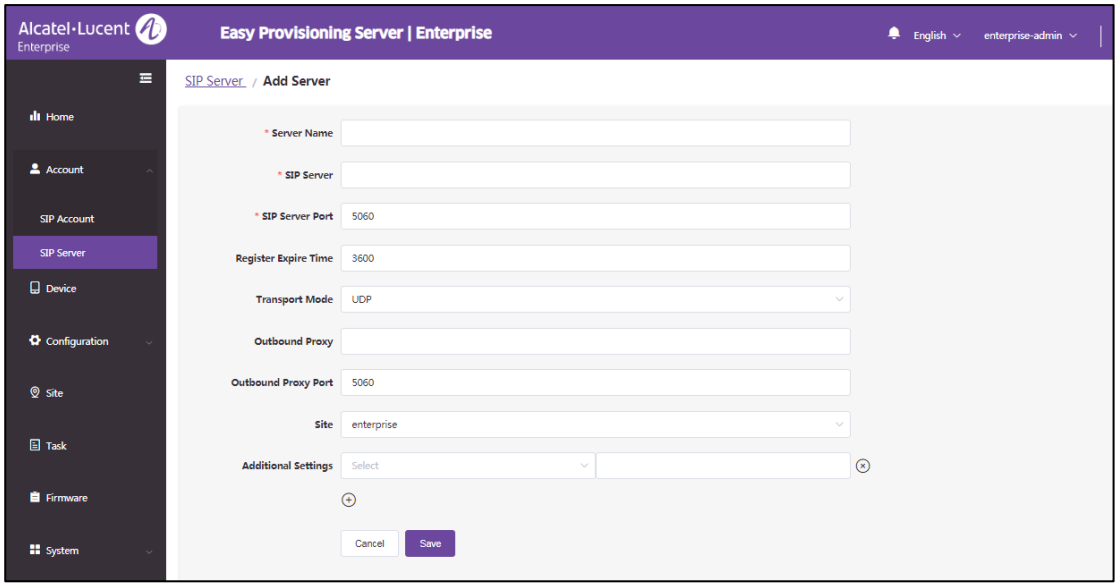
Display	Explanation
Server Name	User can customize server names when added.
Server Address	The SIP server address. Can be the IP address or domain name.
Account Number	Display the number of SIP accounts under the SIP server.
Site	The site the server belongs to.
Options	Edit and delete the device.
Custom Display Fields	Click the button to show/hide the columns.

6.2.1 Add SIP Server



Catalog	Explanation
Server Name (required)	Customize the server name.
SIP Server (required)	The SIP server address provided by VoIP service.
SIP Server Port (required)	The SIP server port provided by the VoIP service.
Register Expire Time	The phone will send a registration request regularly in accordance with its configured registration cycle.
Transport Mode	Transport mode between the phone and SIP server provided by the

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	VoIP service provider.
Outbound Proxy	Configure outbound proxy server address or domain name. The outbound proxy server can provide symmetric NAT solutions.
Outbound Proxy Port	Configure the outbound proxy server port.
Site	Select the site that the SIP server belongs to.
Additional Settings	Users can add custom fields.

6.2.2 Edit SIP Server

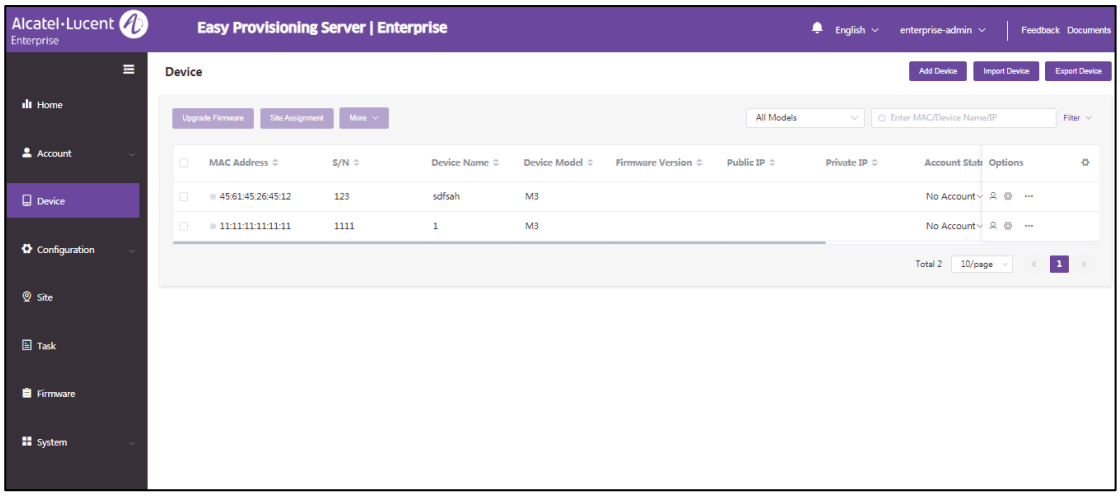
Click the button on the server to enter the “Edit” page. After editing, changes will apply to all accounts under this server.

6.2.3 Delete SIP Server

Users can delete SIP servers individually or in batches. After confirming the deletion, all SIP accounts under this server will also be deleted.

7. Device Management

The device page displays all associated devices. Users can view the device information, status, assigned account information, etc. from this page. The EPS system supports parameter configuration, firmware upgrade, reboot/restore factory settings, view device details, task log, and other operations.



7.1 Add Device

In the device management page, click the “**Add Device**” button to open following window:

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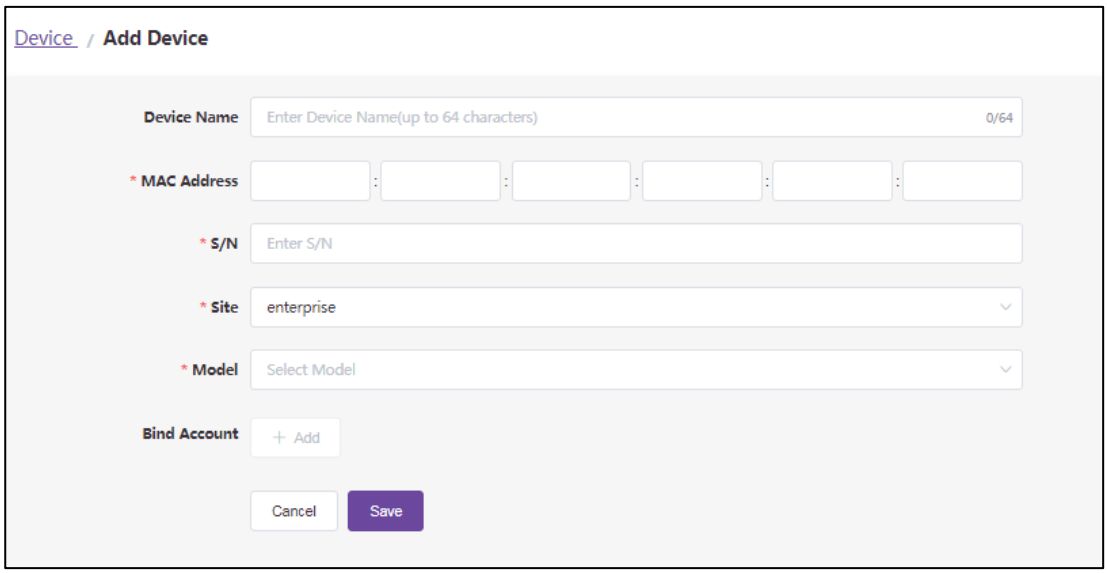

Catalog	Explanation
Device Name	Configure the device name to recognize this device. A maximum of 64 characters can be entered.
MAC address (required)	Enter the MAC address of the device (the MAC can be found on the backshell of the device or on the MAC label of the package). Users can also copy the MAC. The system will fill it in automatically. The supported formats are “112233445566”, “11-22-33-44-55-66”, and “11:22:33:44:55:66”.
S/N (required)	Enter the S/N of the device (found on the backshell of the device or on the S/N package label).
Site (required)	Select the site this device belongs to.
Model (required)	Select the model of this device.
Bind Account	Assign SIP accounts to this device.

7.2 Import Device

Users can upload files to import multiple devices. Click the “**Import Device**” button on the device management page to open the following window:

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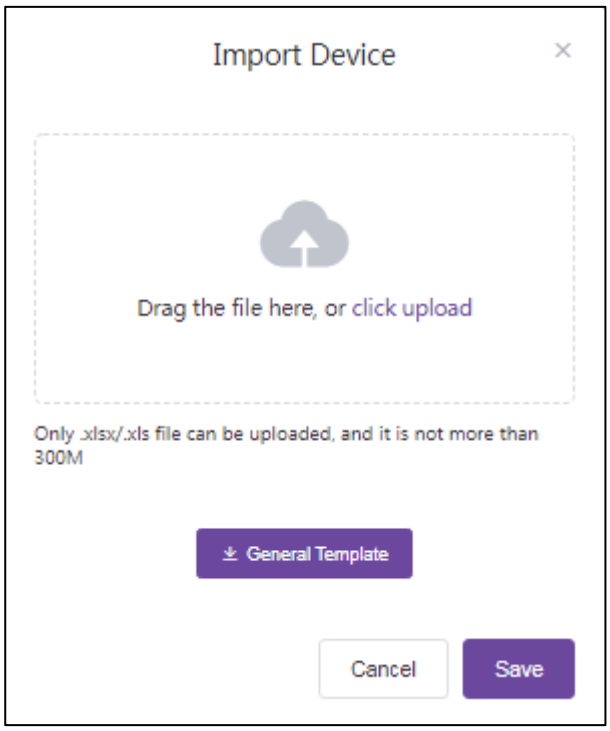
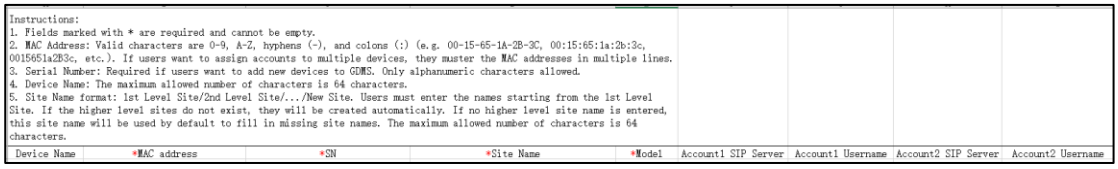


1. Click the "**General Template**" button to download the template. Input the required information in accordance with the instructions.



2. The template fields are described below:

Catalog	Explanation
Device Name	Configure the device name to recognize this device. A maximum of 64 characters can be entered.
MAC Address (required)	Enter the MAC address of the device (found on the bottom of the device or on the MAC package label). The supported formats are "112233445566", "11-22-33-44-55-66", and "11:22:33:44:55:66".
S/N (required)	Enter the S/N of the device (found on the bottom of the device or on the S/N package label).
Site (required)	Enter the site this device belongs to.
Model (required)	Enter the model corresponding to this device.
Account1 SIP Server	Enter the SIP server address corresponding to the account 1 of this device.
Account1 Username	Enter the SIP account corresponding to the account 1 of this device.

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…	…
Account8 SIP Server	Enter the SIP server address corresponding to the account 8 of this device.
Account8 Username	Enter the SIP account corresponding to the account 8 of this device.

3. Drag the file to the specified location in the pop-up window or click the upload area to select the file from the PC, then click the "**Save**" button.
4. After the import is successful, the system will prompt with the import result. If there data fails to import, you can export the failure result, edit the data according to the failure reason, then import it again.

7.3 Export Device

Users can export all devices at any time. On the device page, click the "**Export Device**" button in the upper right corner to export device information, including MAC, S/N, model, version, SIP server, account number, etc.

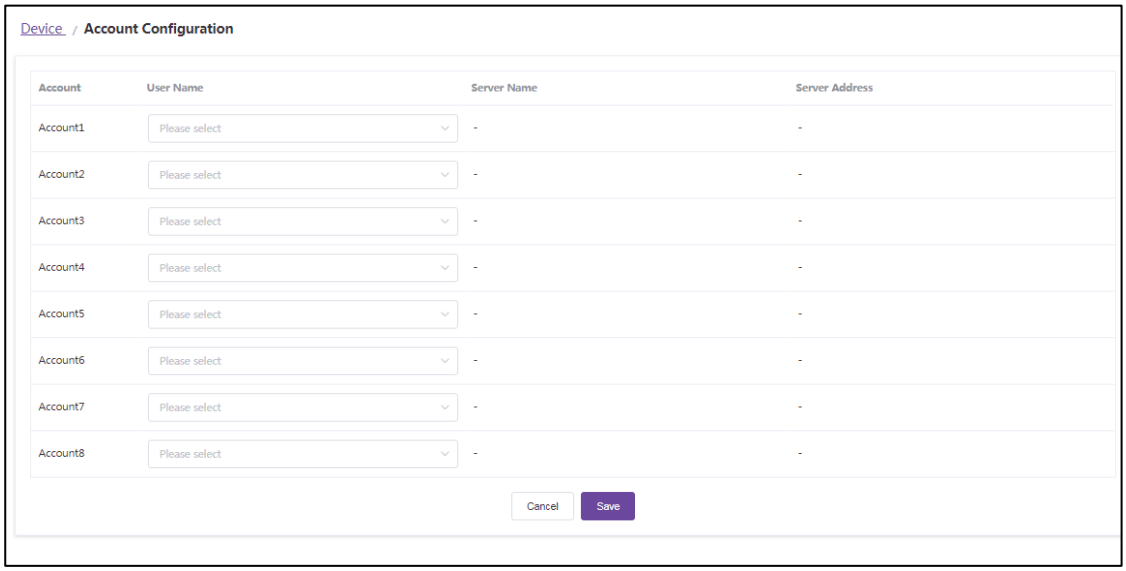
Note:

- If no device is selected, all devices will be exported by default. If certain devices are selected, the selected devices are exported.

7.4 Account Configuration

Users can configure SIP accounts for devices on the device management page.

1. In the device list, click the icon to access the account configuration page.



2. Select an existing SIP account to assign devices.
3. Users can also reselect or delete existing SIP accounts.
4. Click the "**Save**" button. The account configuration will be sent to the device immediately.

Note:

- If the device is not connected to EPS at the time, it will not be synchronized immediately. The EPS system will synchronize the configured account information once the device reconnects.
- Configuration by other means (such as configuration through the device webpage, etc.) will not be

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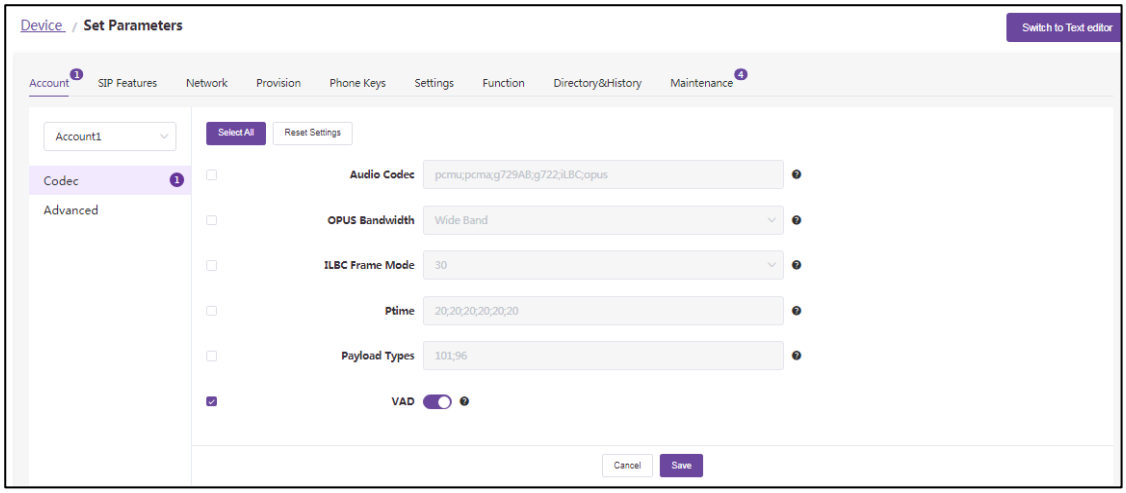
synchronized to EPS.

7.5 Set Device Parameters

Users can modify the parameters for a single device.

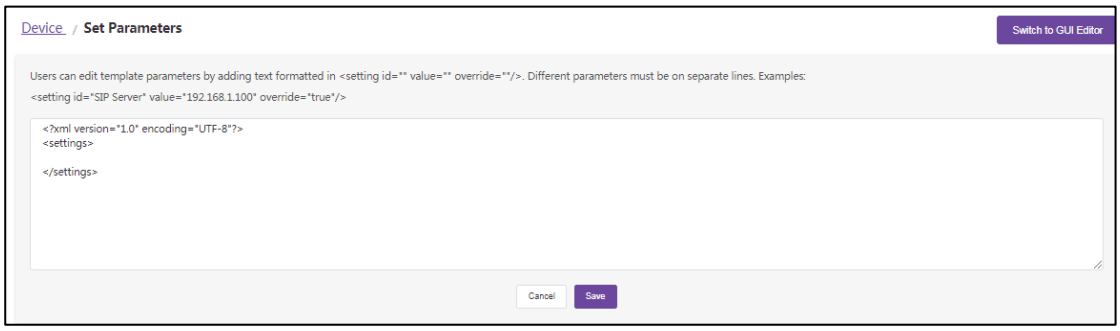
1. In the device list, select a device and click the ⚙ button to enter the configuration page.



   a) Click the "**Select All**" button or the desired options on the current page. Click again to cancel the selection.

   b) Click the "**Reset Settings**" button to restore all settings on the current page to their default values.

2. If certain parameters cannot be found on the page, users can also click the "**Switch to Text Editor**" button in the upper right corner of the page to enter the text editing page.



   a) The format is: <setting id="SIPPeerFilterEnable" value="false" override="true"/>.

   b) The user can enter the ID and value. This can be distributed to the device even if the EPS configuration file does not support it.

3. Click the "**Save**" button. The EPS system will only send checked configurations with to the device.

Note:

- If the device is not connected to EPS at the time, it will not be synchronized immediately. EPS will synchronize the configured account information once the device reconnects.
- Configuration by other means (such as configuration through the device webpage, etc.) will not be synchronized to EPS.
- Please refer to the user manual of the corresponding phone model for configuration rules.

7.6 Disable Push Configuration

If the user does not want to push the configuration to the device through the EPS server, please follow the steps below.

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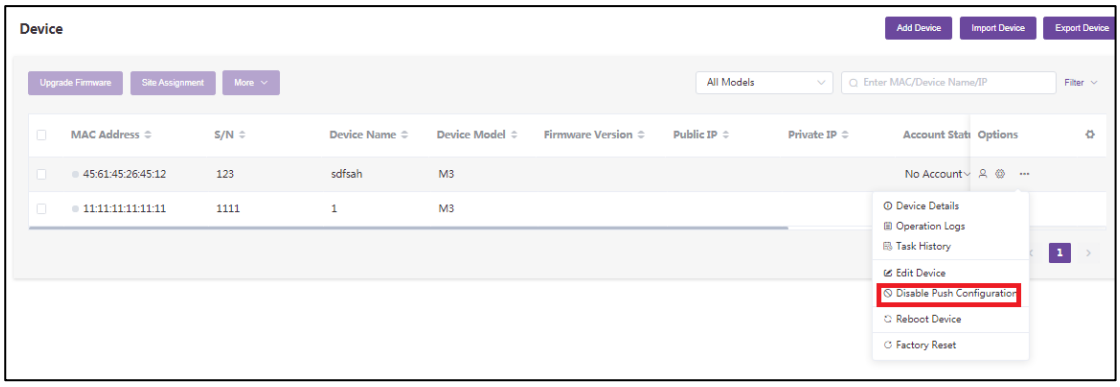
1. Select the device, click the ••• icon, then select “**Disable Push Configuration**”. Account configuration and parameters will no longer be pushed to the device through the local EPS server, including task management.



Note:

- If the user wants to enable push configuration or parameters to the device, click the “**Enable Push Configuration**” button.

7.7 Device Details

Click ••• button and select “**Device Details**” to view the system information and account status of the device.

The details page includes system message and account status.

Note:

- This information is obtained from the device in real time. If the device is offline, the information cannot be obtained.

7.8 Edit Device

Users can edit the device name, site, and bound accounts.

1. Select the device to edit from the device list, then click the ••• button and select “**Edit Device**”.

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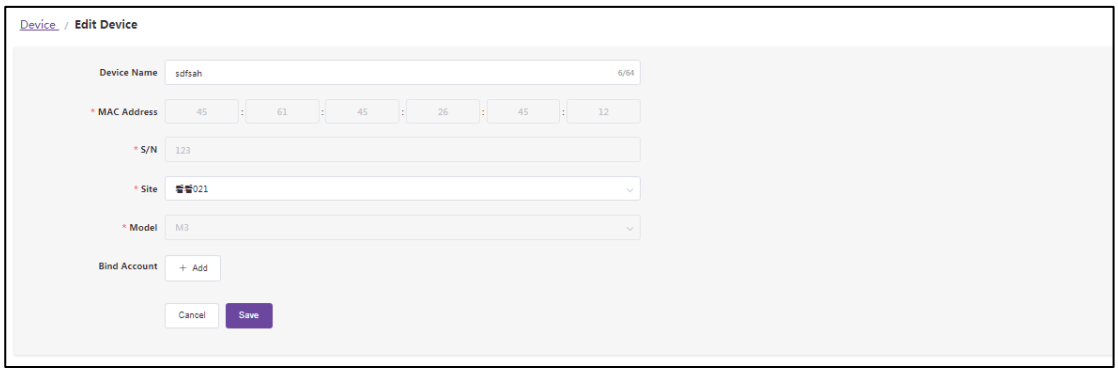
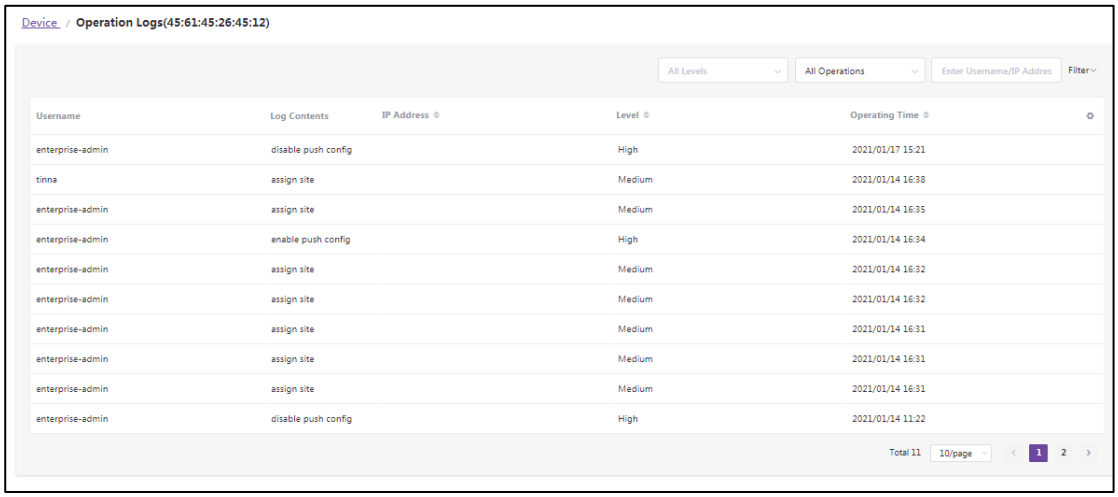


2. Click the “**Save**” button. The configuration will take effect immediately.

7.9 Operation Logs

Users can view all operation logs of the device on the EPS system.

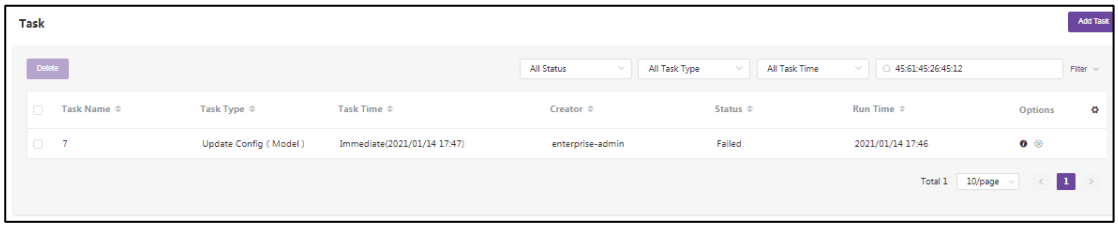
1. Select the device from the device list, then click the ••• button and select “**Operation Logs**”.



7.10 Task History

Users can view all task history of the device on the EPS system, including immediate tasks, scheduled tasks, and repeating tasks.

1. Select the device from the device list, click the ••• button, then select “**Task History**”.



7.11 Update Firmware

The EPS system supports to upgrading device firmware in batches.

1. From the device list, check the devices you wish to upgrade, then click the “**Upgrade Firmware**” button at the top of the page.

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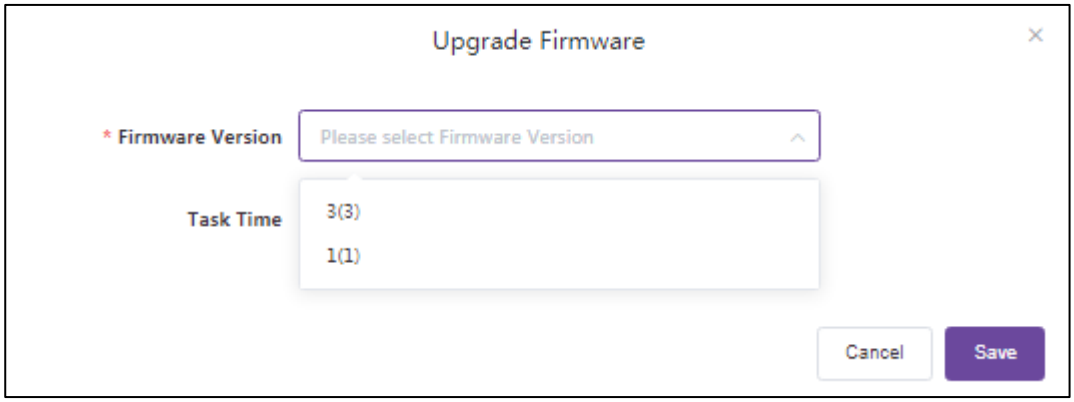
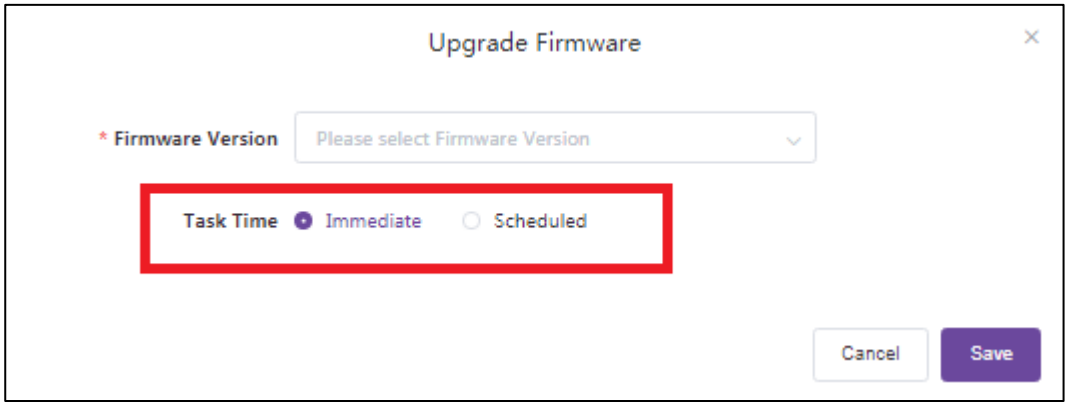
2. Select the target version to upgrade.



3. Select the task time, either immediate or scheduled. Tasks can be scheduled for execution at a certain times in the future.



4. Click the "**Save**" button to generate a task. The execution results can be viewed on the task management page.

Note:

- If the selected devices are of different models and have no common firmware, the firmware cannot be upgraded in batches.

7.12 Site Assignment

Users can change device sites on the EPS system in batches.

1. From the device list, check the devices and click the "**Site Assignment**" button at the top of the page.

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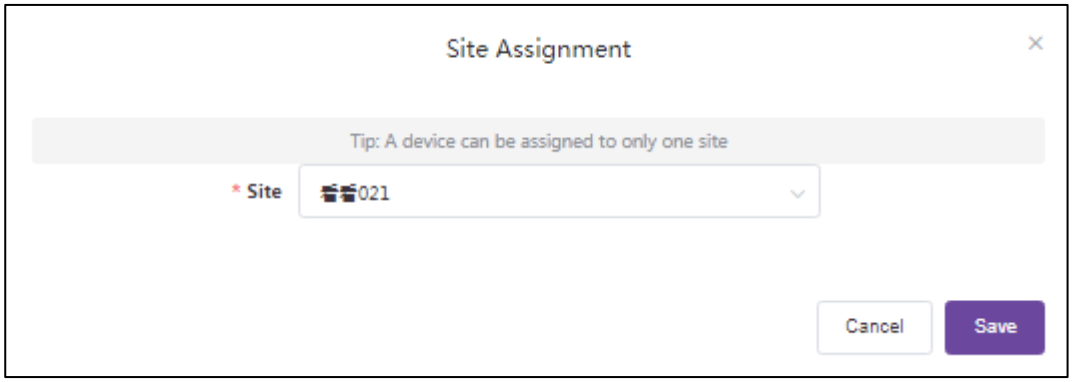
2. Select the site to assign.



3. Click the “**Save**” button to transfer all the selected devices to the new site.

Note:

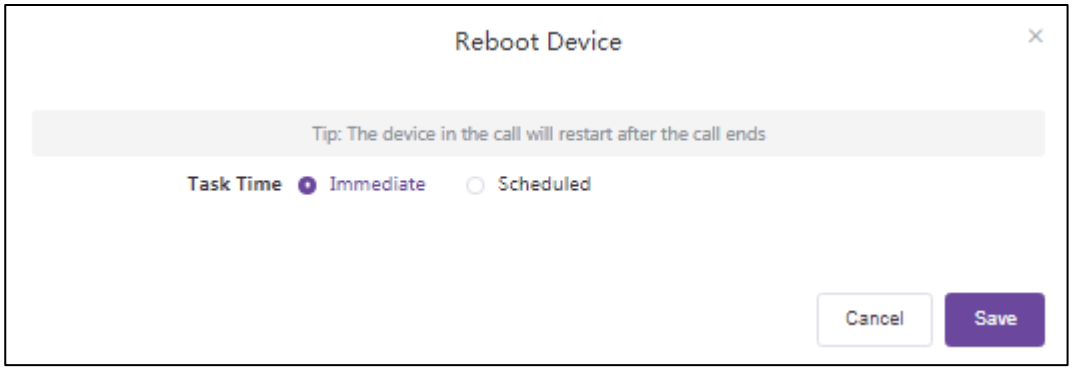
- A device can only be assigned to one site at a time.

7.13 Reboot Device

Users can reboot one or more devices in the EPS system.

1. In the device list, check the device(s), then click the “**More**” button at the top of the page.

2. Select the task time, either immediate or scheduled. Users can schedule this task for execution at a certain time in the future.



3. Click the “**Save**” button to generate a task. The execution results can be viewed on the task management page.

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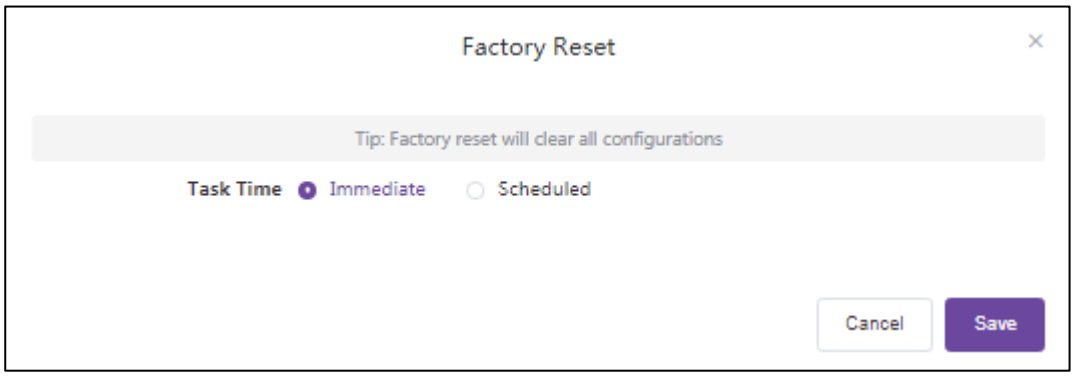
7.14 Factory Reset

Users can restore one or more devices on EPS system to factory settings.

1. From the device list, check the device(s), then click the “**More**” button at the top of the page.

2. Select the task time, either immediate or scheduled. Tasks can be scheduled for execution at a certain times in the future.



3. After clicking the “**Save**” button, a task will be generated. The execution results can be viewed on the task management page.

Note:

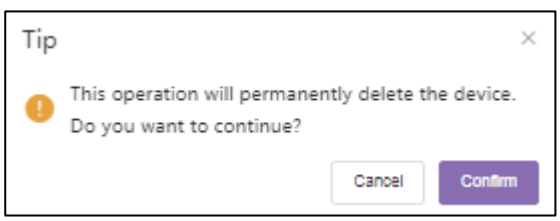
- Restoring to factory settings will clear all configuration items.

7.15 Delete Device

Users can delete one or more devices on the EPS system.

1. From the device list, check the device(s), then click the “**More**” button at the top of the page.

2. Click the “**Confirm**” button to delete the selected devices immediately. Any scheduled tasks associated with these devices will be cancelled.



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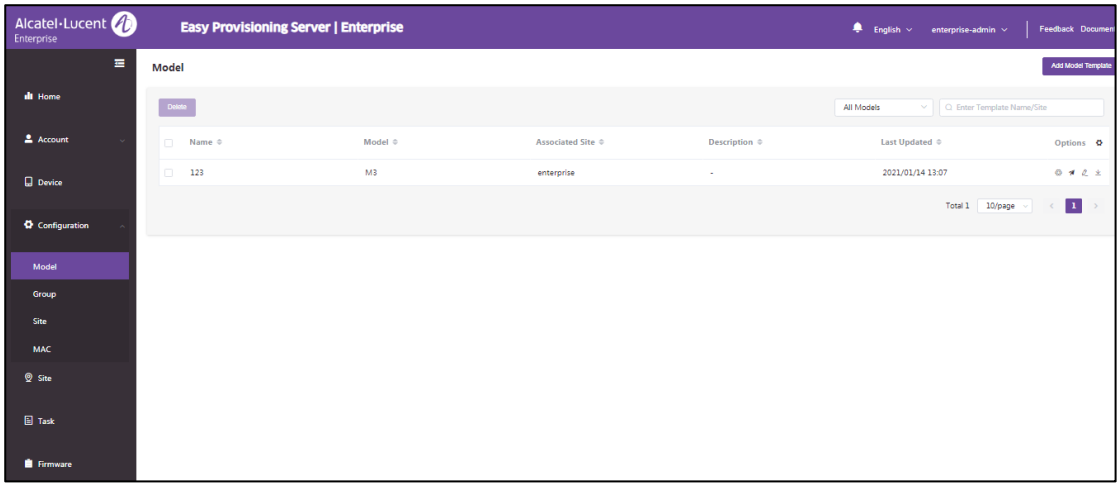
8. Configuration Management

The configuration management page allows users to create templates. These templates can be used to configure devices of the same model, group, or site. Users can upload configuration files of single devices and manage them separately.

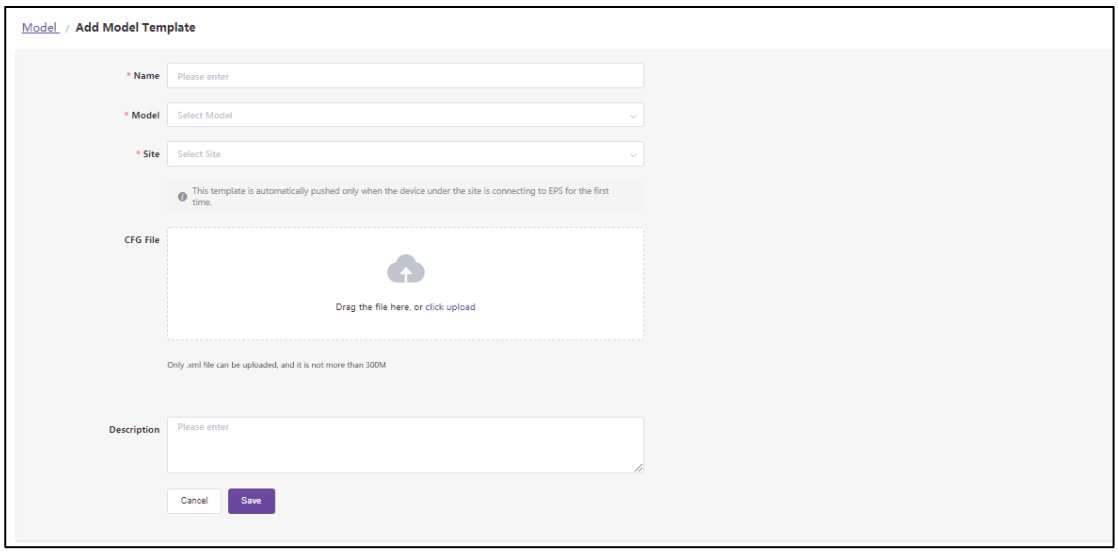
8.1 Model Configuration

Users can customize and view templates by model and can quickly push the configuration file to group members. Users can view the model template which has been created. Users can modify configuration parameters, push configuration files, edit templates, and download configuration files according to models.



8.1.1 Add Model Template

Users can add a model template from the model page. Users can create a unified model template for new devices in the specified site to automatically use the template file.



Catalog	Explanation
Name (required)	Enter the name of the template for identification. The template name must be unique. The name cannot exceed 64 characters.

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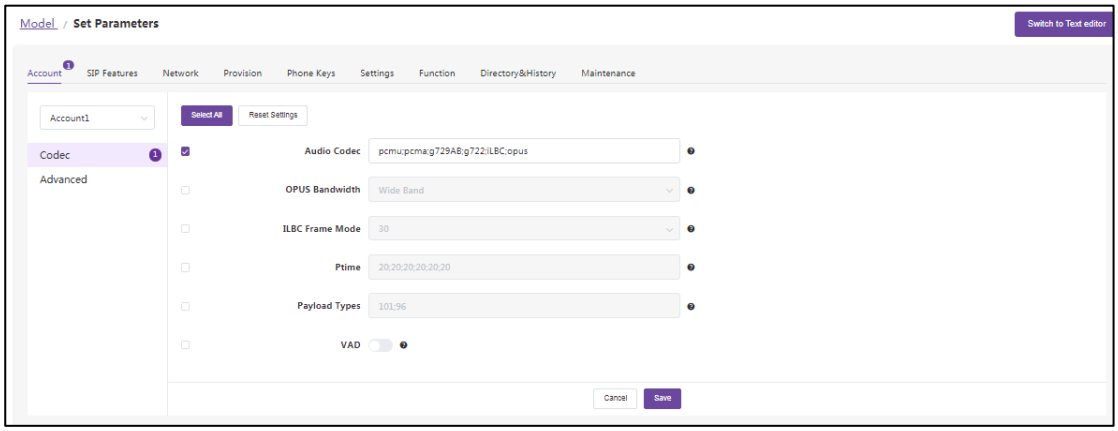
Model (required)	Select the model to use this template.
Site (required)	Select a site to use this template.
CFG file	Upload a pre-configured configuration file (only XML files are supported).
Description	Enter a detailed description or purpose for this template.

After a template has been created, the user can modify its device parameters by using the “Configure Parameters” page.



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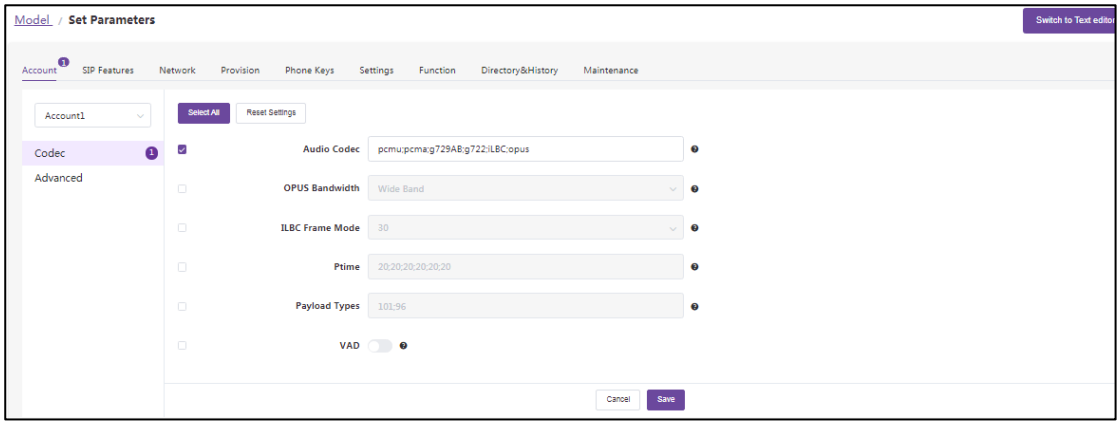
Note:

- Newly added model templates will not be automatically pushed to devices already connected to EPS. Users need to push them manually.

8.1.2 Configure Parameters

Users can configure model template parameters for unified distribution and management.

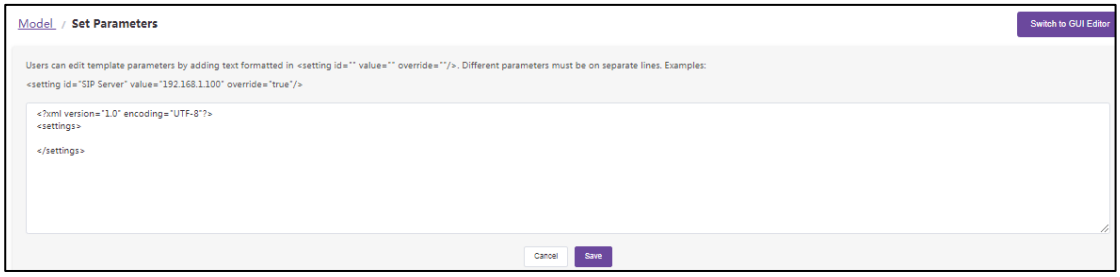
1. Select a template and click the ⚙ button in options to enter the parameter configuration page.



   a) Click the "**Select All**" button or select the desired options. Click again to cancel the selection.

   b) Click the "**Reset Settings**" button to restore all settings to default values.

2. Users can directly configure parameters on this page or click the "**Switch to Text Editor**" button on the upper right corner to switch to the text editor.



The format is: <setting id="" value="" override="true"/>

For example: <setting id=" SIPServer1Address" value="192.168.1.100" override="true"/>. The text editor also supports parameters that cannot be edited from the UI, and has strong expandability.

Note:

- There will be differences between the parameters of each model. Please refer to the user manual of each model.
- New model templates added to the EPS system will not be automatically pushed to connected devices.
- Modified parameters will also not be automatically pushed to connected devices. If necessary, users should push updates manually.

8.1.3 Push Update

EPS supports the manual push of model configuration templates to devices.

Select a template and click the button in options. The update will trigger immediately.

8.1.4 Edit Model Template

EPS supports the configuration of template name, model, site, and description.

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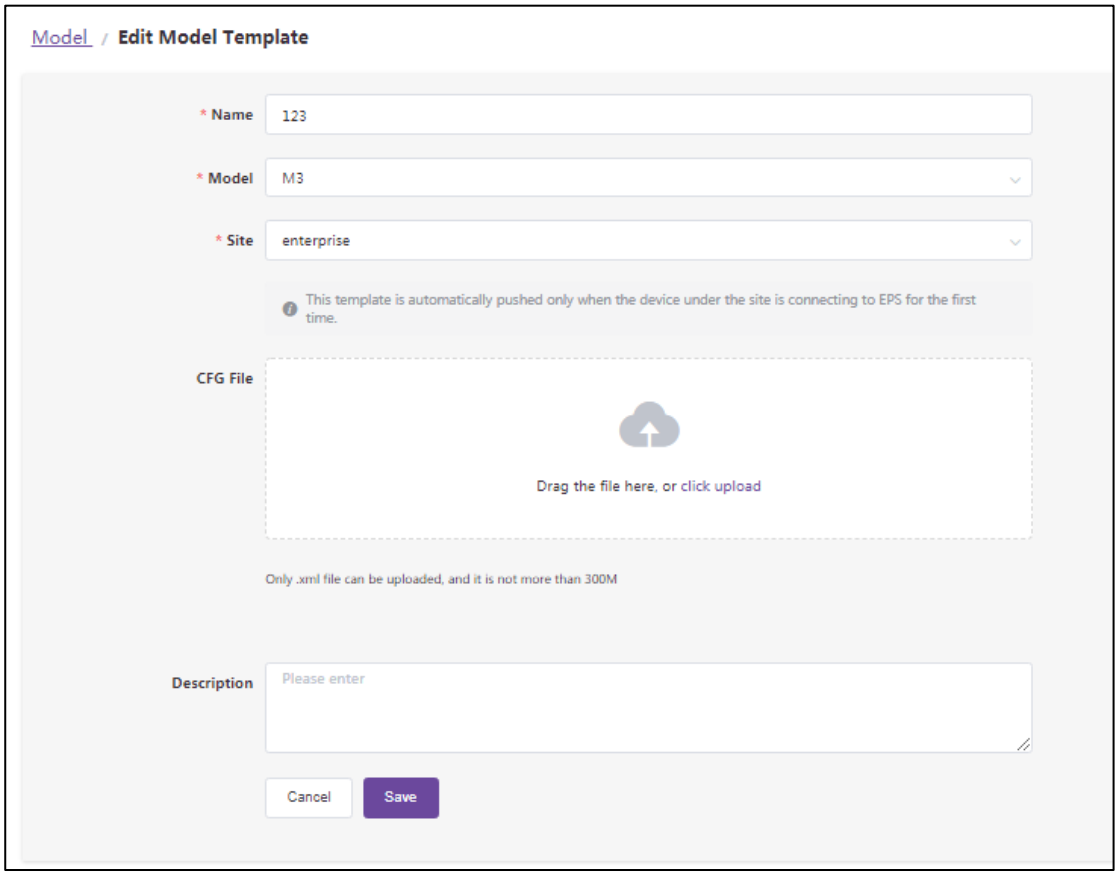
Click the button in options to edit. The change will take effect immediately.

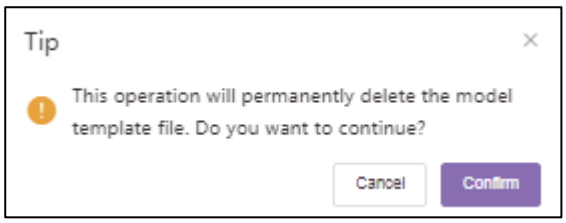


8.1.5 Download Model Template

Users can download the latest configuration file of the current model template at any time. Click the button in options to download immediately.

8.1.6 Delete Model Template

Select a template, then click the “**Delete**” button. The template will be deleted after confirmation.



8.2 Group Configuration

Users can customize the group configuration template, which represents a batch of devices classified into the same group for configuration management. Configuration files can be quickly pushed to group members. Users can view created group templates and the device list for each group. Users can modify parameters, push configuration files, edit groups and group members, and download configuration files by group.

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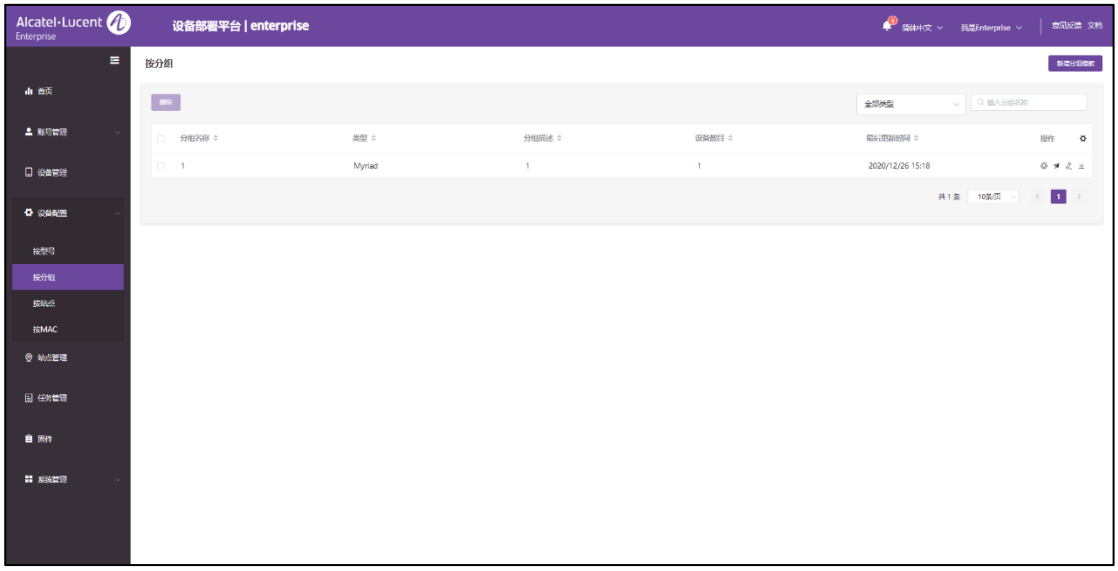
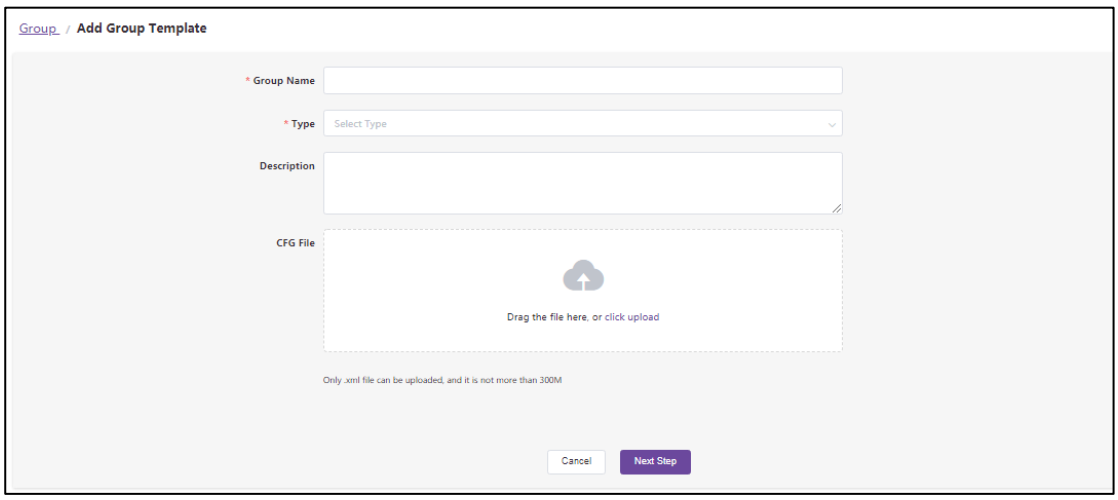


8.2.1 Add Group Template

Users can add a group template from the group page. New devices in unified group templates will automatically use the template.



Catalog	Explanation
Group Name	Enter the name of the template for identification. The template name must be unique. The name cannot exceed 64 characters.
Type (required)	Select the device type to use this template.
CFG file	Upload a pre-configured configuration file (only XML files are supported).
Description	Enter a detailed description or purpose for this template.

1. Click “**Next Step**” to select the device to join the group.
   a) Select device: the device can be filtered by site, model, and MAC address/device name. Selected devices will be automatically added to the selected device box on the right.

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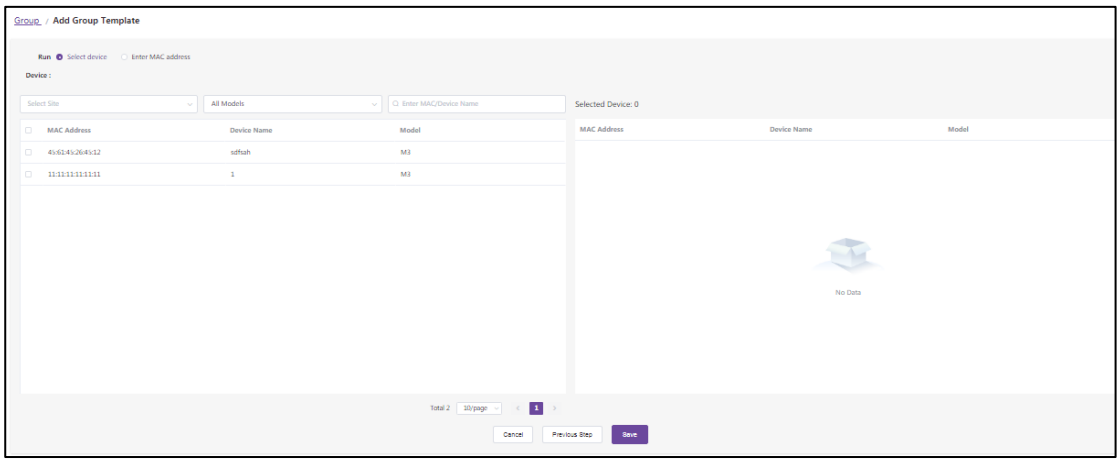
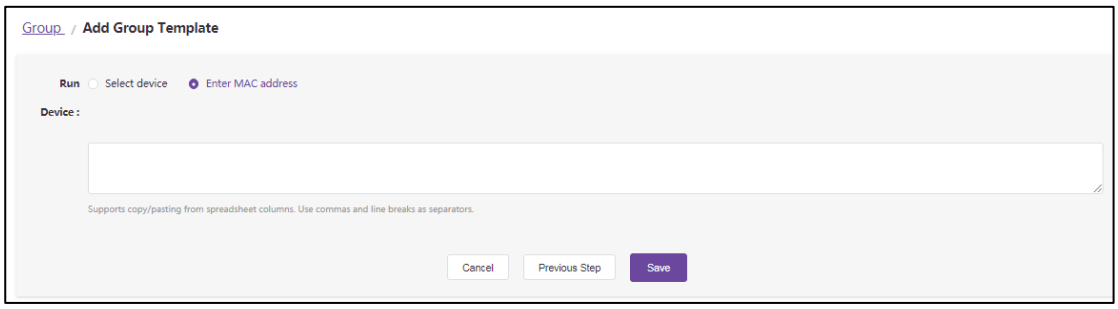
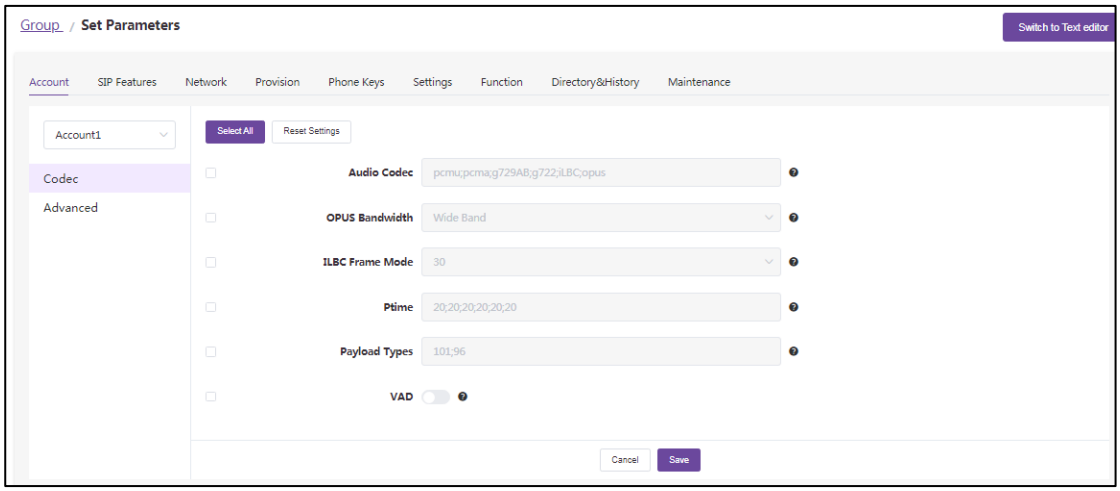


b) Enter MAC address: enter the MAC address of the existing device. Supports copy and paste from excel columns. Accepts both commas and line breaks as separators.



2. After completion, users can modify template parameters through the “Configure Parameters” page.



Note:

- Newly added group templates will not be automatically pushed to devices already connected to EPS. Users need to push them manually.

8.2.2 Configure Parameters

Users can configure specific parameters under this group template for unified distribution and management.

1. Select a template and click the ⚙ button in options to enter the parameter configuration page of this template.

   a) Click the “**Select All**” button or select the desired options. Click again to cancel the selection.

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b) Click the “**Reset Settings**” button to restore all settings to default values.

2. Users can directly configure parameters on this page or click the “**Switch to Text Editor**” button on the upper right corner to switch to the text editor.

The format is: <setting id="" value="" override="true"/>

For example: <setting id=" SIPServer1Address" value="192.168.1.100" override="true"/>. The text editor also supports parameters that cannot be edited from the UI, and has strong expandability.

Note:

- There will be differences between the parameters of each model. Please refer to the user manual of each model.
- New group templates added to the EPS system will not be automatically pushed to connected devices.
- Modified parameters will also not be automatically pushed to connected devices. If necessary, users should push updates manually.

8.2.3 Push Update

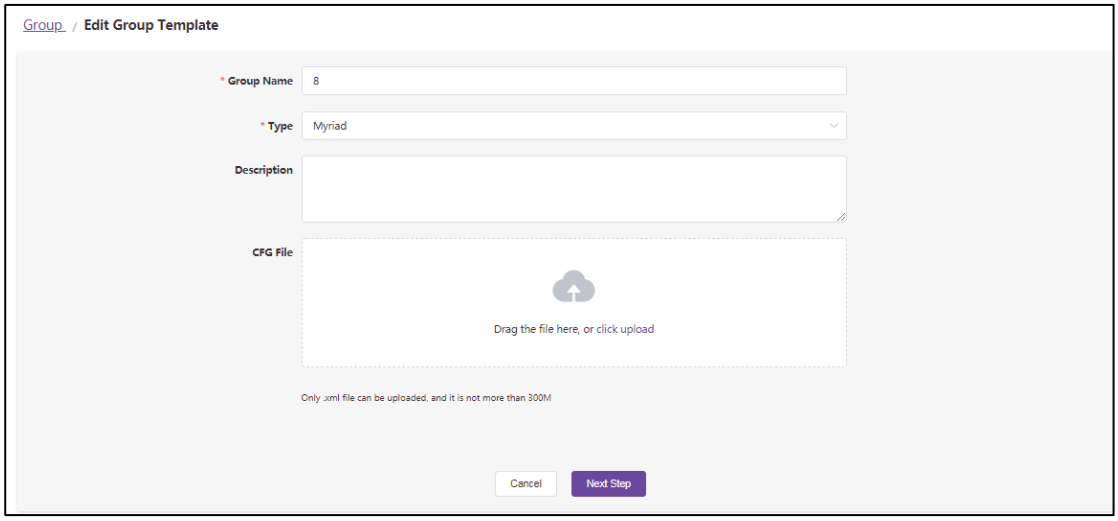
EPS supports the manual push of group configuration templates to devices.

Select a template and click the button in options. The update will trigger immediately.

8.2.4 Edit Group Template

EPS supports the configuration of template name, type, and description.

Click the button in options to edit.

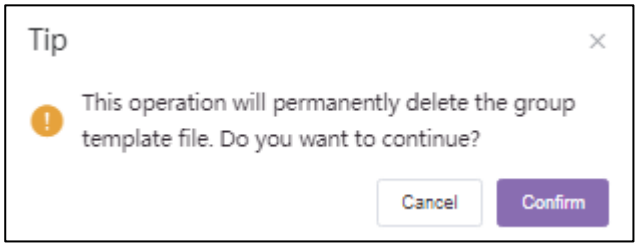


8.2.5 Download Group Template

Users can download the latest configuration file of the current group template at any time. Click the button in options to download immediately.

8.2.6 Delete Group Template

Select the template, then click the “**Delete**” button. The template will be deleted after confirmation.



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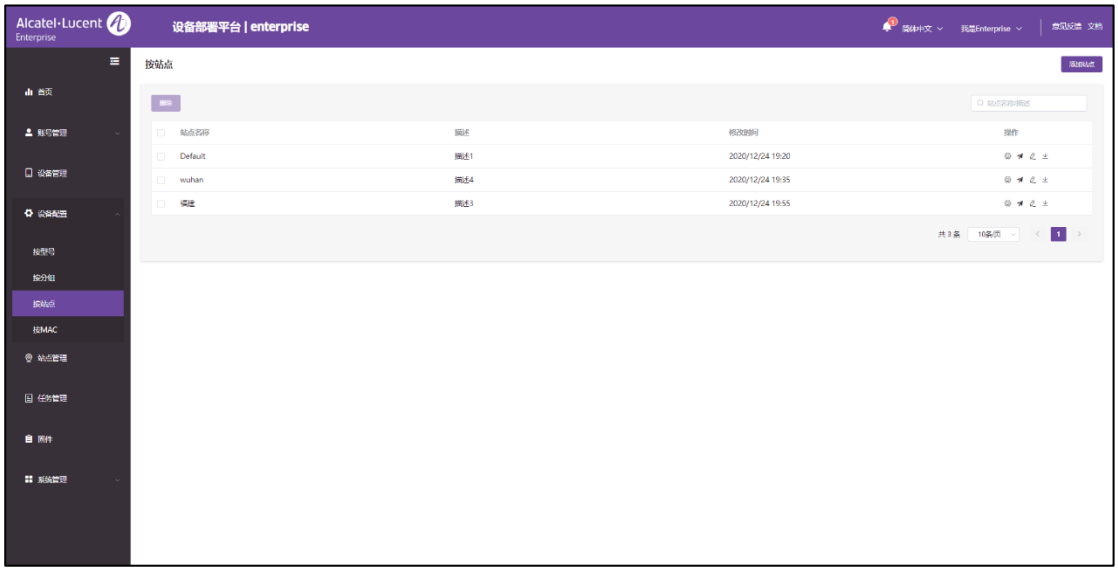
8.3 Site Management

Users can customize, view, and quickly push the site configuration template to site members. Users can modify template parameters, push configuration files, and download the configuration files in accordance with the site.



8.3.1 Add Site Template

1. Users can add a site template from the site page. New devices in unified site templates will automatically use the template.

2. Select the site and enter a description.
3. After a template has been created, the user can modify its device parameters by using the “Configure Parameters” page.

Note:

- Newly added site templates will not be automatically pushed to devices already connected to EPS. Users need to push them manually.

8.3.2 Configure Parameters

Users can configure specific parameters under this site template for unified distribution and management.

1. Select a template and click the ⚙ button in options to enter the parameter configuration page of this template.
   a) Click the “**Select All**” button or select the desired options. Click again to cancel the selection.
   b) Click the “**Reset Settings**” button to restore all settings to default values.
2. Users can directly configure parameters on this page or click the “**Switch to Text Editor**” button on the upper right corner to switch to the text editor.

The format is: <setting id="" value="" override="true"/>

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For example: <setting id=" SIPServer1Address" value="192.168.1.100" override="true"/>. The text editor also supports parameters that cannot be edited from the UI, and has strong expandability.

Note:

- There will be differences between the parameters of each model. Please refer to the user manual of each model.
- New site templates added to the EPS system will not be automatically pushed to connected devices.
- Modified parameters will also not be automatically pushed to connected devices. If necessary, users should push updates manually.

8.3.3 Push Update

EPS supports the manual push of site configuration templates to devices.

Select a template and click the button in options. The update will trigger immediately.

8.3.4 Edit Site Template

EPS supports the configuration of template site and description.

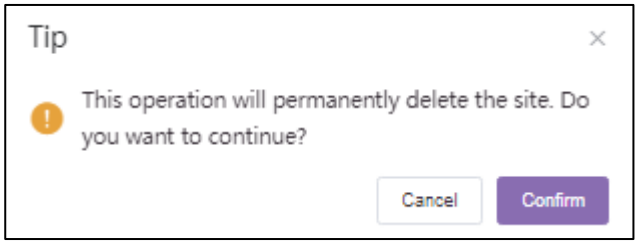
Click the button in options to edit.

8.3.5 Download Site Template

Users can download the latest configuration file of the current site template at any time. Click the button in options to download immediately.

8.3.6 Delete Site Template

Select the template, then click the “**Delete**” button. The template will be deleted after confirmation.



8.4 MAC Management

Users can customize and replace the configuration file of a device.

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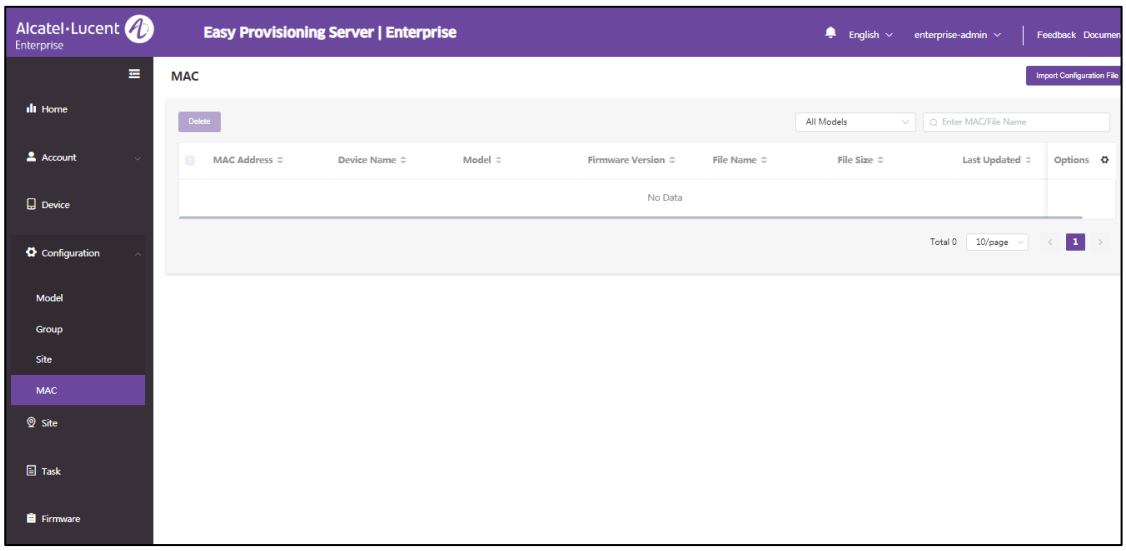
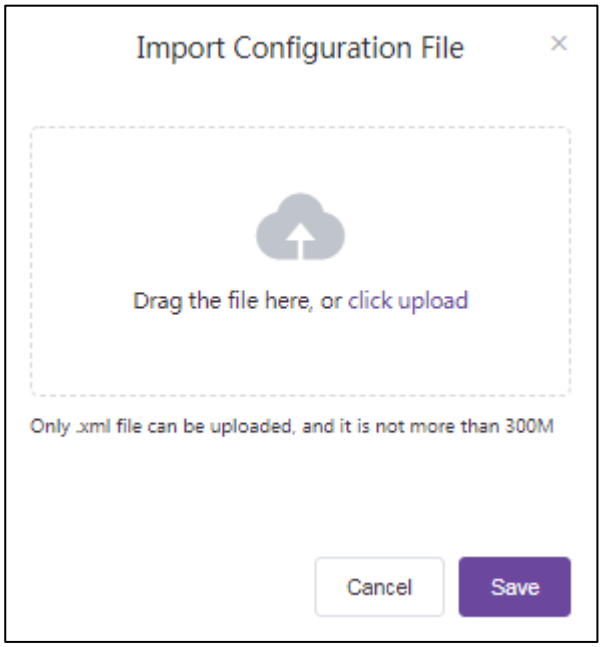


8.4.1 Import Configuration File

User can upload a pre-configured configuration file and push it to the device.

1. Click the "**Import Configuration File**" button on the upper right corner to enter the import file page.



2. Drag the configuration file to this window or click upload.

Note:

This file must be named according to the MAC address of the device, such as config.001182afd0b0.xml.

3. After uploading the file, click the "**Save**" button.

Note:

- Only supports XML format.
- If the MAC address of the file name is incorrect, the upload will fail.
- If the configuration file for this MAC already exists in the list, the file will be overwritten.

8.4.2 Push Update

EPS supports the manual push of configuration files to devices.

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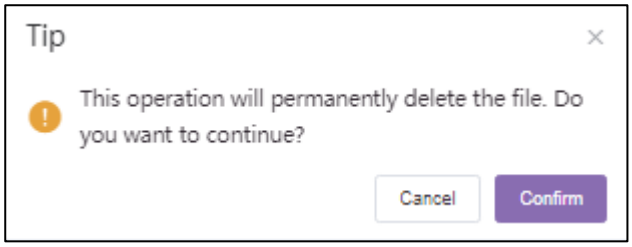
1. Select a template and click the button in options.

8.4.3 Download Template

Users can download the configuration file at any time. Click the button in options to download.

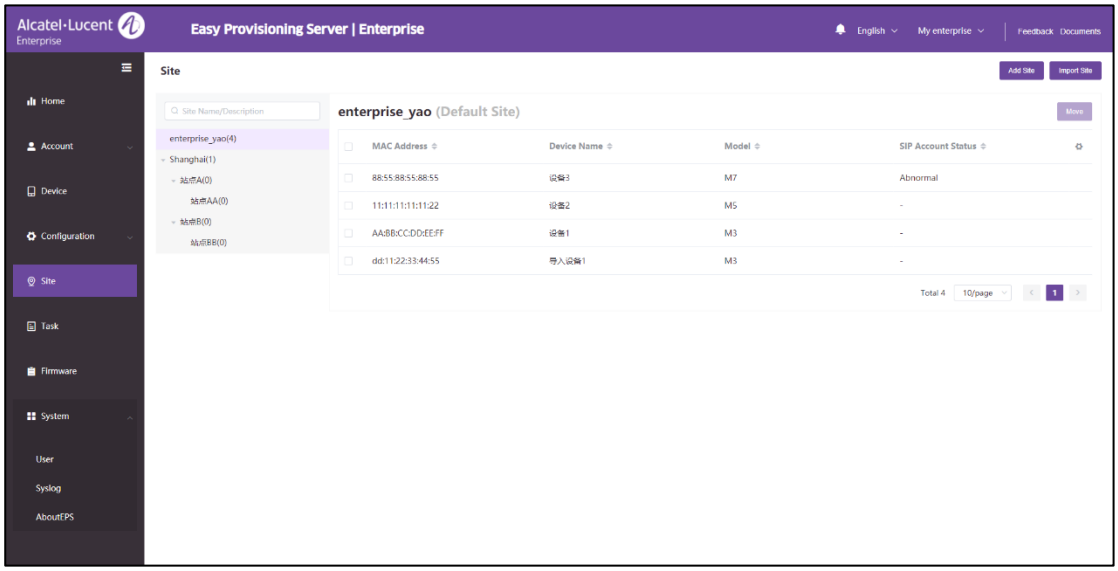
8.4.4 Delete Template

Select the template, then click the "**Delete**" button.



9. Site Management

This section describes site configuration operations and support multi-level management. Devices can be classified by department, geographic location, and network situation.



9.1 Add Site

From Site page, click the "**Add Site**" button to open the "Add Site" interface.

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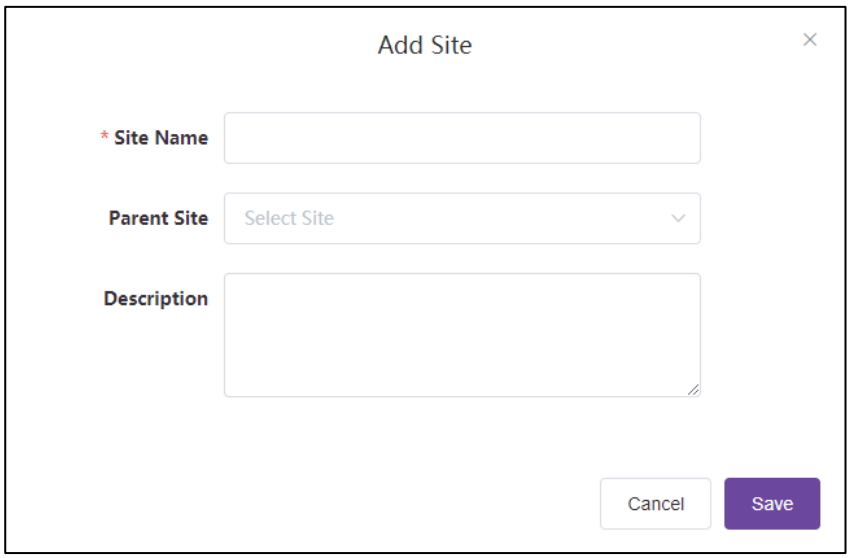

Menu	Description
Site Name (required)	Input the site name. The site name must be unique.
Parent Site	Select the parent site. If the parent site is empty, the root is selected by default.
Description	Input the site description.

Alternatively, click the ⊕ icon on the parent site to create a child site.

9.2 Import Site

Sites can also be imported via excel file.

Click the "**Import Site**" button to open a pop-up window.

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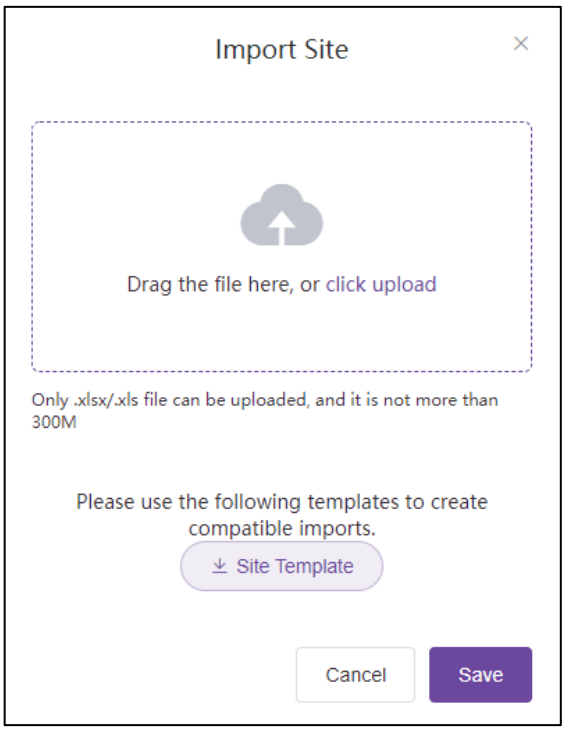
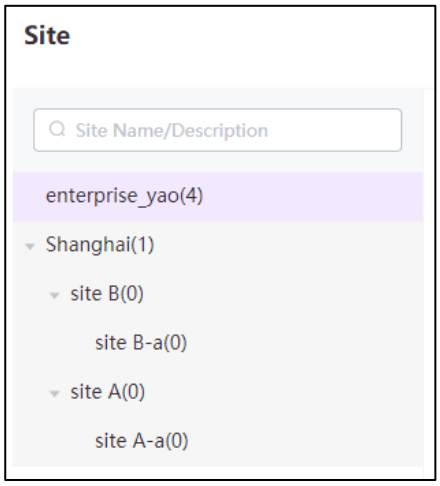


If you don't have a site template, click "**Site Template**" to download one. Fill out the required fields. For example:

*SiteName	Description
Shanghai	level1
Shanghai/site A	level2
Shanghai/site A/site A-a	level3
Shanghai/site B	level2
Shanghai/site B/site B-a	level3

Save the site as an excel file, then drag the file into designated area. Click the "**Save**" button to import.

Imported sites will display on the site page.



9.3 Edit Site

Click the icon to open the "Edit Site" interface.

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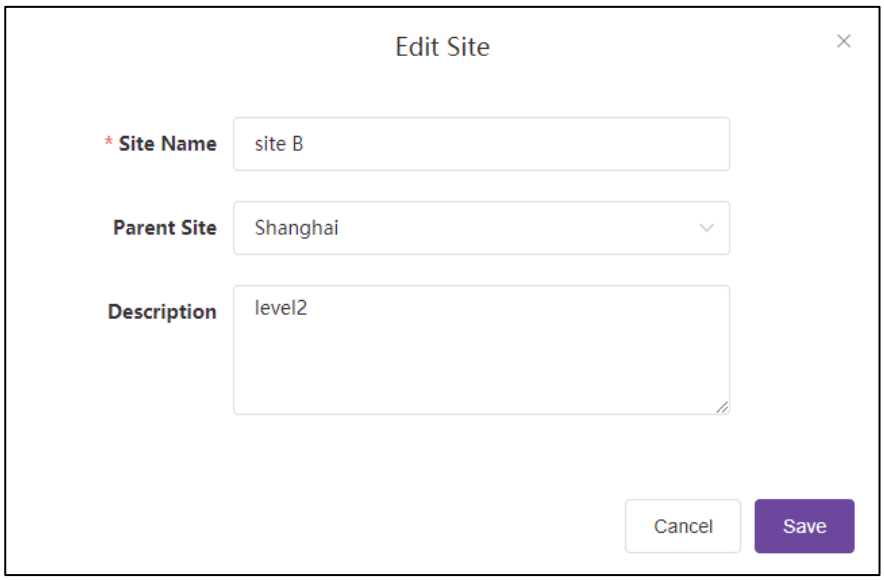
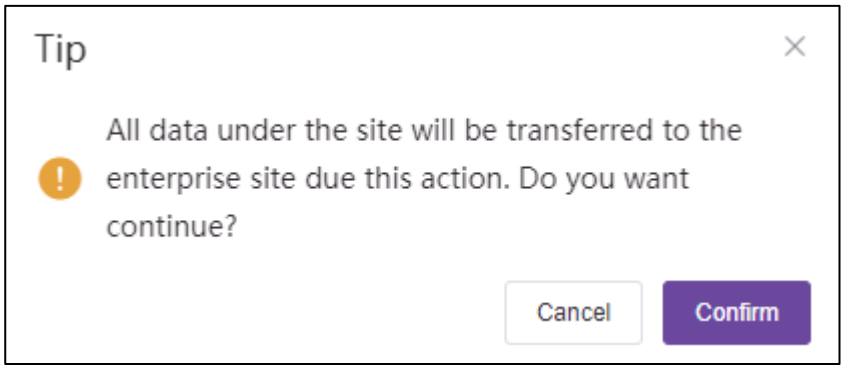


The entire site configuration can be modified.

9.4 Delete Site

Click the icon on the site to open a prompt. Click the "**Confirm**" button to delete the site.



9.5 Move Device

Users can move a device to another site from the site page.

1. Select devices that you want move.

2. Click the "**Move**" button. Select a site from drop-down box. Click the "**Save**" button. The devices will be moved to the target site.

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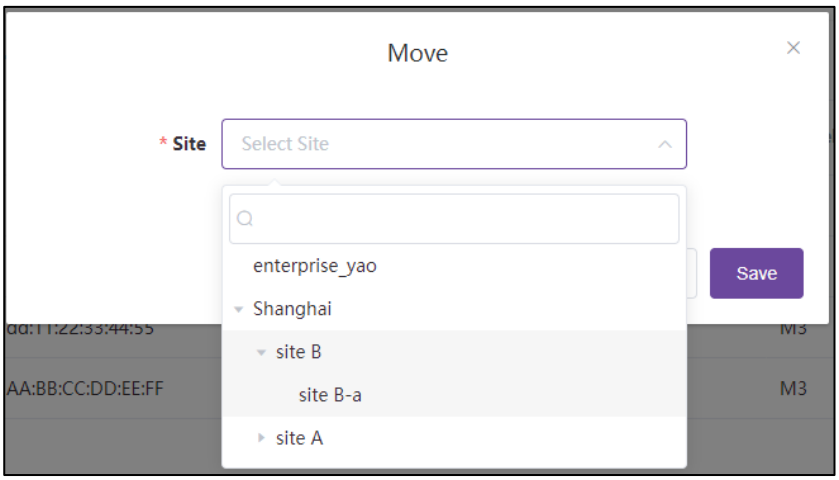
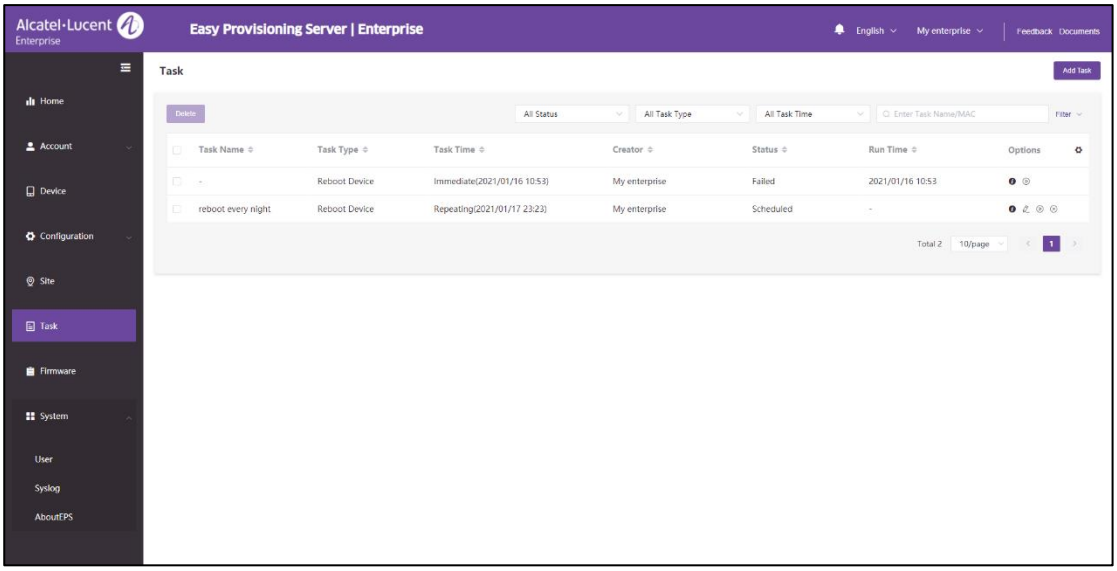


10. Task Management

Users can add, start, cancel, and delete tasks from this page. Users can filter any task that you want to check. Tasks can be filtered by status, type, running time, name, and so on.



10.1 Add Task

Click the “**Add Task**” button.

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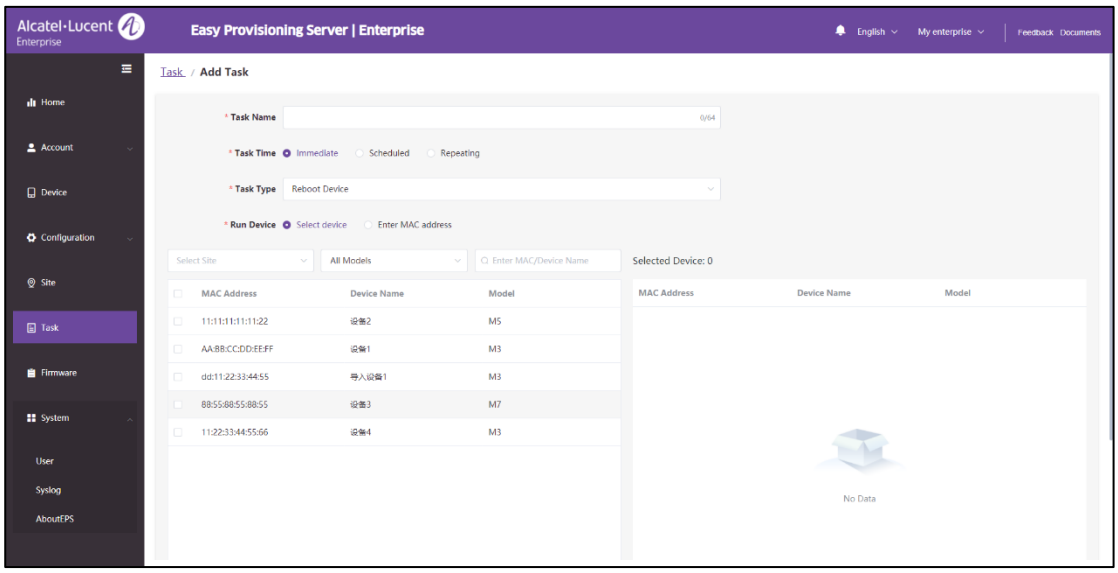
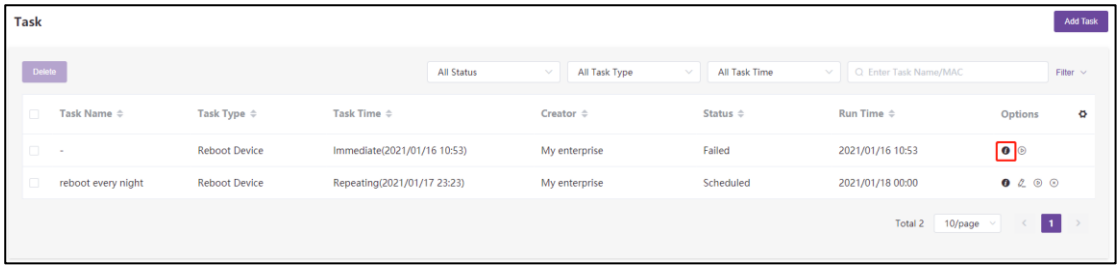


Menu	Description
Task Name (required)	Input the task name. Cannot exceed 64 characters.
Task Time (required)	Select the task time from Immediate, Scheduled, or Repeating. Repeating also includes daily, weekly, or monthly.
Task Type (required)	Select the task type, includes reboot device, factory reset, upgrade firmware, update config(Model), update config(Group), and update config(site). Select the specific model/group/ site and update config(Model)/update config(Group)/update config(site) if applicable.
Run Device (required)	Select the devices that will perform the task. Users can select a device or enter the MAC address. Users can filter devices by model, name, or MAC address.

10.2 Check Task Execution Results



Users can check the results of task execution. Click the icon to check the results.

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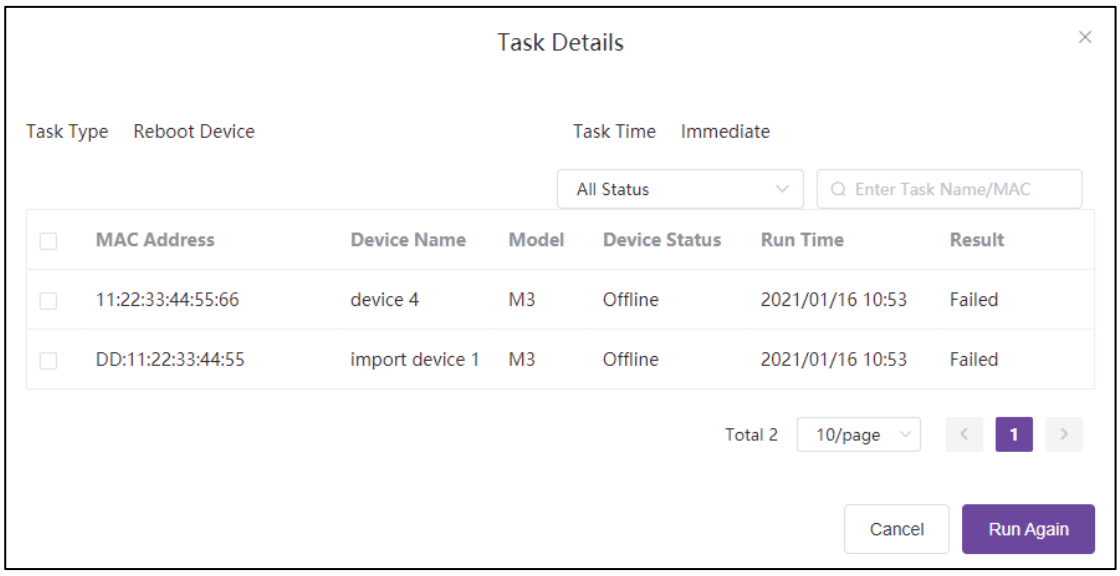
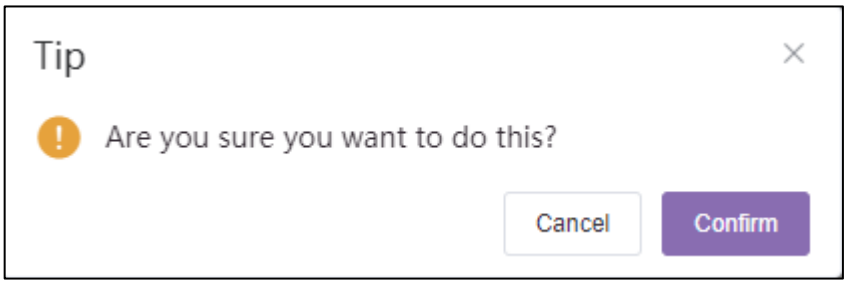


The task details window will display the status of all devices for the task. Device information includes MAC address, name, model, status, run time, and execution result.

Devices can be filtered by status, MAC address, and name.

10.3 Start Task

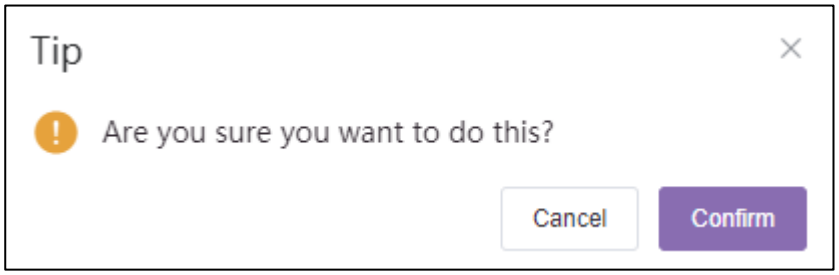
Users can manually trigger a task start. Select a task, then click the ⓟ icon to run the task immediately. A prompt will appear.



Click the "**Confirm**" button to start the task.

10.4 Cancel Scheduled Task

Users can cancel a scheduled task. Select a scheduled task, then click the ⓧ icon. A prompt will appear.



Click the "**Confirm**" button to cancel the task.

10.5 Search Task

Users can filter a task by name, type, time, MAC address, or name.

1. Enter the task name or MAC address in the search box, then press the enter key to trigger a search.
2. Click the ⓧ icon in search box, to clear all keywords. Press the enter key to display all tasks.

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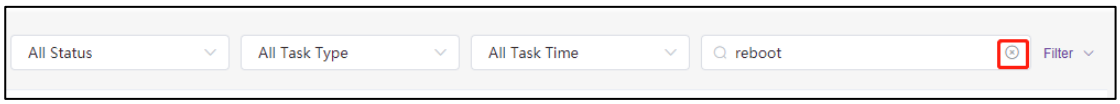
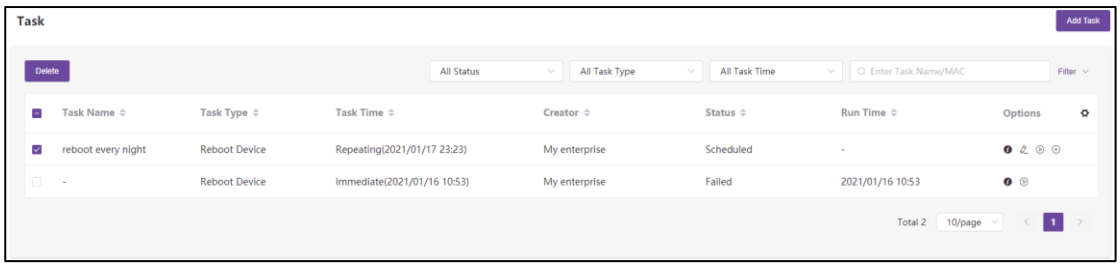
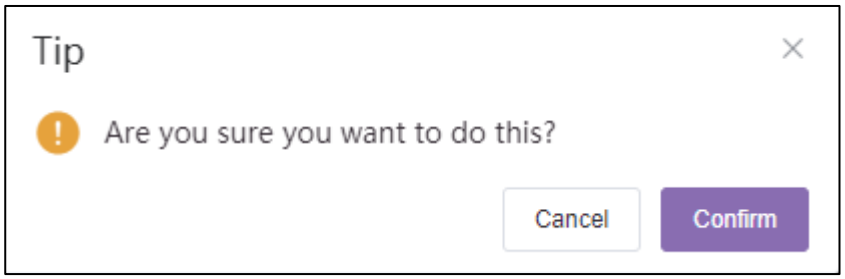


10.6 Delete Task

Users can delete task.

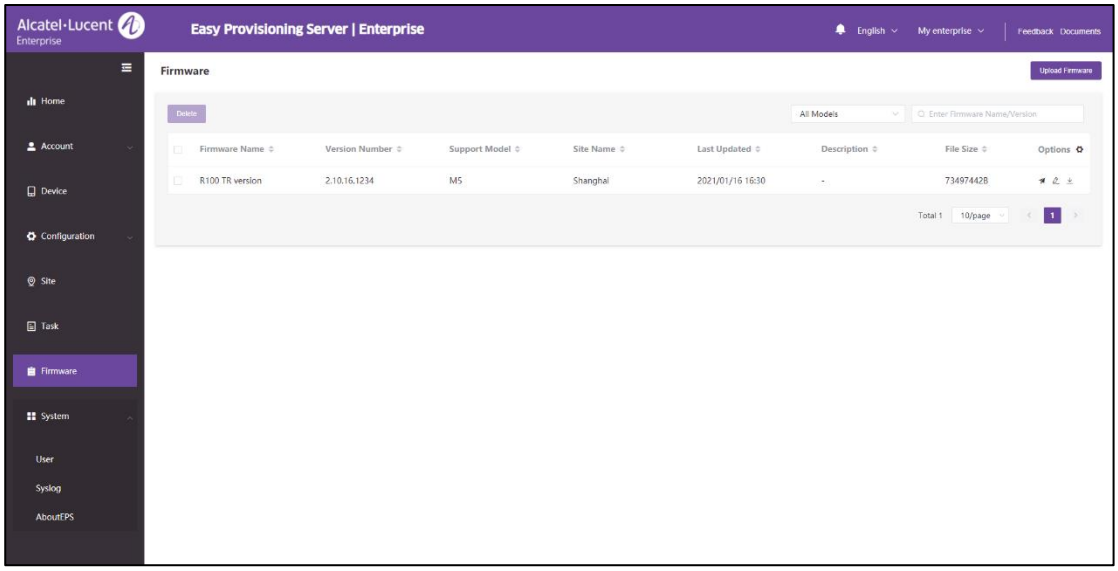


1. Select one or more tasks. Click the "**Delete**" button.



2. Click the "**Confirm**" button to delete the selected task(s).

11. Firmware Management



11.1 Upload Firmware

Click the "**Upload Firmware**" button in the firmware page, then input the corresponding content to complete the upload.

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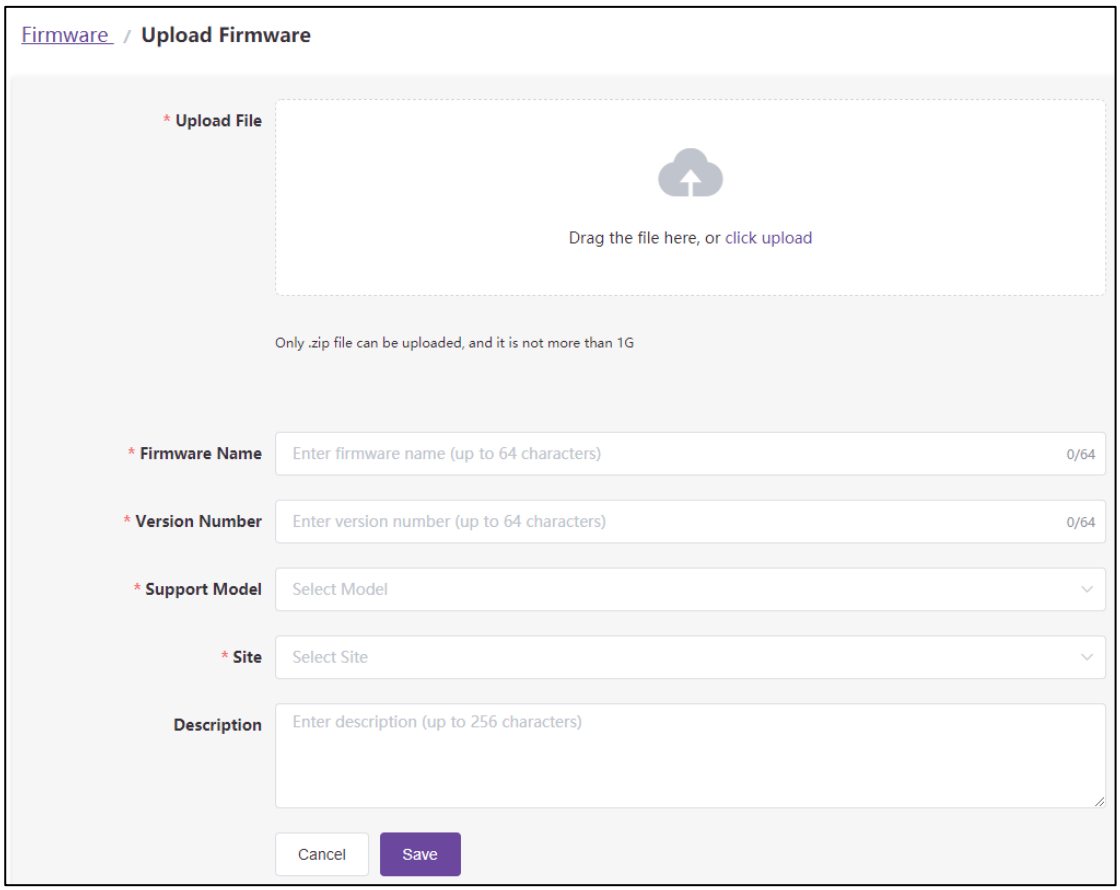

Menu	Description
Upload File (required)	The file from a local directory.
Firmware Name (required)	Input the firmware name.
Version Number (required)	Input the version number.
Support Model (required)	Select the support model from the drop-down box.
Site (required)	Select the site from the drop-down box.
Description	Input the description for the uploaded file.

11.2 Push Upload File

Users can push firmware to devices manually.

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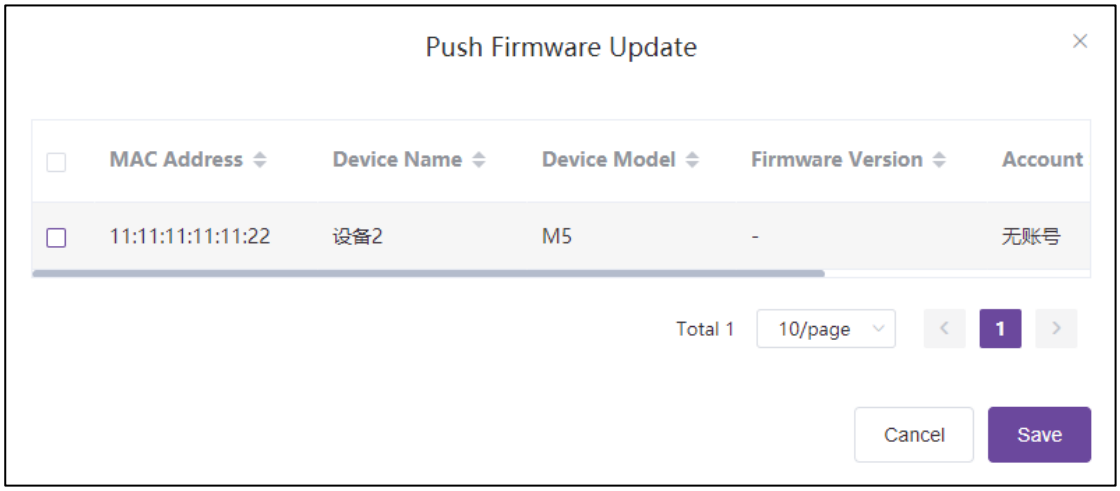
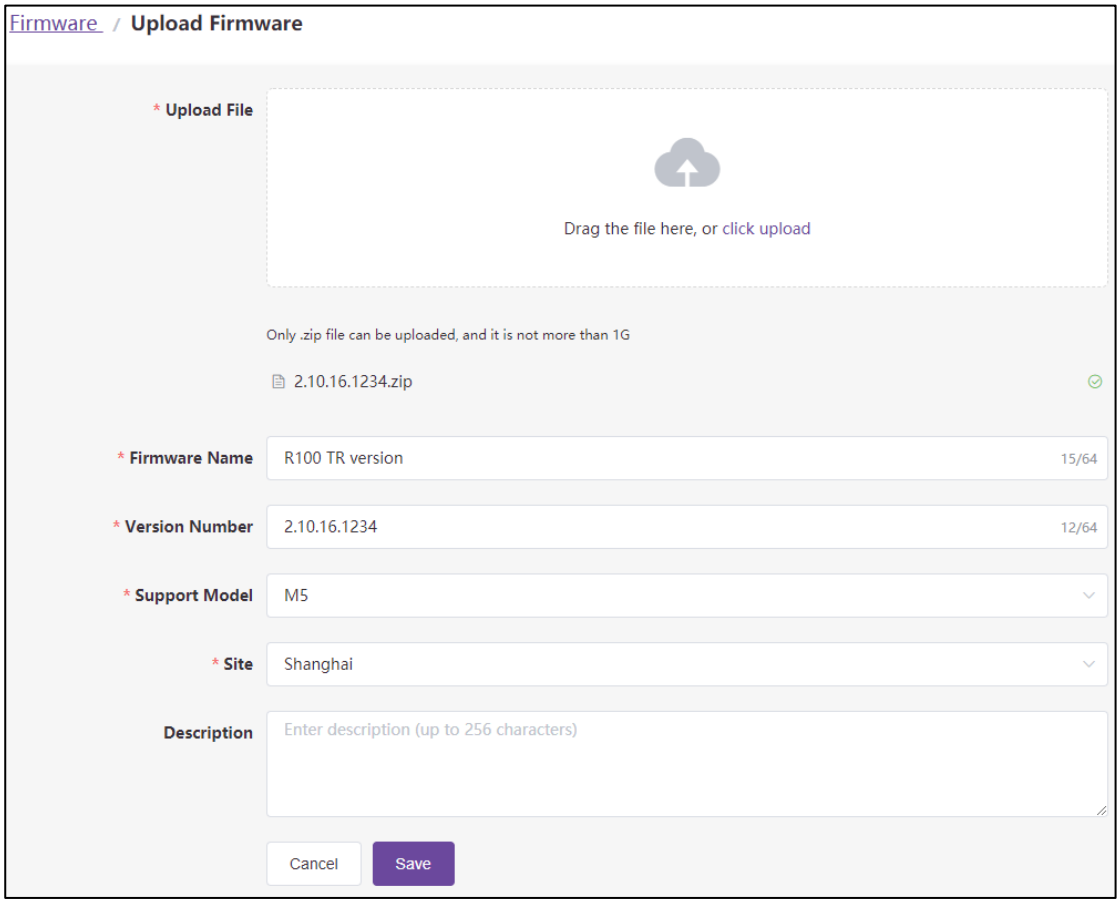
1. Click the icon on the firmware version to trigger a manual push. The Push Firmware Update window will appear.



2. Select the target devices. Click the "**Save**" button to complete firmware upload.

11.3 Edit Firmware

Click the icon in the Upload Firmware page to modify the contents.



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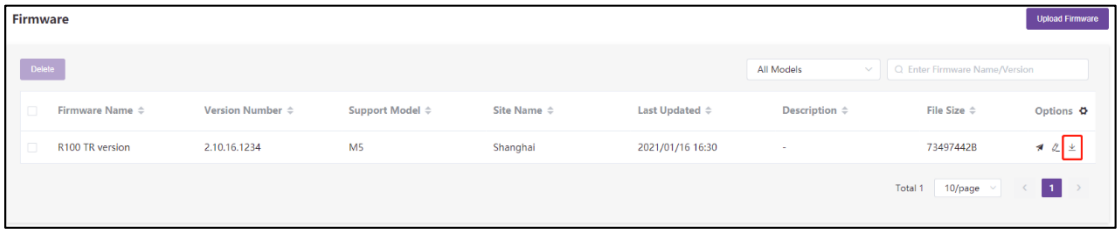
Click the “**Save**” button to save the modification.

11.4 Download Firmware

Click the ⬇ icon on the firmware to download to local machine.



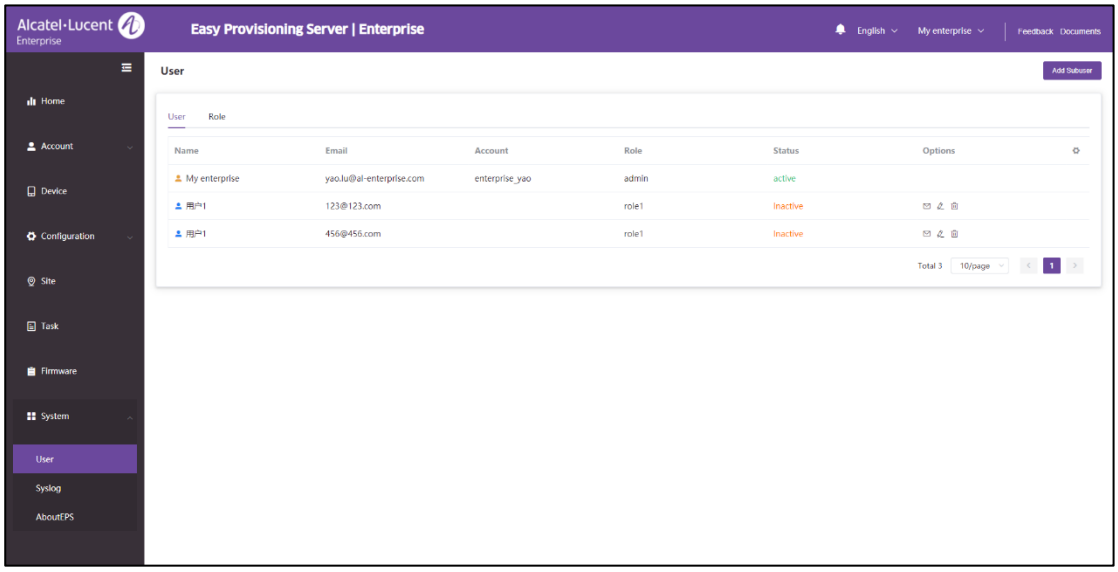
11.5 Delete Firmware

Select one or more firmware version, then click the “**Delete**” button to delete the selected firmware version.

12. System Management

12.1 User Management

This section describes user configuration operations and checking the syslog.



12.1.1 Add Role

Admins can add roles and configure different function role and data permissions. The ‘Admin’ role cannot be modified.

1. From the User page, select the “**Role**” tab. Click the “**Add Role**” button. The “Add Role” interface will appear.

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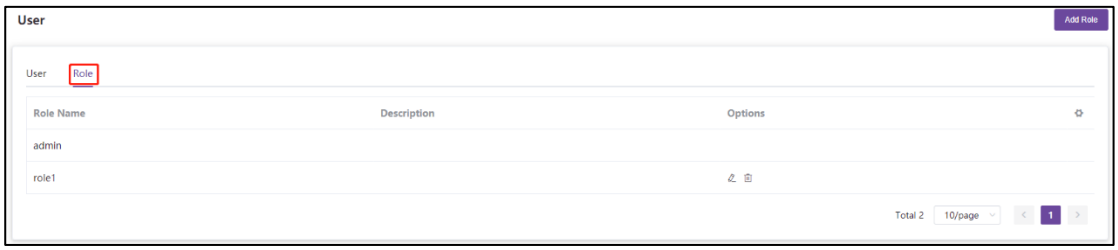
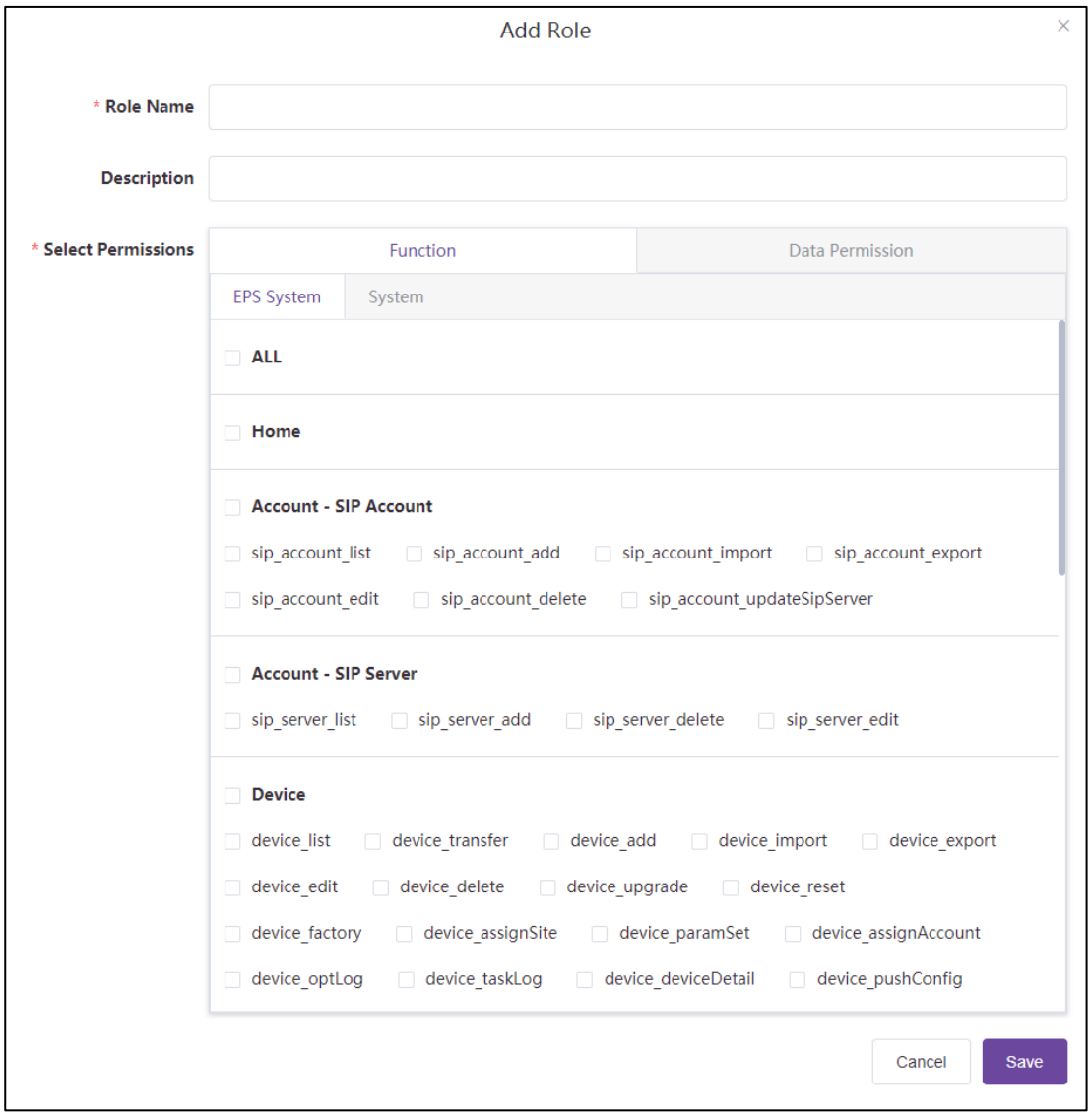


2. Input the role name, then select function and data permissions. Click the "**Save**" button.



Menu	Description
Role Name (required)	Input the role name. Role names must be unique.
Description	Input a description of the role.
Select Permissions (required)	Select the necessary function and data permissions. At least one permission must be selected.

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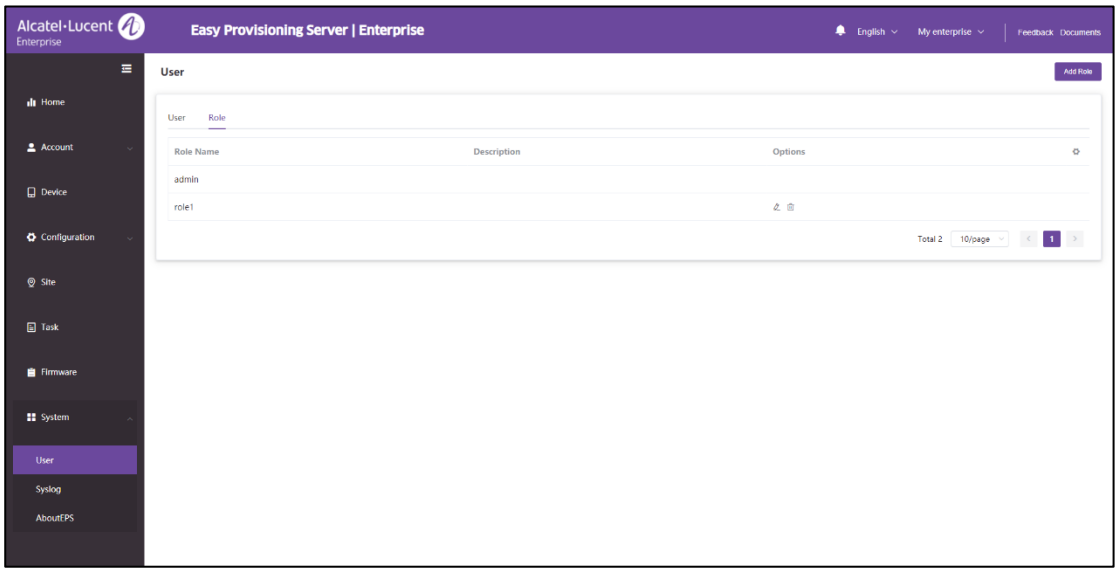
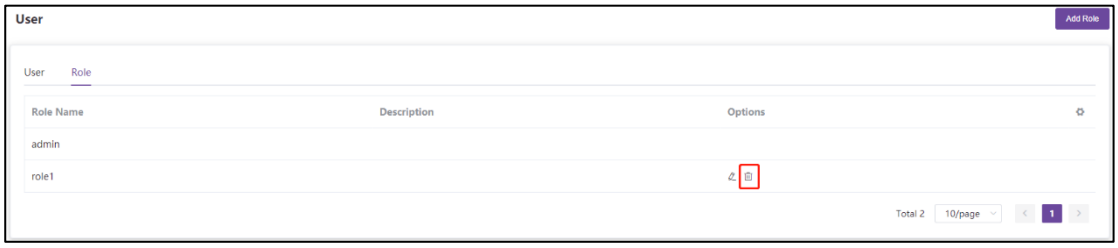
12.1.2 Edit Role

Click the icon on the role to open the “Edit Role” interface. All role configurations can be modified.



12.1.3 Delete Role



Click the icon on the role to open a pop-up window.

Click the “**Confirm”** button.

12.1.4 Add Subuser

From the User page, select the “**User**” tab. Click the “**Add Subuser**” button. The “Add Subuser” interface will appear.

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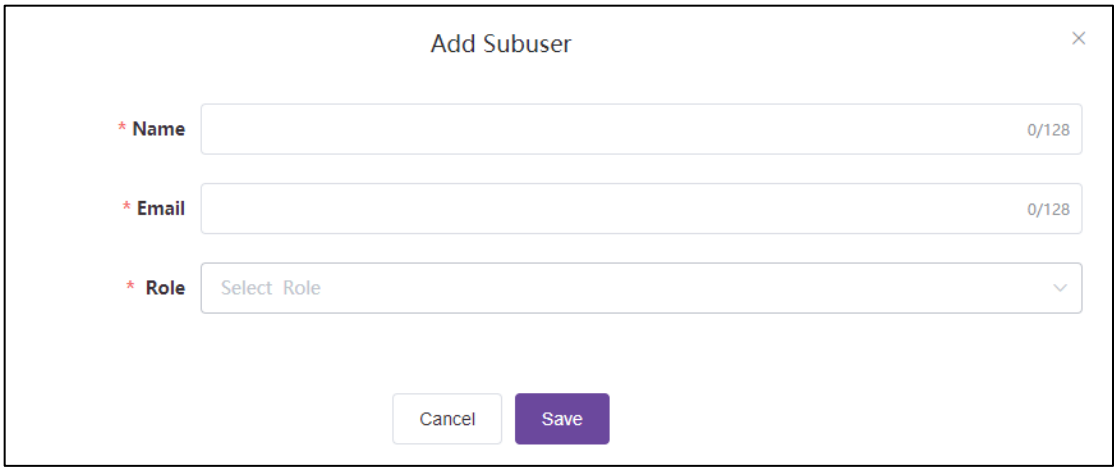
Input the name, email, and role. Click the “**Save**” button to create the subuser.



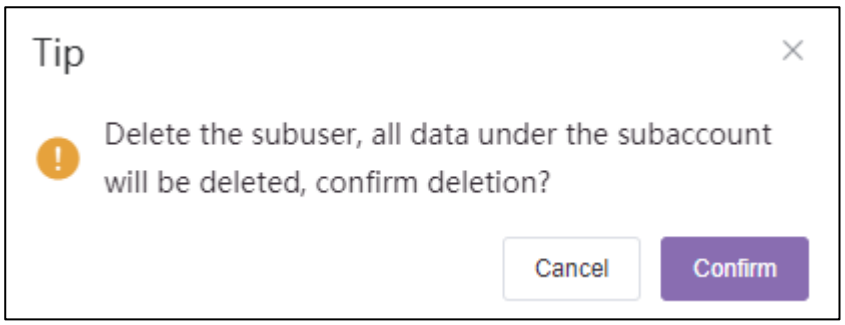
Menu	Description
Name (required)	Input the user name.
Email (required)	Input the email address. EPS will send an activation email to the specified address. The Email must be unique.
Role (required)	Select a role from the drop-down menu. Subusers cannot be assigned the Admin role.

12.1.5 Edit Subuser

Click the icon on the subuser to open the “Edit Subuser” interface.

12.1.6 Delete Subuser

Click the icon on the subuser to open a pop-up window.



Click the “**Confirm**” button to execute the operation.

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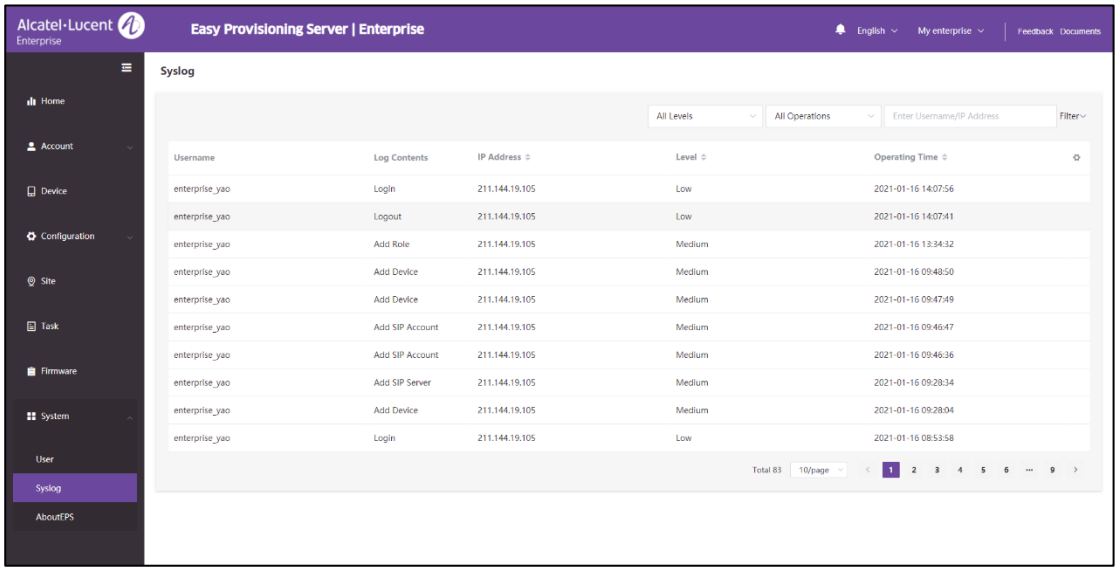
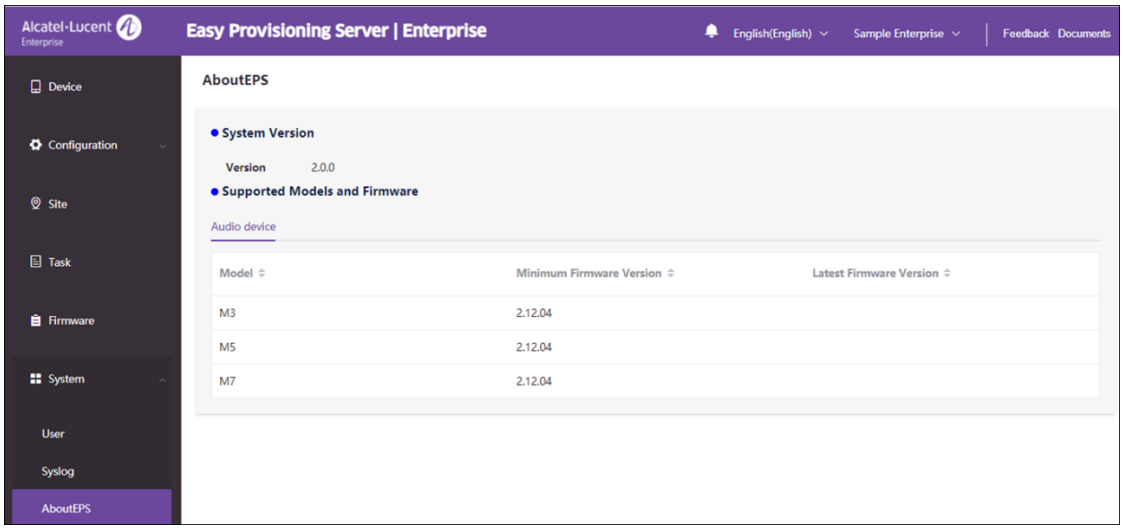
12.2 Syslog

The syslog page displays EPS operation logs. Users can filter the syslog by configuring filters. Filters include level, operations, IP address, username, and time.



12.3 About EPS



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