

# Linkus Server

Yeastar S-Series VoIP PBX

Version:

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# Yeastar Linkus

Coordinated with Yeastar S-Series VoIP PBX, Yeastar Linkus provides you with easy access to enhanced call efficiency with enterprise-grade telephony features across all devices at your choice, and gives you remote working agility with softphone, instant messaging, file sharing, etc.

## Linkus Server

Linkus Server is designed to work with the Linkus Unified Communications Client app.

To set up Linkus Server for local access only, see [Set up Linkus Server without LCS/LCS Pro](#).

To set up Linkus Server for both local access and remote access, we recommend that you subscribe Linkus Service (**Linkus Cloud Service (LCS)** or **Linkus Cloud Service Pro (LCS Pro)**). For more information, see [Linkus Service](#).



### Note:

If you want to enjoy Linkus remote connection without subscribing LCS or LCS Pro, you have to go through tricky server and complicated network settings. For more information, contact Yeastar.

## Linkus Client

Available using Microsoft Windows, macOS, iOS, and Android, Linkus transforms desktop and mobile phone into a fully-featured office extension, provides convenient call experience, and offers powerful collaboration features like presence, instant messaging, contacts management, etc.

To download Linkus Clients, see [Linkus Download](#).

To know more about Linkus Clients, see [Linkus Help](#).

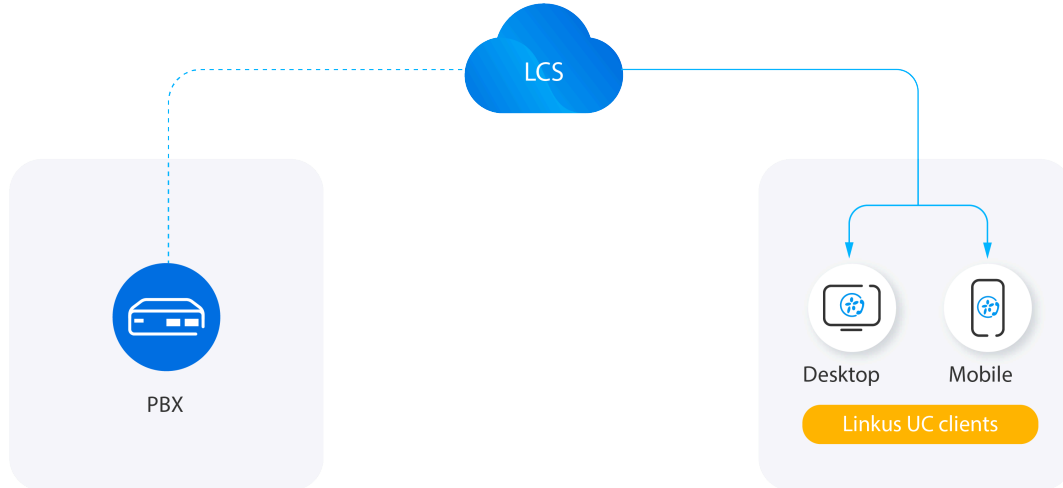
## Linkus Service

To make remote working easier and more accessible for Yeastar S-Series VoIP PBX users, Yeastar provides two types of Linkus service:

- [Linkus Cloud Service \(LCS\)](#)
- [Linkus Cloud Service Pro \(LCS Pro\)](#)

### Linkus Cloud Service (LCS)

LCS avoids the necessity of port forwarding when using Linkus outside of the company and offers secure, uninterrupted Linkus remote connection in no time, so your teams can work and collaborate with clear, reliable calling and secure unified communications, irrespective of locations.

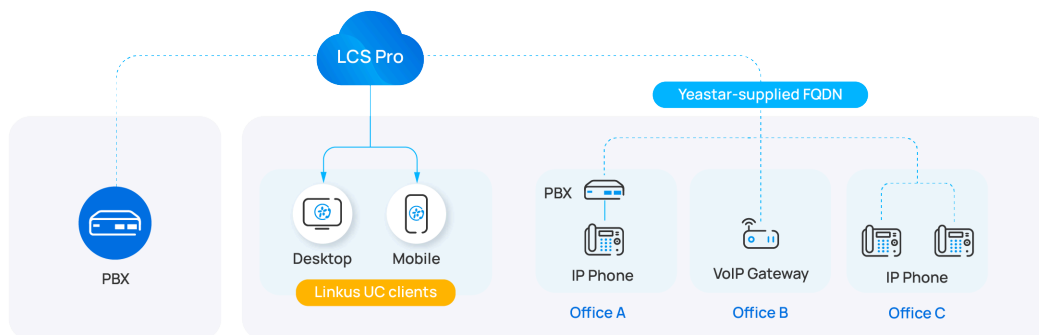


To quickly set up Linkus remote connection with LCS, follow the instructions provided below:

- [Step1. Set up Linkus Server with Linkus Cloud Service \(LCS\)](#)
- [Step2. Enable Linkus Client for Users](#)
- [Step3. Send Linkus Emails to Users](#)

### Linkus Cloud Service Pro (LCS Pro)

As an upgraded plan for LCS, LCS Pro includes everything in the LCS plus the additional features of dedicated **PBX domain name (FQDN)** and **Remote SIP Service**, allowing you to register remote IP phones, gateways, branch office PBXs, and alike SIP endpoints to the PBX effortlessly, securely, and without port forwarding.



To quickly set up Linkus remote connection with LCS Pro, follow the instructions provided below:

- [Step1. Set up Linkus Server with Linkus Cloud Service Pro \(LCS Pro\)](#)
- [Step2. Enable Linkus Client for Users](#)
- [Step3. Send Linkus Emails to Users](#)

To register remote SIP endpoints via Yeastar FQDN, see the following topics:

- [Register a Remote Extension via Yeastar FQDN](#)
- [Register Branch Office PBXs to Headquarter PBX via Yeastar FQDN \(Multisite Interconnect\)](#)
- [Create an Account Trunk for Remote Registration via Yeastar FQDN](#)

## Linkus Server

### Set up Linkus Server with Linkus Cloud Service (LCS)

This topic describes how to set up Linkus Server with Linkus Cloud Service (LCS).

#### Prerequisites

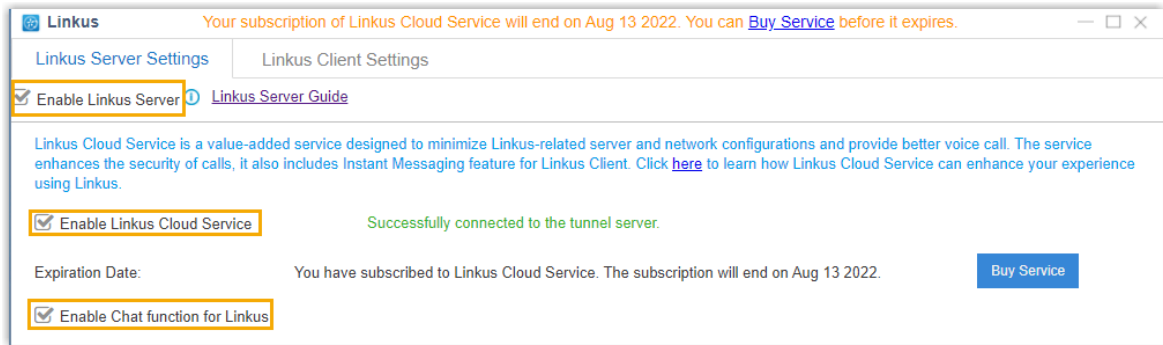
You have subscribed or have started free trial of **Linkus Cloud Service**.

**Tip:**

For PBX version earlier than **30.15.0.100/65.16.0.8/78.16.0.8**, you can try Linkus Cloud Service free for 30 days.

#### Procedure

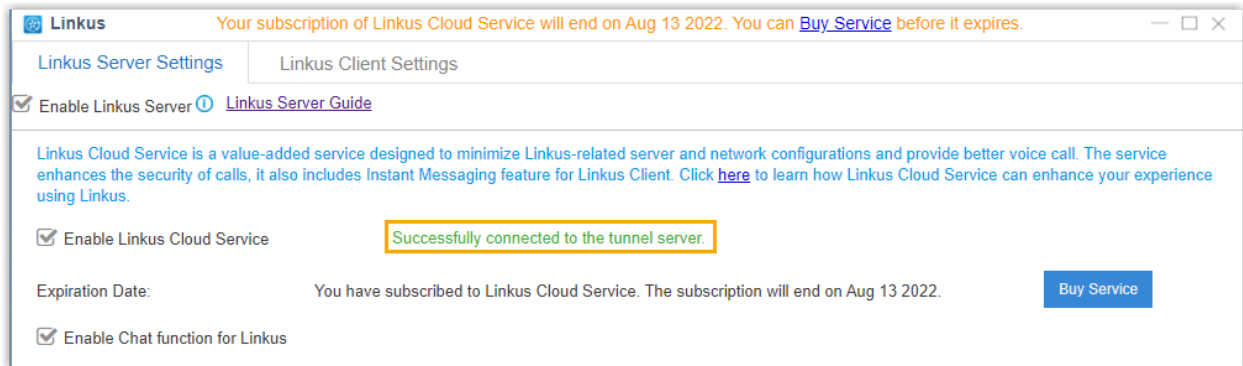
1. Log in to PBX web interface, go to **Linkus > Linkus Server Settings > Linkus Cloud Service**.
2. Select the checkboxes of **Enable Linkus Server**, **Enable Linkus Cloud Service**, and **Enable Chat function for Linkus**.



3. Click **Save and Apply**.

## Result

A prompt **Successfully connected to the tunnel server** is displayed, indicating that Linkus Server is successfully set up.



## What to do next

[Enable Linkus Client for users.](#)

### Related information

[Set up Linkus Server with Linkus Cloud Service Pro \(LCS Pro\)](#)

[Set up Linkus Server without LCS/LCS Pro](#)

## Set up Linkus Server with Linkus Cloud Service Pro (LCS Pro)

This topic describes how to set up Linkus Server with Linkus Cloud Service Pro (LCS Pro).

### Prerequisites

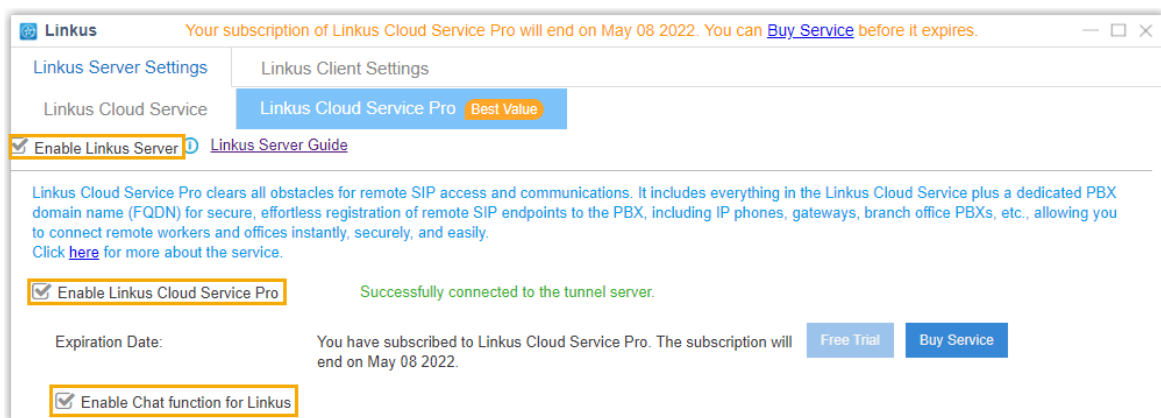
You have subscribed or have started free trial of **Linkus Cloud Service Pro**.

**Tip:**

For PBX version **30.15.0.100/65.16.0.8/78.16.0.8** or later, you can try Linkus Cloud Service Pro free for 30 days.

## Procedure

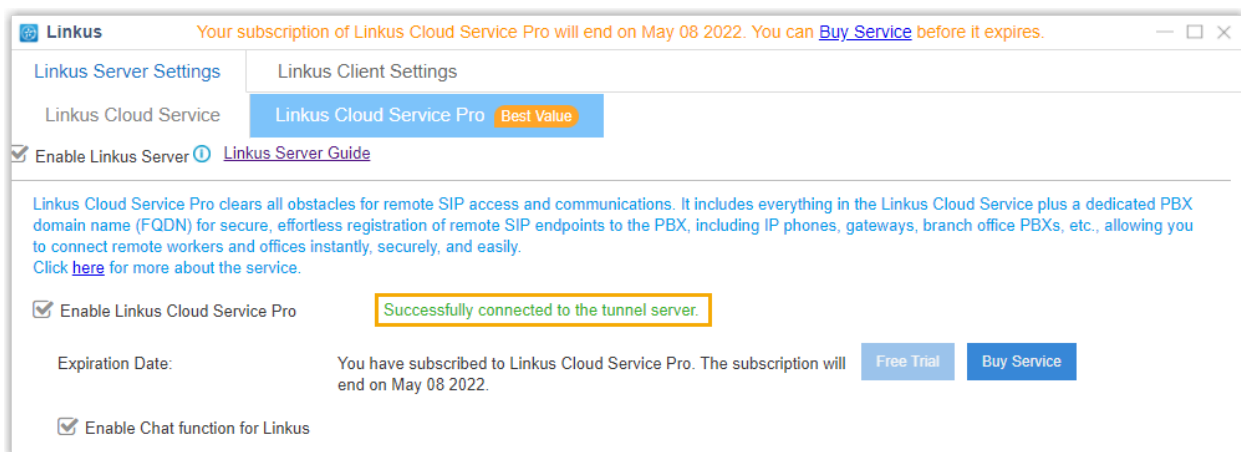
1. Log in to PBX web interface, go to **Linkus > Linkus Server Settings > Linkus Cloud Service Pro**.
2. Select the checkboxes of **Enable Linkus Server**, **Enable Linkus Cloud Service Pro**, and **Enable Chat function for Linkus**.



3. Click **Save and Apply**.

## Result

A prompt **Successfully connected to the tunnel server** is displayed, indicating that Linkus Server is successfully set up.



## What to do next

[Enable Linkus Client for users.](#)

### Related information

[Set up Linkus Server with Linkus Cloud Service \(LCS\)](#)

[Set up Linkus Server without LCS/LCS Pro](#)

## Set up Linkus Server without LCS/LCS Pro

If you don't subscribe Linkus Cloud Service (LCS) or Linkus Cloud Service Pro (LCS Pro), you can still use Linkus in local network. This topic describes how to set up Linkus Server for local access.

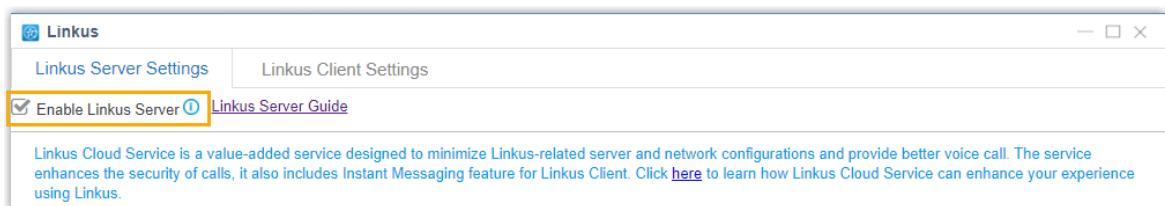


### Note:

To enjoy Linkus remote connection without subscribing LCS or LCS Pro, you have to go through tricky server and complicated network settings. For more information, contact Yeastar.

## Procedure

1. Log in to PBX web interface, go to **Linkus > Linkus Server Settings**.
2. Select the checkbox of **Enable Linkus Server**.



3. Click **Save and Apply**.

## Result

Linkus Server is set up for local access.

## What to do next

[Enable Linkus Client for users.](#)



## Related information

[Set up Linkus Server with Linkus Cloud Service \(LCS\)](#)

[Set up Linkus Server with Linkus Cloud Service Pro \(LCS Pro\)](#)

# Linkus Client

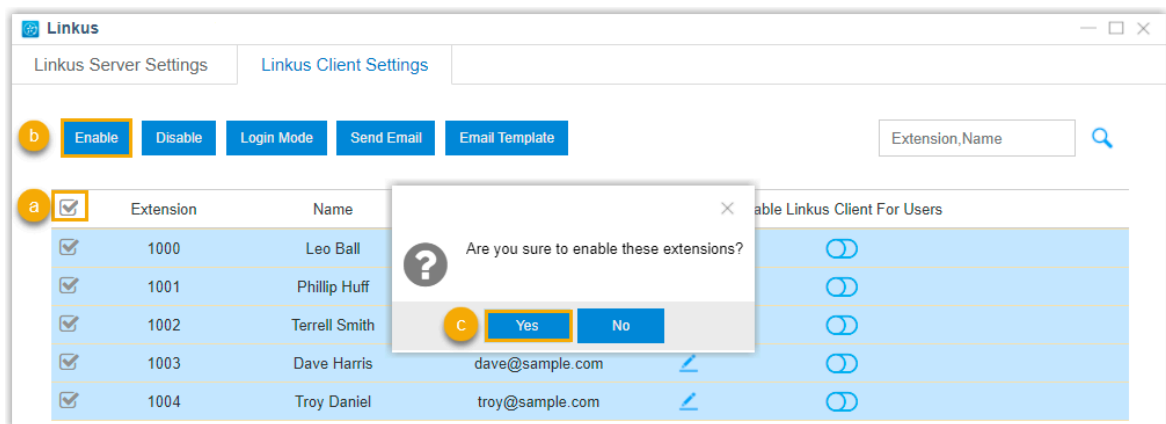
## Enable or Disable Linkus Client for Users

After setting up Linkus Server, you need to enable Linkus Client for extension users, so that they can log in to Linkus Client. To restrict users from using Linkus, you can disable Linkus Client for users.

### Enable Linkus Client for users

To allow users to use Linkus, you need to enable Linkus Client for users.

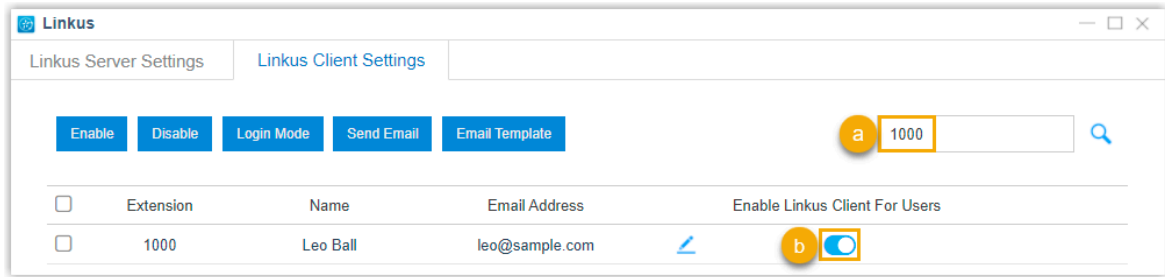
1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. To enable Linkus Client for all users, do as follows:



#### Tip:

PBX only supports selecting all the extensions on the current page. You can set a larger **Displaying** value to display more extensions on one page.

- a. Select the checkboxes of all the extensions.
  - b. Click **Enable**.
  - c. In the pop-up dialog box, click **Yes** to confirm.
3. To enable Linkus Client for a specific user, do as follows:



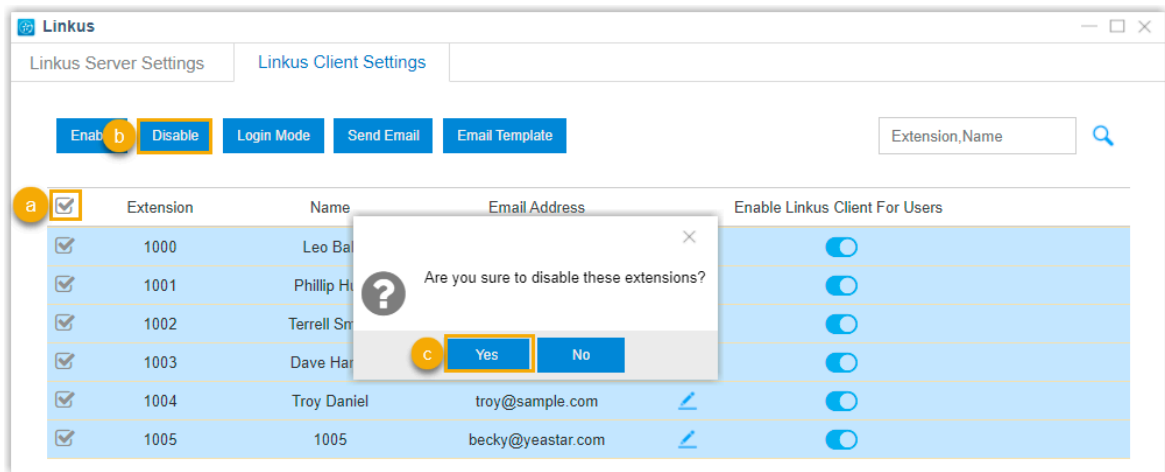
- a. Search the user by extension number or name.
- b. Enable Linkus Client for the user.

 indicates that Linkus Client is enabled.

## Disable Linkus Client for users

To restrict users from using Linkus, you can disable Linkus Client for users.

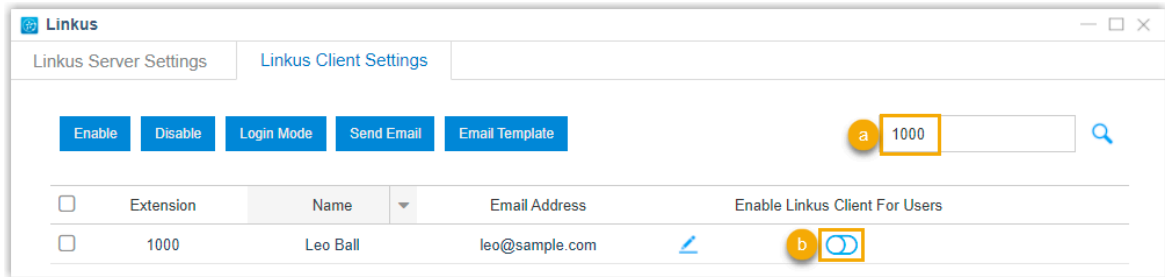
1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. To disable Linkus Client for all users, do as follows:



### Tip:

PBX only supports selecting all the extensions on the current page. You can set a larger **Displaying** value to display more extensions on one page.

- a. Select the checkboxes of all the extensions.
  - b. Click **Disable**.
  - c. In the pop-up dialog box, click **Yes** to confirm.
3. To disable Linkus Client for a specific user, do as follows:



- a. Search the user by extension number or name.
- b. Disable Linkus Client for the user.

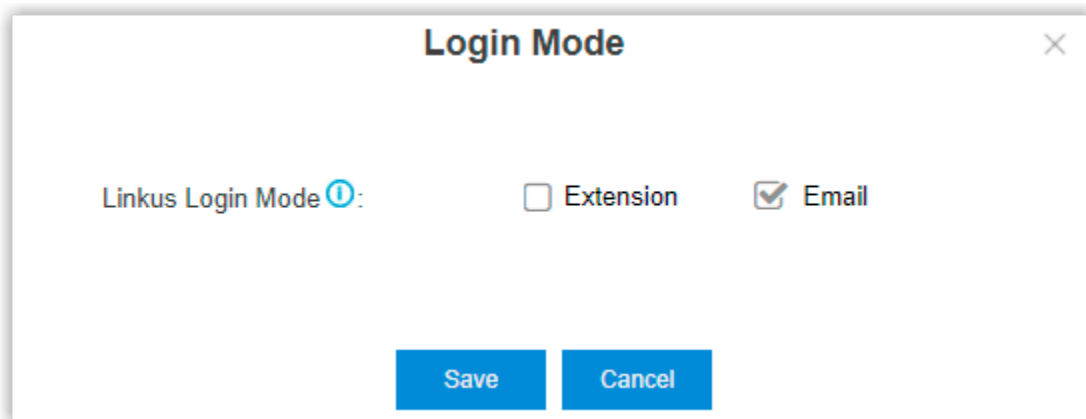
 indicates that Linkus Client is disabled.

## Set up Linkus Client Login Mode

Yeastar S-Series VoIP PBX provides two login modes for users: Extension Mode and Email Mode. By default, users should log in to Linkus Client by their extension numbers. To enhance the Linkus security, you can change the login mode to Email Mode, which will force users to log in Linkus by email address.

### Procedure

1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. Click **Login Mode**.
3. In the pop-up window, select the login mode.



- **Extension:** Users should log in to Linkus Client by their extension numbers.
- **Email:** Users should log in to Linkus Client by the email addresses that are associated with their extensions.

**Note:**

If you select both **Extension** mode and **Email** mode, users can log in to Linkus Client by either extension number or email address.

4. Click **Save** and **Apply**.

## Send Linkus Client Login Credentials to Users

After you enable Linkus Client for users, you need to send login credentials to these users. This topic describes what you need to do to provide users with login credentials, and how users can log in to Linkus Client.

### Send login credentials to users for quick login

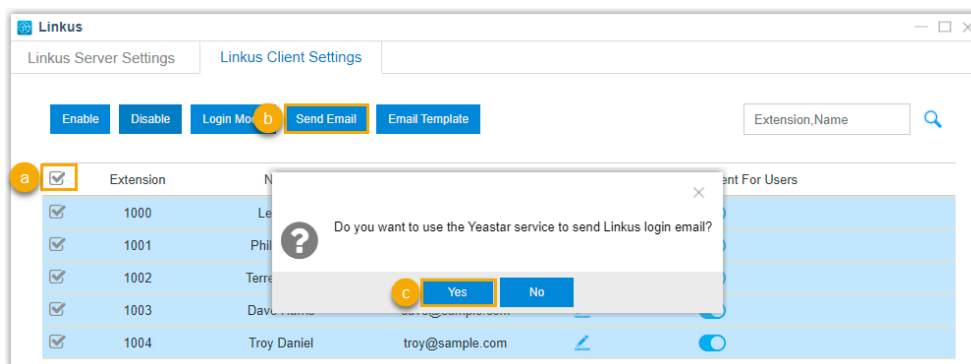
In most cases, you can send Linkus emails to users. In this way, users can log in to Linkus Client in seconds via the QR code or link provided in the emails.

#### Prerequisites

- You have set up [System Email](#) .
- You have bound extension numbers with email addresses.

#### Procedure

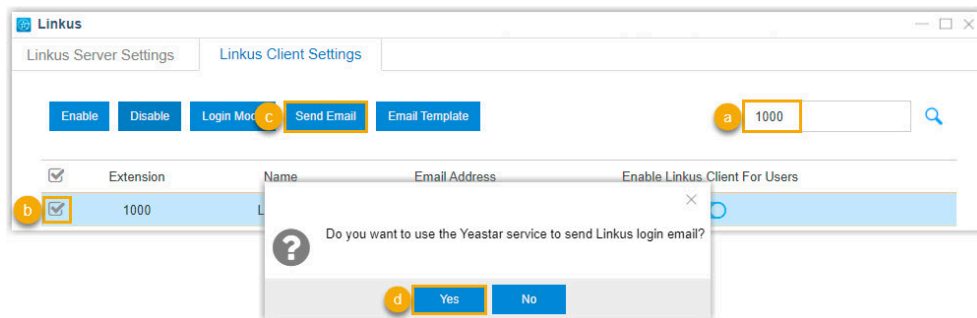
1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. To send Linkus emails to all users, do as follows:



**Tip:**

PBX only supports selecting all the extensions for the current page. You can set a larger **Displaying** value to display more extensions on one page.

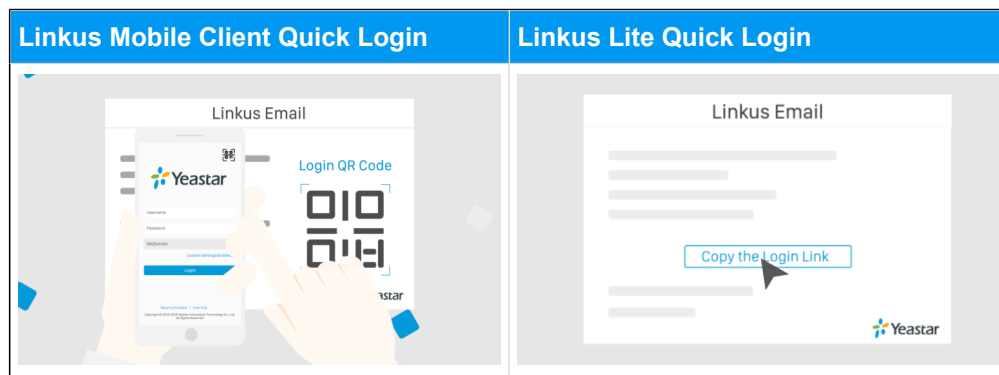
- a. Select the checkboxes of all the extensions.
  - b. Click **Send Email**.
  - c. In the pop-up dialog box, click **Yes**.
3. To send Linkus email to a specific user, do as follows:



- a. Search the user by extension number or name.
- b. Select the desired extension user.
- c. Click **Send Email**.
- d. In the pop-up dialog box, click **Yes** to confirm.

**Result**

Users will receive Linkus login emails. They can log in to Linkus Client by scanning the QR code or pasting the link provided in the emails..



## Send login credentials to users for manual login

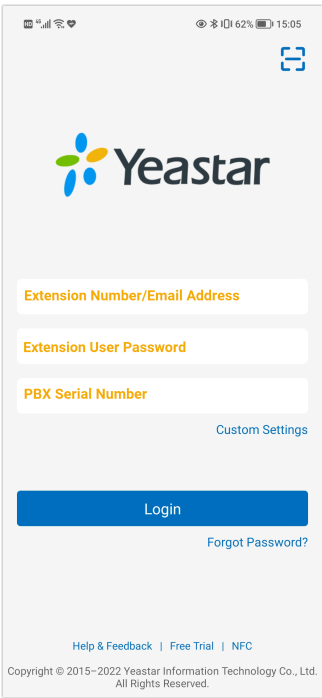
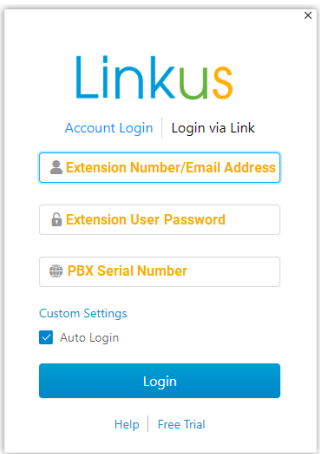
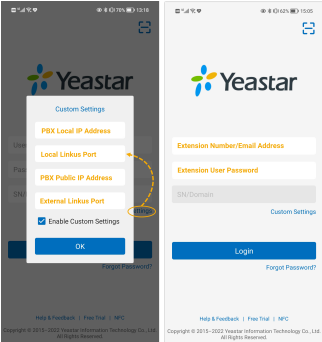
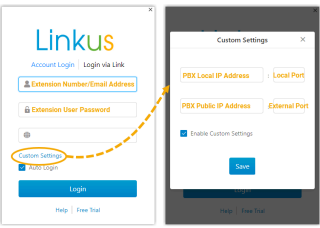
In case users fail to receive Linkus emails or access mailbox, you can provide users with PBX credential and extension credential. Users can manually log in to Linkus Client by entering PBX credential and their extension credentials.

### Login credential

Depending on different kinds of Linkus Server that you have set up, you need to provide different information for users to log in to Linkus Client.

Linkus Server Type	Login Credential
Linkus Server (with LCS/LCS Pro)	<ul style="list-style-type: none"><li>• PBX serial number</li><li>• Email address or extension number</li><li>• User password</li></ul>
Linkus Server (without LCS/LCS Pro)	<ul style="list-style-type: none"><li>• PBX local IP address and local Linkus port (for local login)</li><li>• PBX public IP address and external Linkus port (for remote login)</li><li>• Email address or extension number</li><li>• User password</li></ul>

### Linkus login

Linkus Mobile Client Manual Login	Linkus Lite Manual Login
<p><b>Figure 1. Linkus Server (with LCS/LCS Pro)</b></p> 	<p><b>Figure 3. Linkus Server (with LCS/LCS Pro)</b></p> 
<p><b>Figure 2. Linkus Server (without LCS/LCS Pro)</b></p> 	<p><b>Figure 4. Linkus Server (without LCS/LCS Pro)</b></p> 

## Linkus Email

### Change Linkus Email Template

Yeastar S-Series VoIP PBX has a default Linkus email template that contains a QR code and a link for login, as well as instructions on how to log in to Linkus Client. You can edit the email template as needed.

## Procedure

1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. Click **Email Template**.
3. **Optional:** To change email language, do as follows:
  - a. At the top-left corner, click **Notification Email Language**.



- b. In the pop-up window, select a desired language.
- c. Click **Save**.

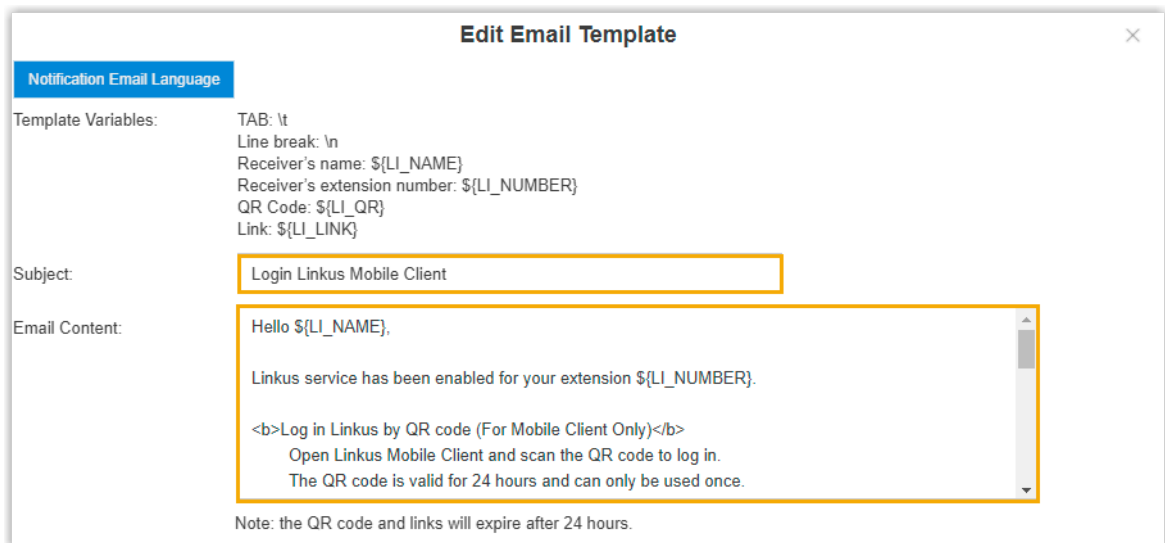
The email template is displayed in the new language.

4. Edit the email subject and email contents as needed.



### Note:

The variable names are unchangeable. You can adjust the placement of the variables according to your contents.



5. Click **Save and Apply**.



## Send Linkus Emails to Users

You can send Linkus emails to users, so that they can log in to Linkus Client in a quicker way.

### Background information

Yeastar S-Series VoIP PBX has a default Linkus email template that contains a QR code and a link for login, as well as instructions on how to log in to Linkus Client. You can edit the email template as needed.

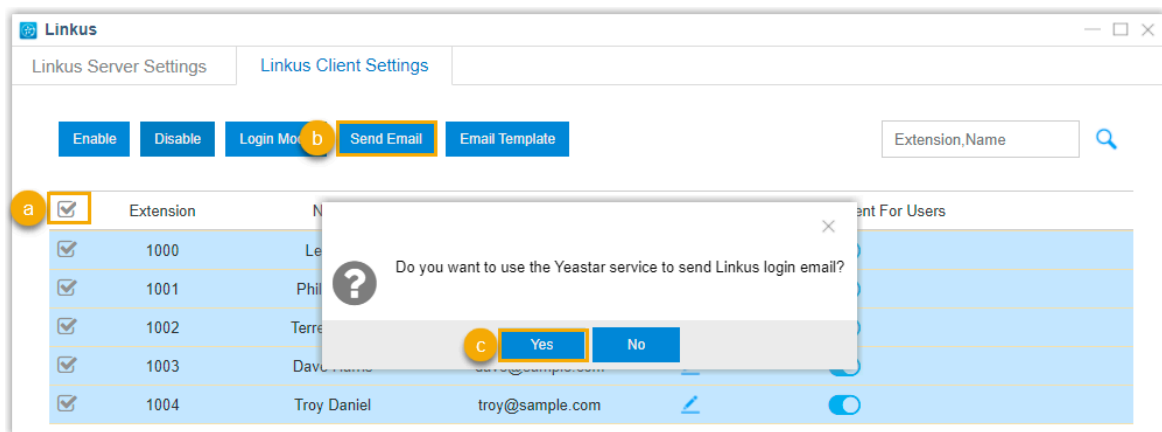
For more information, see [Change Linkus Email Template](#).

### Prerequisites

- You have set up [System Email](#) .
- You have bound extension numbers with email addresses.

### Procedure

1. Log in to PBX web interface, go to **Linkus > Linkus Client Settings**.
2. To send Linkus emails to all users, do as follows:

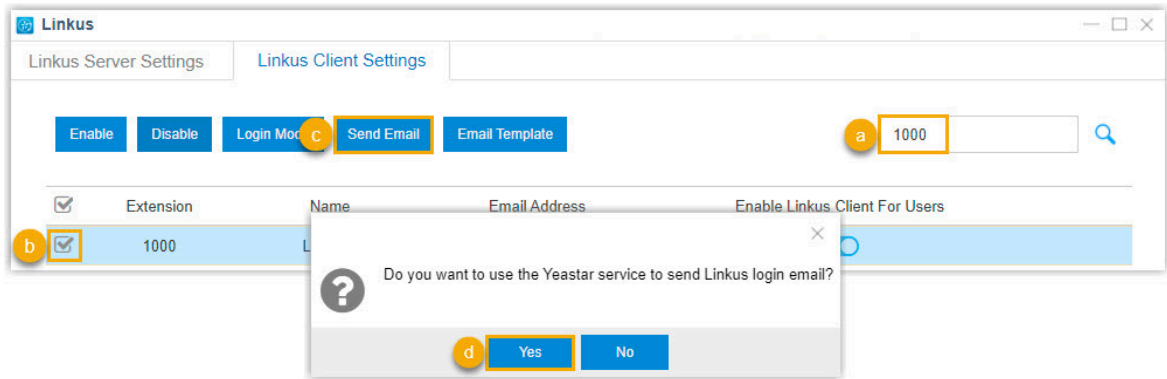


#### Tip:

PBX only supports selecting all the extensions for the current page. You can set a larger **Displaying** value to display more extensions on one page.

- a. Select the checkboxes of all the extensions.
- b. Click **Send Email**.
- c. In the pop-up dialog box, click **Yes**.

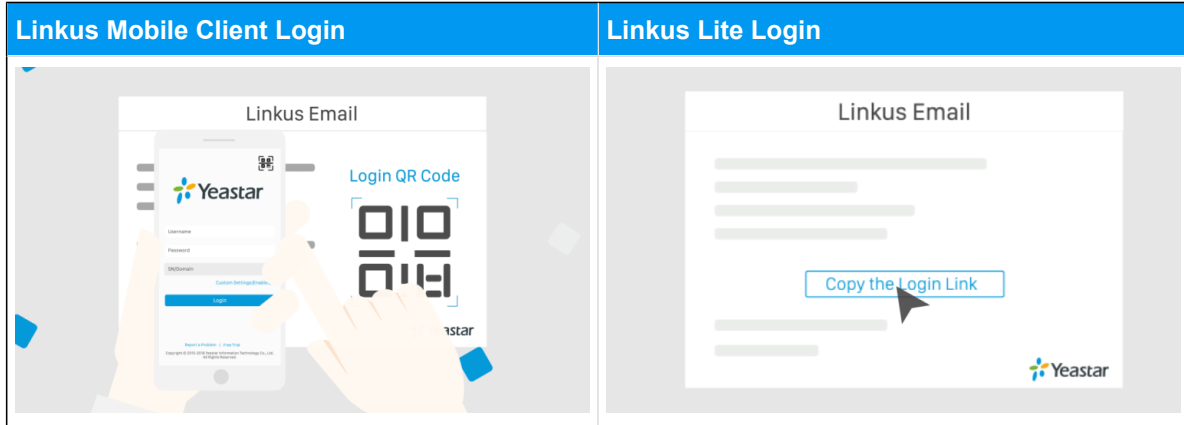
3. To send Linkus email to a specific user, do as follows:



- a. Search the user by extension number or name.
- b. Select the desired extension user.
- c. Click **Send Email**.
- d. In the pop-up dialog box, click **Yes** to confirm.

## Result

Users will receive Linkus login emails. They can log in to Linkus clients by scanning the QR code or pasting the link provided in the emails.



## Linkus Event

### Enable or Disable Linkus Event Notifications

Yeastar S-Series VoIP PBX provides Linkus events to help you keep track of Linkus activities. You can decide whether to notify contacts when specific Linkus events happen.


## Supported Linkus events































The supported Linkus events are as follows:


- Linkus Cloud Service Pro Expiration Reminder
- Linkus Cloud Service Expiration Reminder
- Linkus Client Login Failure
- Linkus Client has been Locked

## Enable Linkus event notifications

1. Log in to PBX web interface, go to **Settings > Event Center > Event Settings**.
2. In the **Notification** column, turn on notification for desired events.

 indicates that event notification is turned on.

Event Settings		Notification Contacts		
Name	Record	Notification	Edit Notification	
<b>Operation</b>				
Modify Administrator Password				
User Login Success				
User Login Failed				
User Lockout				
API Authentication Lockout				
Extension User Password Changed				
Linkus Cloud Service Pro Expiration Reminder				
Linkus Client Login Failure				
Linkus Client has been Locked				
Linkus Cloud Service Expiration Reminder				

3. **Optional:** To change default email template for a specific Linkus event, click  to update.


When the specified event occurs, the PBX sends notifications to relevant contacts via specific notification methods.











**Tip:**

To create notification contacts and specify notification methods, see [Add Notification Contacts](#).

## Disable Linkus event notifications

1. Log in to PBX web interface, go to **Settings > Event Center > Event Settings**.
2. In the **Notification** column, turn off notifications for desired events.

 indicates that event notifications are turned off.

Name	Record	Notification	Edit Notification
<b>Operation</b>			
Modify Administrator Password	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
User Login Success	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
User Login Failed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
User Lockout	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
API Authentication Lockout	<input type="checkbox"/>	<input type="checkbox"/>	
Extension User Password Changed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Linkus Cloud Service Pro Expiration Reminder	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Linkus Client Login Failure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Linkus Client has been Locked	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Linkus Cloud Service Expiration Reminder	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

When the specified event occurs, the PBX will NOT send notifications to relevant contacts.

## Enable or Disable Linkus Events Recording

Yeastar S-Series VoIP PBX provides Linkus events to help you keep track of Linkus activities. You can decide whether to record specific Linkus events in logs when events happen.

### Supported Linkus events

The supported Linkus events are as follows:

- Linkus Cloud Service Pro Expiration Reminder
- Linkus Cloud Service Expiration Reminder
- Linkus Client Login Failure
- Linkus Client has been Locked

## Enable Linkus events recording

1. Log in to PBX web interface, go to **Settings > Event Center > Event Settings**.
2. In the **Record** column, enable recording for desired Linkus events.

indicates that event recording is turned on.

Name	Record	Notification	Edit Notification
<b>Operation</b>			
Modify Administrator Password	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>
User Login Success	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>
User Login Failed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>
User Lockout	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>
API Authentication Lockout	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>
Extension User Password Changed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>
Linkus Cloud Service Pro Expiration Reminder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>
Linkus Client Login Failure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>
Linkus Client has been Locked	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>
Linkus Cloud Service Expiration Reminder	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>

When the specified event occurs, it will be recorded in the log.



### Tip:

You can check the log on **Settings > Event Center > Event Log**.

## Disable Linkus events recording

1. Log in to PBX web interface, go to **Settings > Event Center > Event Settings**.
2. In the **Record** column, disable recording for desired Linkus events.

indicates that event recording is turned off.

Event Settings		Notification Contacts		
Name	Record	Notification	Edit Notification	
<b>Operation</b>				
Modify Administrator Password	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>	
User Login Success	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>	
User Login Failed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>	
User Lockout	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>	
API Authentication Lockout	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>	
Extension User Password Changed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>	
Linkus Cloud Service Pro Expiration Reminder	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>	
Linkus Client Login Failure	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">/</a>	
Linkus Client has been Locked	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>	
Linkus Cloud Service Expiration Reminder	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<a href="#">/</a>	

When the specified event occurs, it will NOT be recorded in the log.