S-Series PBX System Migration Guide

Yeastar S-Series VoIP PBX

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Contents

Migration Guide

Migration guide for transitioning from Yeastar S-Series VoIP PBX to P-Series PBX system.

Migration

Migrate Yeastar S-Series VoIP PBX to P-Series PBX System

Yeastar S-Series VoIP PBX supports migration to the P-Series PBX system, which allows you to seamlessly upgrade to the latest P-Series platforms while retaining your existing configurations. This topic describes how to migrate from S-Series PBX system to the P-Series PBX system.

Requirements

Platform	Requirement
S-Series VoIP PBX	• **V2**: Version **30.15.0.179** or later • **V4**: Version **65.16.0.183** or later
P-Series PBX System	You can migrate the S-Series PBX to any edition of the P-Series PBX (Appliance, Software, or Cloud Edition) that meets the following firmware requirements. > **Note:** > The P-Series PBX system MUST be a new installation or factory reset. • P-Series Appliance Edition: Version **37.19.0.70** or later • P-Series Software Edition: Version **83.19.0.70** or later • P-Series Cloud Edition: Version **84.19.0.70** or later

Procedure

1. Export a backup file from S-Series PBX system
2. Restore the backup on P-Series PBX system

Export a backup file from S-Series PBX system

1. Download the migration tool package matching your S-Series PBX version.
   - Migration tool for S-Series V2
     - Migration tool for S-Series V4

   A `.tar` file is downloaded to your computer.
2. Install the migration tool on S-Series PBX system.
     a. Log in to the PBX web interface, go to ⦙⦙⦙ **> App Center**.
     b. Click the **Upload** tab.
     c. Click **Browse** to select the downloaded migration tool, then click **Upload**.
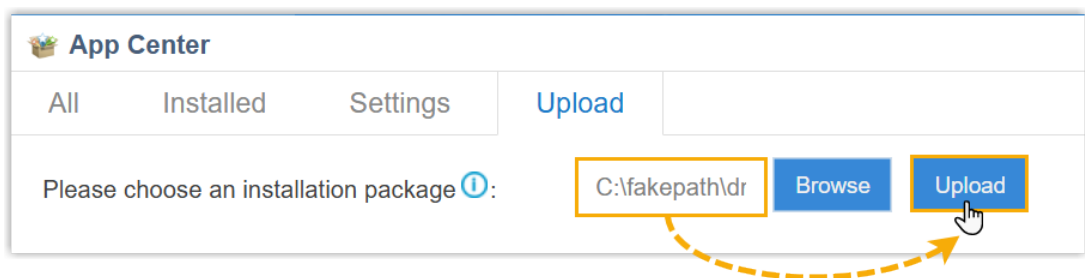
   After uploading, a prompt window appears at the bottom-right corner, asking whether to reboot the system.
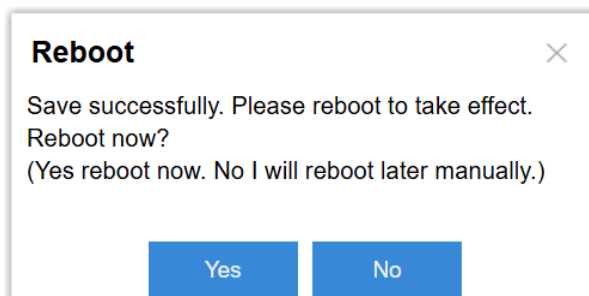
3. Click **Yes** to reboot the system.
4. Download the backup file.
     a. On the PBX web interface, go to **Maintenance > System Log**.

     The backup file named `{sn}_pbxconfig.tar` is displayed in the system log list.
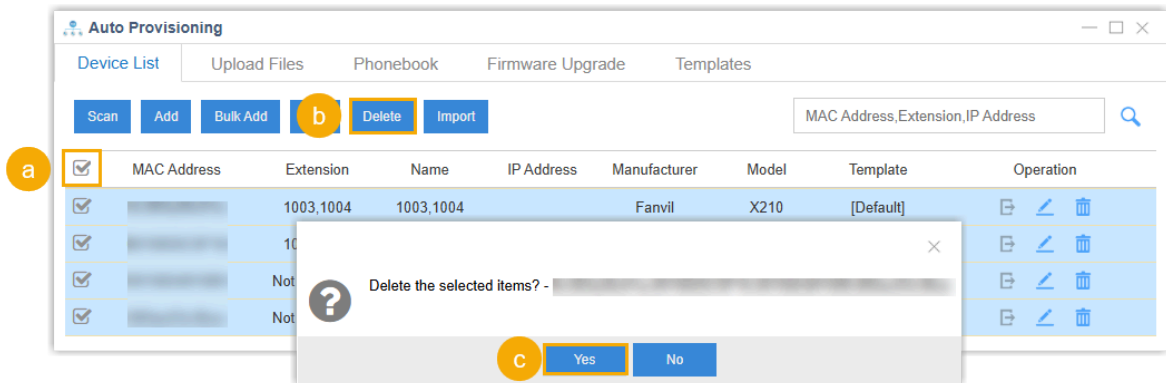
b. Click ⬇ beside the file.

The backup file is downloaded in a system log `.tar` file to your computer.

5. Extracted the downloaded `.tar` file to obtain the exported backup file.

6. **Optional:** To avoid potential auto provisioning conflicts after migration, remove the previously provisioned IP phones from the system.

a. On the PBX web interface, go to **Auto Provisioning > Device List**, select all the phones in the list.
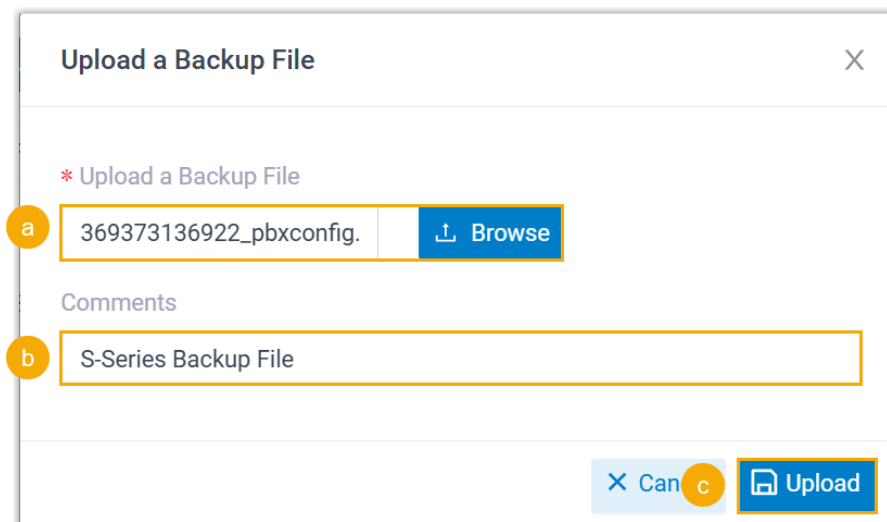
b. At the top of the list, click **Delete**.

c. In the pop-up window, click **Yes**.

Restore the backup on P-Series PBX system

1. Log in to the PBX web portal of your P-Series PBX system, go to **Maintenance > Backup and Restore**.

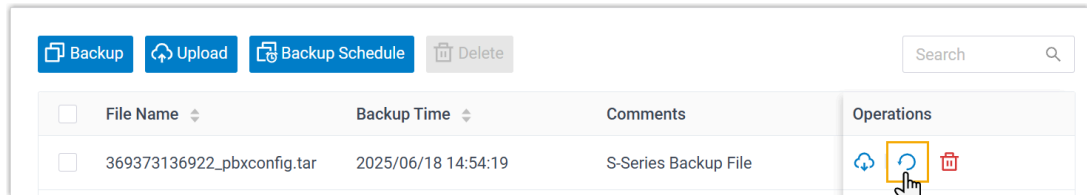2. Click **Upload**, and do as follows in the pop-up window.

a. Click **Browse** to select the backup file you downloaded.
b. **Optional:** In the **Comment** field, add a note to help you identify the file.
c. Click **Upload**.

The backup file is uploaded and displayed in the list.

3. Restore the PBX system from the backup file.

a. Click ↻ beside the backup file.

b. In the pop-up window, click **OK**.
c. Reboot the PBX to take effect.

Result

The configurations on your P-Series PBX system are overwritten with the data from the S-Series PBX backup file.

What to do nexts

Verify that the settings and data have been correctly migrated from Yeastar S-Series VoIP PBX to your P-Series PBX system.

Reference

Supported Settings and Data for PBX Migration

This topic provides a detailed list of setting and data that are supported for migration from Yeastar S-Series VoIP PBX to P-Series PBX, helping you understand exactly which settings and data will be transferred during the migration process.

> ✎ **Note:**
> Any settings not listed will be set to the default settings of the P-Series PBX after migration.

Extension

> ✎ **Note:**
>
> - IAX extensions will NOT be migrated.
> - FXS extensions will be migrated as SIP extensions on P-Series PBX system.

Menu	Location	Setting
Settings > Extensions	**Basic > General**	• Extension • Caller ID • Caller ID Name • Emergency Outbound Caller ID • Registration Name • Registration Password • Concurrent Registrations
	Basic > User Information	• Email • Mobile Number
	Presence	• Presence Information
	Presence > Call Forwarding	> ✎ **Note:** > These settings are only for presence **Available** / **Away** / **Lunch Break** / **On a Business Trip**. • Always • No Answer • When Busy
	Presence > Ring Strategy	> ✎ **Note:** > These settings are only for presence **Available** / **Away** / **Lunch Break** / **On a Business Trip**. • Ring First • Ring Secondly
	Features > Voicemail	• Enable Voicemail • Voicemail Access PIN • Send Voicemail to Email

Menu	Location	Setting
	Features > Mobility Extension	**Note:** The relevant settings will be migrated to the corresponding extension presences on P-Series PBX system, including **Available**, **Away**, **Lunch Break**, and **On a Business Trip**. • Ring Simultaneously • Mobility Extension
	Features > Monitor Setting	• Allow Being Monitored
	Features > Hot Desking	• Enable Hot Desking • Log out of Queue • Automatic Guest Out
	Features > Other Settings	• Ring Timeout (s) **Note:** The relevant settings will be migrated to the corresponding extension presences on P-Series PBX system, including **Available**, **Away**, **Lunch Break**, and **On a Business Trip**. • Max Call Duration (s) • Send Email Notifications on Missed Calls • Send email notification when extension user password is changed
	Advanced > VoIP Settings	• Enable SRTP • Transport
	Call Permission	• Outbound Routes • Outbound Restriction

Extension Group

Menu	Location	Setting
Settings > Extensions > Extension Group	/	• Name • Members

Trunk

> ✏️ **Note:**
> Only SIP trunks will be migrated.

Menu	Location	Setting

Settings > Trunks	**Basic**	• General settings
		  ◦ Name
		  ◦ Trunk Type
		  ◦ Caller ID Number
		  ◦ Caller ID Name
		• Registration settings for Register Trunk
		  ◦ Transport
		  ◦ Hostname/IP & Port
		  ◦ Domain
		  ◦ Username
		  ◦ Password
		  ◦ Authentication Name
		  ◦ Enable Outbound Proxy
		  ◦ Outbound Proxy Server & Port
		• Peer settings for Peer Trunk
		  ◦ Transport
		  ◦ Hostname/IP & Port
		  ◦ Domain
		• Account settings for Account Trunk
		  ◦ Transport
		  ◦ Username
		  ◦ Password
		  ◦ Authentication Name

	Codec	• Selected Codecs > ✏️ **Note:** > `H261` will not be migrated.
	Advanced > VoIP Settings	• Qualify • DTMF Mode • Enable SRTP • Ignore 183 Message without SDP • T.38 Support • DTMF fmtp
	Advanced > DID Settings	• DID Number • DNIS Name

Menu	Location	Setting
	Advanced > Other Settings	• Maximum Channels • Inband Progress
	DOD	• DOD Number • DOD Name • Associated Extension

Inbound Route

Menu	Location	Setting
Settings > Call Control > Inbound Routes	/	• Name • DID Pattern • Caller ID Pattern • Member Trunks • Enable Time Condition • Destinations (including default destinations, time-based destinations, holiday destinations, and Other Time destination) • Enable Fax Detection • Fax Destination

Outbound Route

Menu	Location	Setting

Settings > Call Control > Outbound Routes	/	• Name
		• Dial Patterns
		  ◦ Patterns
		  ◦ Strip
		  ◦ Prepend
		• Member Trunks
		• Member Extensions
		• Password
		• Rrmemory Hunt
		• Time Condition

Time Condition

Menu	Location	Setting
Settings > Call Control > Time Conditions	Time Conditions	• Name • Time • Days of Week • Advanced Options
	Holiday	• Name • Type • Start Date • End Date

IVR

Menu	Location	Setting
Settings > Call Features > IVR	**Basic**	• Number • Name • Prompt • Prompt Repeat Count • Response Timeout (s) • Digit Timeout (s) • Dial Extensions • Dial Outbound Routes • Dial to Check Voicemail
	Key Press Event	• Destinations for keypress 0-9, #, and * • Destination for Timeout • Destination for Invalid

Ring Group

Menu	Location	Setting
Settings > Call Features > Ring Group	/	• Number • Name • Ring Strategy • Seconds to Ring each member(s) • Members • Failover Destination

Queue

Menu	Location	Setting
Settings > Call Features > Queue	**Basic**	• Number • Name • Ring Strategy • Failover Destination > ✏️ **Note:** > If the destination is set to **Conference**, **Fax to Email**, or **Dial by Name**, it will be converted to **Hangup** on P-Series PBX system after migration. • Static Agents • Agent Timeout (s) • Ring In Use • Agent Announcement • Retry(s) • Wrap-up Time (s)
	Caller Experience Settings	• Music On Hold • Caller Max Wait Time (s) • Leave When Empty • Disallow to Join When Empty • Join Announcement • Agent ID Announcement • Announce Position • Announce Hold Time • Periodic Announcement Prompt & Frequency (s) • Destination for key events > ✏️ **Note:** > If the destination is set to **Conference**, **Fax to Email**, or **Dial by Name**, it will be converted to **Hangup** on P-Series PBX system after migration.

PIN List

Menu	Location	Setting
Settings > Call Features > PIN List	/	• Name • Record in CDR • PIN List

Voice Prompt

Menu	Location	Setting
Settings > Voice Prompts	Music on Hold	• The default MoH playlists 📝 **Note:** The default MoH on P-Series PBX system will still be retained after migration. • The added MoH playlists
	Custom Prompts	• The uploaded and recorded custom prompts

Extension Preference

Menu	Location	Setting
Settings > General > Preferences	Extension Preferences	• User Extensions • Account Trunks • Ring Group Extensions • Paging Group Extensions • Conference Extensions • IVR Extensions • Queue Extensions

Feature Code

Menu	Location	Setting
Settings > General > Feature Code	/	• Feature Code Digit Timeout (ms)
	Recordings	• One Touch Recording
	Extension's Voicemail	• Check Voicemail • Voicemail for Extension
	Transfer	• Blind Transfer • Attended Transfer

Menu	Location	Setting
		• Attended Transfer Timeout (s) • Transfer Digit Timeout (s)
	Call Pickup	• Group Call Pickup • Extension Pickup
	Intercom	• Intercom
	Call Parking	• Call Parking • Directed Call Parking • Parking Extension Range **Note:** This setting is migrated to **PBX Settings > Preferences > Extension Preferences** on P-Series PBX system. • Parking Timeout (s) • Timeout Destination
	Hot Desking	• Guest In • Guest Out
	Call Forwarding	• Enable Forward All Calls • Disable Forward All Calls • Enable Forward When Busy • Disable Forward When Busy • Enable Forward No Answer • Disable Forward No Answer
	Queue	• Switch Dynamic Agent's Login Status • Switch Agent's Pause Status
	Busy Camp-on	• Enable Busy Camp-on • Disable Busy Camp-on
	Time Condition	• Time Condition Override • Set Extension Permission
	Call Monitor	• Listen • Whisper • Barge-in
	Force Drop	• Call Force Drop • Set Extension Permission

Contacts

Menu	Location	Setting
Contacts	**Company Contacts** / **Personal Contacts**	• Information ◦ Last Name ◦ First Name ◦ Company ◦ Email ◦ Work ◦ Work 2 ◦ Mobile ◦ Mobile 2 ◦ Home ◦ Home 2 ◦ Work Fax ◦ Home Fax ◦ Other • Address ◦ Zip Code ◦ Street ◦ City ◦ State ◦ Country

Auto Provisioning

> **Note:**
>
> - After backing up the S-Series PBX System, make sure to remove the provisioned phones from the original system to avoid potential provisioning failures.
> - When migrating to the P-Series Appliance Edition / Software Edition, the default provisioning mode is **PnP**. For the P-Series Cloud Edition, the provisioning mode is **RPS**.
> - You need to delete the server URL on the IP phones and then reboot them to re-provision the phones with P-Series PBX system. If provisioning fails, follow the corresponding configuration instructions for the P-Series PBX system to complete the setup.

> ✏️ ◦ IP Phone Configuration Guide (P-Series Appliance Edition)
> ◦ IP Phone Configuration Guide (P-Series Software Edition)
> ◦ IP Phone Configuration Guide (P-Series Cloud Edition)

Menu	Location	Setting
Auto Provisioning	**Device List**	• Manufacturer • Model • MAC Address • Account > ✏️ **Note:** > Only the first enabled line will be migrated.