

# OSS Endpoint Manager

## Links

- Github: <https://github.com/billsimon/endpointman>
- Doc: <https://wiki.freepbx.org/display/FPG/OSS+End+Point+Manager>
- [EPM-Supported Devices](#)
- [Introducing OSS Endpoint Manager for FreePBX 16 & Incredible PBX 2027 – Nerd Vittles](#)

## Installation

### Incredible PBX 2027

```
cd /var/www/html/admin/modules
wget http://incrediblepbx.com/ossep16.tgz
tar zxvf ossep16.tgz
rm -f ossep16.tgz
rm -f /tmp/*
fwconsole ma install endpointman
fwconsole reload
```

## Settings

Module	Version	Track	Publisher	License	Status
▶ Asterisk API	15.0.20	Stable	Sangoma Technologie	GPLV2+	Enabled
▶ Asterisk IAX Settings	15.0.8	Stable	Sangoma Technologie	AGPLV3	Enabled
▶ Asterisk REST Interface Users	15.0.3.20	Stable	Sangoma Technologie	GPLV3+	Enabled
▶ Asterisk SIP Settings	15.0.11	Stable	Sangoma Technologie	AGPLV3+	Enabled
▶ Camp-On	13.0.4.1	Stable	Sangoma Technologie	GPLV3+	Enabled
▶ Extension Settings	13.0.4	Stable	Sangoma Technologie	GPLV3+	Enabled
▶ <i>Fax Configuration</i>	<i>15.0.13</i>	<i>Stable</i>	<i>Sangoma Technologie</i>	<i>GPLV3+</i>	<i>Disabled</i>
▶ Filestore	15.0.7	Stable	Sangoma Technologie	AGPLV3	Enabled
▶ IncrediblePBX	13.0.7	Stable	Clearly IP Inc	AGPLV3+	Enabled
▶ Music on Hold	15.0.22	Stable	Sangoma Technologie	GPLV3+	Enabled
▼ OSS PBX End Point Manager	16.0.0.1	Stable		GPLV3+	Enabled

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Info

Changelog

**License:** GPLV3+

**Description:** OSS PBX End Point Manager is the free supported PBX Endpoint Manager for FreePBX into the Commercial Endpoint Manager by Sangoma Technologies, Inc. The front end is provided by Sangoma Technologies, Inc. Pull Requests can be made to either of the following repositories:

**More info:** [Get help for OSS PBX End Point Manager](#)

**Track:** Stable

**Action:** No Action Disable Uninstall Remove

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▶ PHPAGI Config	2.11.0.2	Stable	Sangoma Technologie	GPLV3+	Enabled
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# Configuration

## Package Server

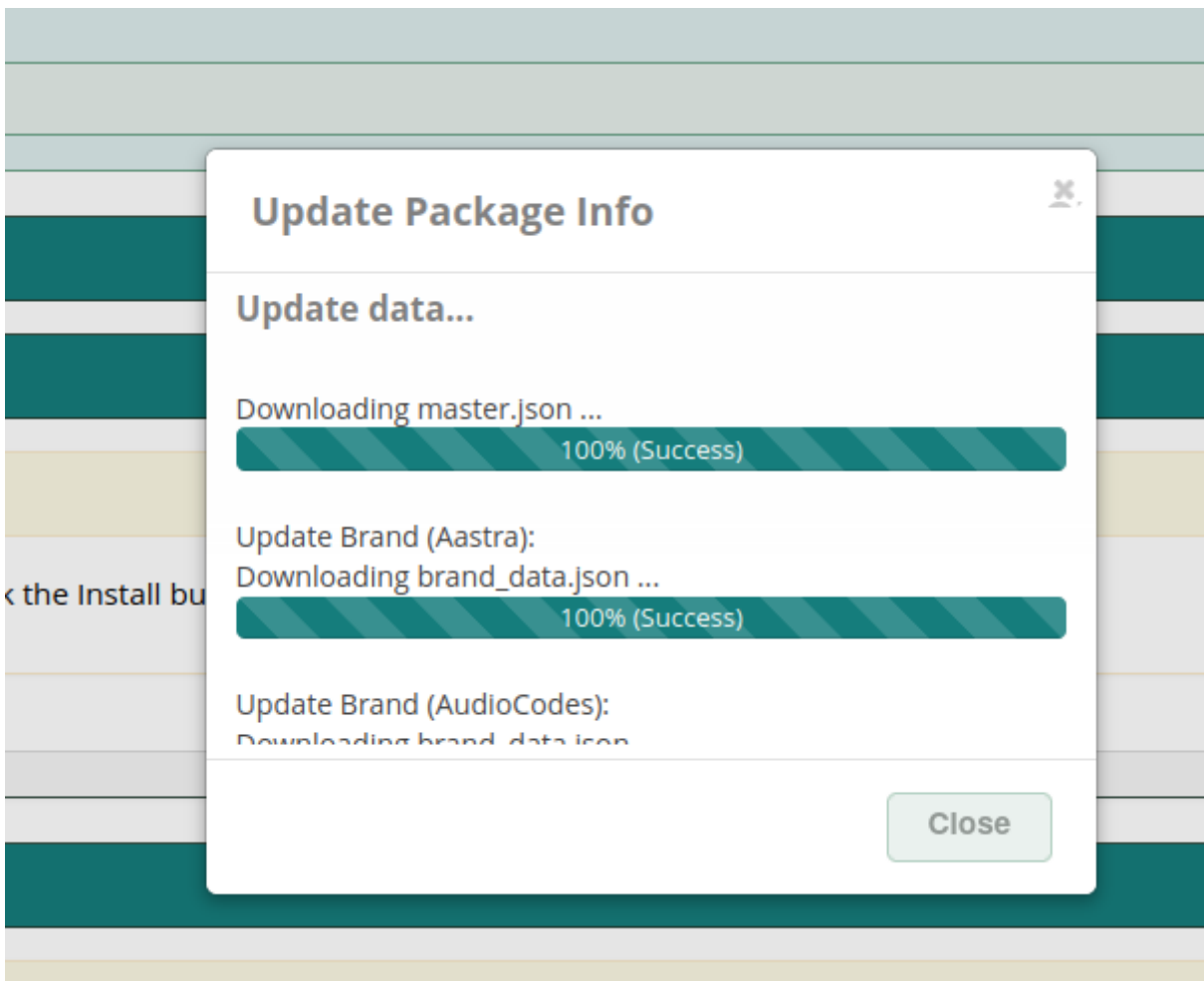
FreePBX GUI > Settings > OSS Endpoint Manager > Settings

- Package Server:

FreePBX GUI > Settings > OSS Endpoint Manager > Package Manager

- Click the Check for Update

????????????????????????????

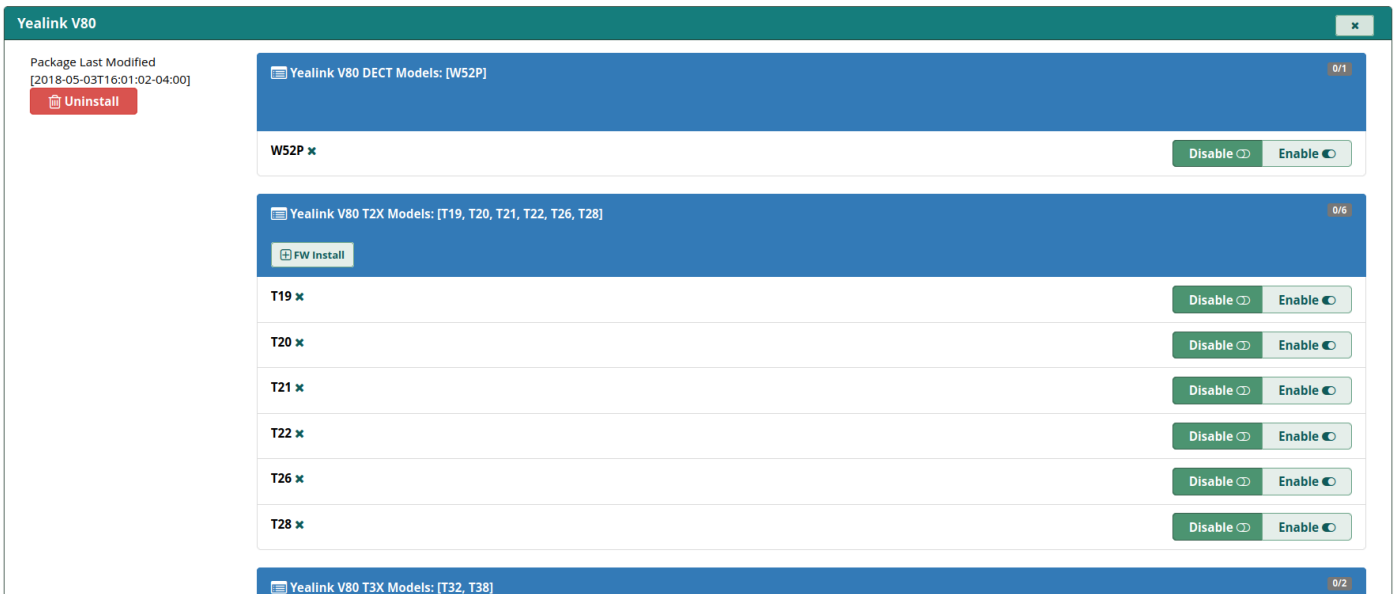


## Additional brands (Grandstream & Yealink V80)

- Download: [SourceForge](#)

FreePBX GUI > Settings > OSS Endpoint Manager > Settings > Package Import/Export

- Brand Package:



## IP & NTP & Type

FreePBX GUI > Settings > OSS Endpoint Manager > Settings

- IP address of phone server: <server-ip-addr>
- Internal IP address of phone server: <server-ip-addr>
- Configuration Type: Web (HTTP)
- Time Zone: Asia/Taipei
- Time Server:

??????? Settings ?????? Template Editor????????????? Extension Mapping??? Selected Phone Options ?? Global Phone Options??? Rebuild????????????????????????????????????

## Extension Provisioning

### Add Device: Linksys PAP2T

FreePBX GUI > Settings > OSS Endpoint Manager > Package Manager

- Cisco/Linksys - PAP2T : Enable

### Create Template: my-pap2t

????????????????? PAP2T ?????????????????????????????????????? my-pap2t?

?????? template ?????????????????? Extension Mapping ?????????????????? Save ??????????????????????

FreePBX GUI > Settings > OSS Endpoint Manager > Template Manager

- Template Name: my-pap2t
- Product Select: Linksys/Cisco
- Clone Template From: PAP2T

Edit the template: my-pap2t

- Profile Resync: 3600 (Resync\_Periodic)
- Enable Webserver: Yes
- Enable Webserver Admin: Yes
- Administrator Password: <set-your-password>
- User Password: <set-your-password>

template Edit Global Setting Overrides template  
template template

template ( spa\$mac.xml ) HTTP  
http://freepbx-ip-addr/provisioning/p.php/spaxxxxxx.xml ?xxxxxxx MAC  
address

## Extension Mapping

FreePBX GUI > Settings > OSS Endpoint Manager > Extension Mapping

- MAC Address: <pap2t-mac-addr>
- IPEI: <blank>
- Brand: Cisco/Linksys
- Model: PAP2T
- Line: 1
- Extension Number: <select-your-extension>
- Template: my-pap2t

## PAP2T ??

?? PAP2T ?? (advanced view) > Provisioning

- Provision Enable: yes
- Profile Rule: http://<freepbx-ip-addr>/provisioning/p.php/spa\$MA.xml

????????????????

## Provisioning Template Files

# SPA-3102/PAP2T

File: [spa\\$mac.xml](#)

????????? /var/www/html/admin/modules/\_ep\_phone\_modules/endpoint/cisco/linksysata/

?????

1. ??????????????
2. ?? LAN ?? DHCP?SPA3102 ??????
3. ?????????????????????? tftp ???

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