

EPM-Use DPMA for Digium Phones

- [Introduction](#)
- [DPMA License](#)
- [Configuration](#)
 - [Endpoint Manager Global Use DPMA](#)
 - [Endpoint Manager Right Navigator DPMA Management](#)
- [Digium phone support](#)

Introduction

Endpoint Manager v 14.0.2.183 / v 15.0.16.15 onwards is capable of configuring Digium phones using Asterisk's "[Digium Phone Module for Asterisk \(DPMA\)](#)" module.

Endpoint Manager commercial module will be responsible for configuring "DPMA" module for asterisk which will allow DPMA to push the phone /extensions configuration to respective phones.

Note

Endpoint Manager module will take care of entire asterisk DPMA related configuration so this depreciates the FreePBX "[Digium phone module](#)" module going forward

DPMA License

We do not need DPMA specific license while running on valid licensed FreePBX.

Configuration

Endpoint Manager Global Use DPMA

Endpoint Manager Global Use DPMA option will allow Endpoint Manager to decide whether to use "DPMA" functionality of asterisk to configure Digium phones or use legacy(existing so far) functionality for generating phone configuration.

By-default this is "NO".

Note

This global setting should be 'NO' needs to set when we want to use "digium_phone" FreePBX module to configure the Digium phones or EPM to use normal procedure of generating Digium phone configuration without using DPMA functionality of asterisk.

If set to 'YES' that means we want EPM to use Asterisk DPMA functionality to configure digium phones. In this situation we should uninstall/remove FreePBX "digium_phone" module otherwise conflict may occur where 2 FreePBX modules might try to modify phone configurations.

USE DPMA ?	<input type="radio"/> Yes	<input checked="" type="radio"/> No
XML-API (RestAPI) Default Login ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Extension Mapping IP Addresses ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Extension Mapping Phone Status ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Value Correction ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No
Admin UCP for All ?	<input checked="" type="radio"/> Yes	<input type="radio"/> No

» [Save Global](#) [Reset](#)

As soon as we select this option, FreePBX will check the status of "DPMA" module installed/license in backend and inform the status to user. After selecting "Use DPMA" to "YES" we need to submit this configuration.

DPMA module Status ✕

Module res_digium_phone.so is properly loaded/licensed..

Endpoint Manager Right Navigator DPMA Management

Note

This option will be visible only if "Endpoint Manager Global Use DPMA" option is "YES".

⚠ **Unsigned Module(s)**

Details
(What Does this Mean?)

Endpoint Manager

Run as deployment type: EPM Pro

About Endpoint Manager
This module is used to automatically provision & configure Desk Phones, Wireless Phones, Door Phones, Overhead Paging Systems, and other supported manufacturers.
For information and instructions on using Endpoint Manager, please see the [Endpoint Manager Wiki](#).
To get started please choose an option in the ☰ Menu on the right.

- Sangoma
- Advanced**
- Add Brand
- Image Management
- Ringtone Management
- Base Station Management
- Custom Ext Management
- Firmware Management
- Network Scan
- Basefile Edit
- DPMA Management**

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By-default "DPMA" is licensed to work with FreePBX system.

We can use "DPMA Management" section to do the following configuration, required by the "DPMA" module.

DPMA Settings

DPMA Version: 3.4.3

Global Pin:

Phone Authentication Method: None (Default)

mDNS Service Name: Asterisk

mDNS Discovery Address: 192.168.3.139

mDNS Discovery Port: 5060

mDNS Discovery Transport: UDP

» Save Reset

Once "DPMA Management" configuration is over, then we can follow normal approach of configuring Digium Template and Extensions from Extensions mapping to configure the Digium phones.

Digium phone support

All the Digium phones supported by EPM as mentioned in [EPM-Supported Devices](#) can be configured to use DPMA.