



# Onboarding Poly Obi3 ATA with Microsoft SIP Gateway

## 1 Introduction

This document describes how to onboard Poly Obi3 Analog VoIP Adapter (Obi300 & Obi302) with Microsoft SIP Gateway.

This is required for the up-and-coming release of a Microsoft service that pairs SIP endpoints with their Microsoft Teams account, enabling Teams users to make and receive Teams calls on their SIP endpoint.

The Poly Obi3 series includes the following models:

OBi Model		FXS	FXO	Number of FXS ports
Obi300		✓	✗	1
Obi302		✓	✗	2

## 2 Compatible models and firmware

Model	Minimum Firmware	Approved Firmware
Obi300	3.2.4 (Build 8441)	3.2.5 (Build: 8732)
Obi302	3.2.4 (Build 8441)	3.2.5 (Build: 8732)

## 3 Enabling Web Admin Configuration

By default, web access to the Internet (WAN) IP address of the OBi3 is disabled. Accessing the Internet (WAN) IP will show, "The requested URL was not found!" or "The webpage cannot be found" in your browser.

To enable web access:

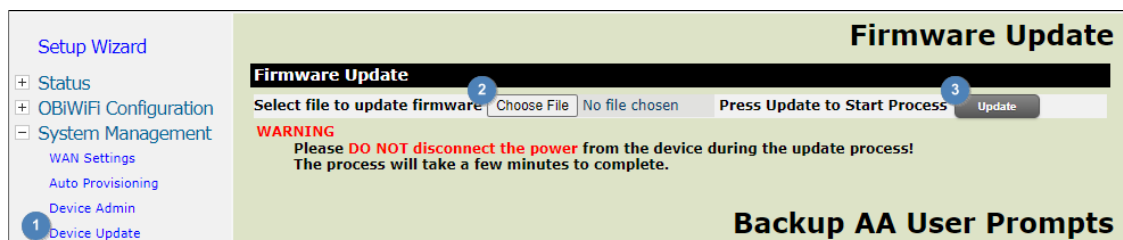
- Dial **\*\*\*0** from the phone connected to OBi30x ATA
- Enter **30#**
- Press **1** to Enter a New Value
- Press **1#** to Enable
- Press **1** to Save

## 4 Firmware version requirement

Approved firmware version for Poly Obi3 series is: **3.2.5 (Build: 8732)**

To update the firmware, follow the steps below:

1. Login to the web interface of the device.
2. On the left pane navigate to **Device Update**
3. Select the firmware file [**Choose File**] then click on **Update**.



4. After the device recovers from reboot, verify Software Version by selecting **Status→ System Status**

## Setup Wizard

### ☐ Status

[System Status](#)[Call Status](#)[Call History](#)[SP Services Stats](#)[PHONE Port Status](#)

### ☐ ☐ + OBiWiFi Configuration

### ☐ System Management

[WAN Settings](#)[Auto Provisioning](#)[Device Admin](#)[Device Update](#)

## Product Information?

Parameter Name	Value	
ModelName	OBi300	?
MACAddress	9CADEF815BC9	?
SerialNumber	88101TZTZ3AW	?
OBiNumber	310 951 977	?
HardwareVersion	1.5	?
SoftwareVersion	3.2.5 (Build: 8732)	?
SystemTime	04:12:43 08/07/2022, Sunday	?
UpTime	0 Days 5:21:23 (3)	?
CertificatesStatus	Installed	?
CustomizationStatus	NA	?

## 5 Configuring Provisioning Server URL

This section describes how to restore the device to factory defaults and apply SIP Gateway provisioning server URL through the phone's web interface.

First please restore the device to factory defaults

1. Access the web interface
2. Navigate to **System Management**→ **Device Update**→ **Reset Configuration**→ **Reset**

Setup Wizard

- + Status
- + OBiWiFi Configuration
- System Management
  - WAN Settings
  - Auto Provisioning
  - Device Admin
  - Device Update
- + Service Providers
- + Voice Services
- + Physical Interfaces
- + Codecs
- + Tone Settings
- + Ring Settings
- + Star Codes
- + User Settings

### Backup AA User Prompts

Backup AA User Prompts

Press Backup to Start Process

### Backup Configuration

Backup Configuration

Choose Backup Options ☐ Incl. Running Status ☐ Incl. Default Value ☐ Use OBi Version ☐ Encrypt Content

Press Backup to Start Process

**WARNING**

When "Encrypt Content" option is chosen, the contents of backup configuration will be encrypted using default encryption, and it can only be restored to this device.

### Restore Configuration

Restore Configuration

Select File to Restore Configuration  No file chosen

### Reset Configuration

Reset Configuration

Press Reset to Start Process

3. After the device recovers from reboot, access web and configure provisioning URL: **System Management**→ **Auto Provisioning**

Set a value for Parameter Name - **ConfigURL** then hit 'Submit' button and 'Reboot'

For example if you are provisioning in NoAM region, use the below URL. For EMEA, and APAC regions, edit the provisioning URL string given below to include emea and apac respectively.

Parameter Name	Value
ConfigURL	http://noam.ipp.sdg.teams.microsoft.com

Polycom

Logout User Login

Setup Wizard

- + Status
- + OBiWiFi Configuration
- System Management
  - WAN Settings
  - Auto Provisioning
  - Device Admin
  - Device Update

### ITSP Provisioning

Parameter Name	Value	Default	Config Current
Method	System Start	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Interval	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TimeofDay	00:00+30	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ConfigURL	http://ipp.newvoice.com/mac.cfg	<input type="checkbox"/>	<input type="checkbox"/>
DnsLookupType	A Record Only	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DnsSrvPrefix	No Prefix	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Notes:**

- URL above points to SIP Gateway production system
- URL MUST be appended with **/mac.cfg**

**4. Analog Gateway obtains the onboarding configuration and reboots**

When device recovers from reboot, access the device and verify it is SIP registered with onboarding account.

**[Status→ System Status→ SP1 Service Status→ Status = Registered]**

<b>Setup Wizard</b>		<b>OBiBT Dongle 2 Status</b>	
[-] Status	System Status	<b>Parameter Name</b>	<b>Value</b>
	Call Status	Status	No Dongle
	Call History	Discoverable	
	SP Services Stats	CallState	
	PHONE Port Status	BindingService	
[+] OBiWiFi Configuration		<b>SP1 Service Status</b>	
[+] System Management		<b>Parameter Name</b>	<b>Value</b>
[-] Service Providers	ITSP Profile A	Status	Registered (server=20.73.27.58:5061; expire in 46s) ?
	ITSP Profile B	PrimaryProxyServer	
	ITSP Profile C	SecondaryProxyServer	
	ITSP Profile D	CallState	0 Active Calls ?
[+] Voice Services			