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.
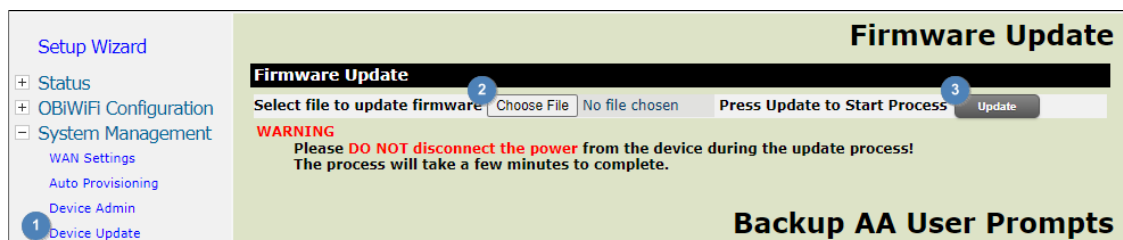
To enable web access:

- 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	88101ZTZZ3AW	❓
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**

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

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**]

Setup Wizard

Status
   System Status
   Call Status
   Call History
   SP Services Stats
   PHONE Port Status
+ OBiWiFi Configuration
+ System Management
− Service Providers
   + **ITSP Profile A**
   + **ITSP Profile B**
   + **ITSP Profile C**
   + **ITSP Profile D**
+ Voice Services

OBiBT Dongle 2 Status

Parameter Name	Value	
Status	No Dongle	
Discoverable		
CallState		
BindingService		

SP1 Service Status

Parameter Name	Value	
Status	Registered (server=20.73.27.58:5061; expire in 46s)	❷
PrimaryProxyServer		
SecondaryProxyServer		
CallState	0 Active Calls	❷