

Onboarding Cisco ATA 19x with Microsoft SIP Gateway

1 Introduction

This document describes how to onboard Cisco ATA 191MPP & 192MPP [Multiplatform] Analog Telephone Adapter 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.

Cisco ATA 190 series includes the following models:

Model	Rear view	LAN	FXS ports
ATA191-MPP		×	2
ATA192-MPP		✓	2

2 Compatible models and firmware

Model	Minimum Firmware	Approved Firmware
ATA191-MPP (Multiplaform)	11.2.2	11-2-2MPP0101-013
ATA192-MPP (Multiplaform)	11.2.2	11-2-2MPP0101-013

3 Enabling Web Admin Configuration

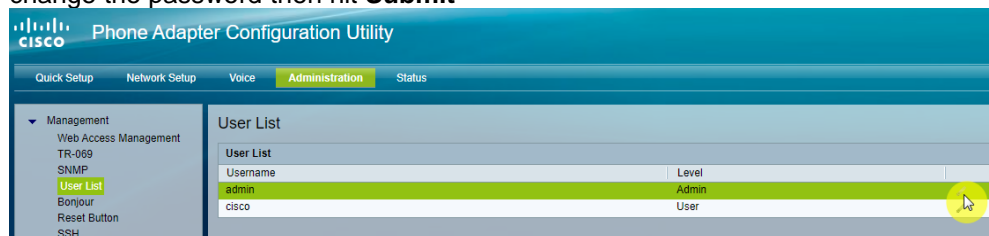
By default, web access from WAN is disabled, to enable web access please follow these steps.

1. Plug the ATA into your local NETWORK port.
2. Plug a PC into ETHERNET port of ATA 192
3. Navigate to 192.168.15.1 (default LAN IP address).
4. Log-in using: **admin/admin**



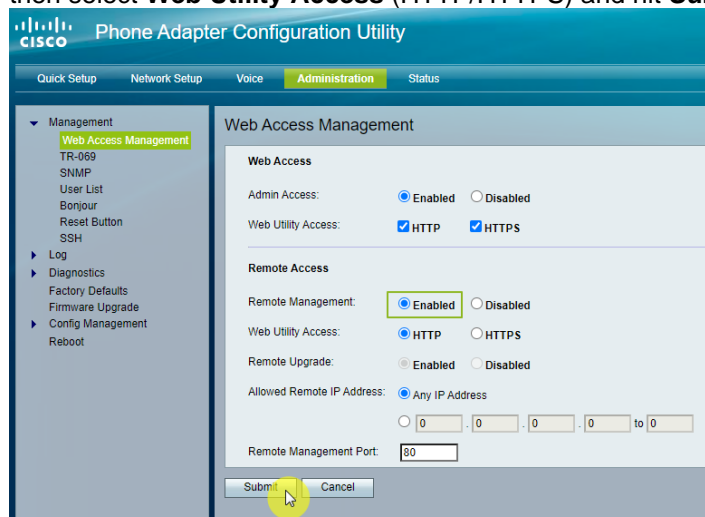
The screenshot shows the login page of the Cisco Phone Adapter Configuration Utility. The title is 'Phone Adapter Configuration Utility' with version '11-2-2MPP0101-013' and model 'ATA192-MPP'. The login fields are 'Username: admin' and 'Password: *****'. There is a 'Log In' button and a 'Remember Username' checkbox.

5. Navigate to **Administration** → **User List** → select 'admin' and click on pencil icon, change the password then hit **Submit**



The screenshot shows the 'User List' page in the Cisco Phone Adapter Configuration Utility. The 'Administration' tab is selected. In the 'User List' table, the 'admin' user is highlighted. A pencil icon is visible next to the 'admin' user, indicating that the user can be edited.

6. Navigate to **Web Access Management** → Change **Remote Management** to **Enabled** then select **Web Utility Access** (HTTP/HTTPS) and hit **Submit**.



The screenshot shows the 'Web Access Management' page in the Cisco Phone Adapter Configuration Utility. The 'Web Access Management' tab is selected. The 'Web Access' section has 'Admin Access' set to 'Enabled'. The 'Web Utility Access' section has 'HTTP' and 'HTTPS' both checked. The 'Remote Access' section has 'Remote Management' set to 'Enabled'. The 'Allowed Remote IP Address' is set to 'Any IP Address'. The 'Remote Management Port' is set to '80'. A 'Submit' button is visible at the bottom.

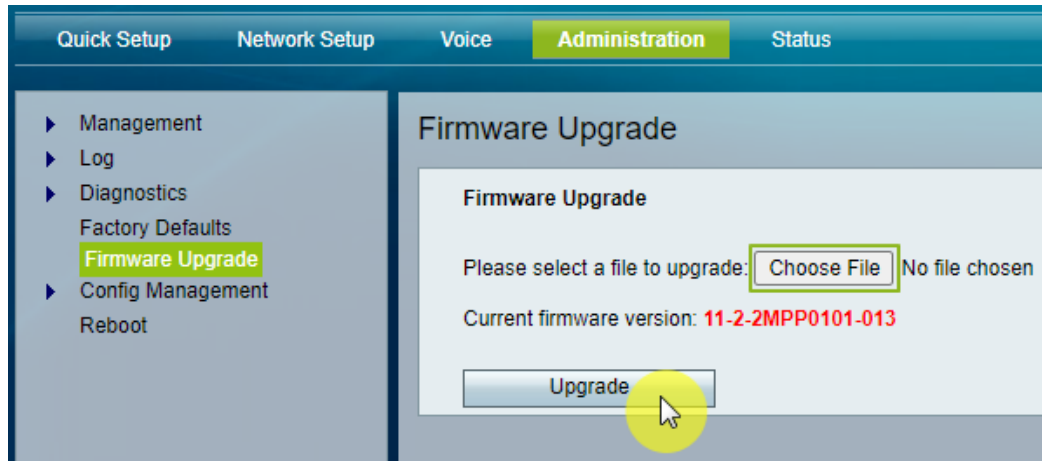
7. Device is now accessible from WAN

4 Firmware version requirement

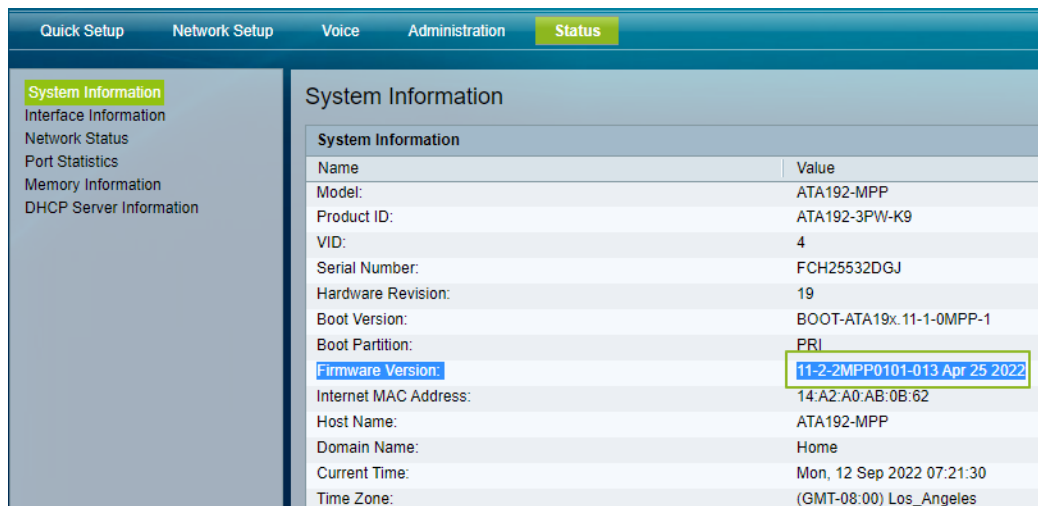
Approved firmware version for Cisco ATA190 series is: [11.2.2 MSR1](#)

To update the firmware, follow the steps below:

1. Login to the web interface of the device.
2. Select **Administration**
3. On the left pane select **Firmware Upgrade** → [Choose File] then click on **Upgrade**.



4. After the device recovers from reboot, verify Firmware Version by selecting **Status** → **System Information** → **Firmware Version**: [11-2-2MPP0101-013 Apr 25 2022]

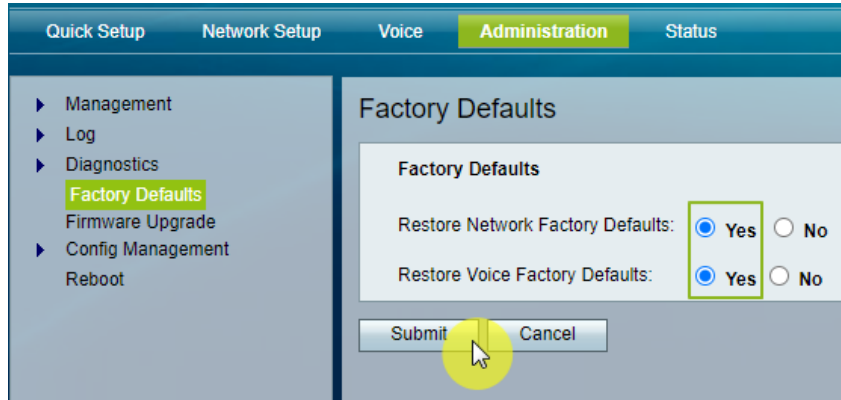


5 Configuring Provisioning Server URL

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

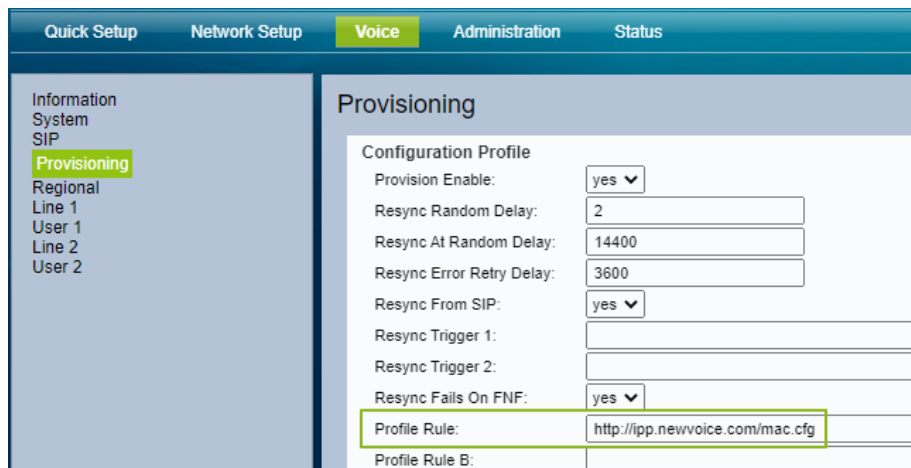
1. Access the web interface
2. Navigate to **Administration**→ **Factory Defaults**→ Select **Yes** for Network and Voice as shown below and hit **Submit**



3. When device recovers from boot, navigate to **Voice**→ **Provisioning**→ **Configuration Profile** section and set SIP Gateway provisioning URL under Profile Rule

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
Profile Rule	http://noam.ipp.sdg.teams.microsoft.com



Notes:

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

1. Analog Telephone Adapter obtains the onboarding configuration and reboots

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

[Voice→ Information→ Line 1/2 Status→ Registration Status = Registered]

Quick Setup

Network Setup

Voice

Administration

Status

Information

System

SIP

Provisioning

Regional

Line 1

User 1

Line 2

User 2

Information

Product Information

Product Name:ATA192-MPP

Serial Number:FCH25532DGJ

Software Version:11-2-2MPP0101-013

Hardware Version:19

MAC Address:14A2A0AB0B62

Client Certificate:Installed

Customization:Aborted

System Status

Current Time:9/12/2022 07:10:51

Elapsed Time:00:00:22

RTP Packets Sent:0

RTP Bytes Sent:0

RTP Packets Recv:0

RTP Bytes Recv:0

SIP Messages Sent:6

SIP Bytes Sent:4615

SIP Messages Recv:6

SIP Bytes Recv:2823

External IP:

Line 1 Status

Hook State:On

Registration State:Registered

Last Registration At:9/12/2022 07:10:30

Next Registration In:33 s

Message Waiting:Yes

Mapped SIP Port: