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

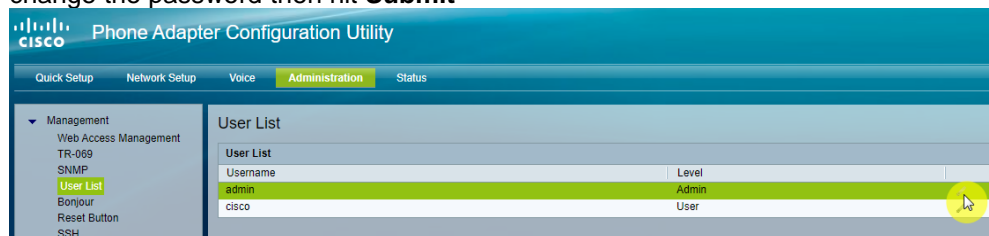# 3   Enabling Web Admin Configuration

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).
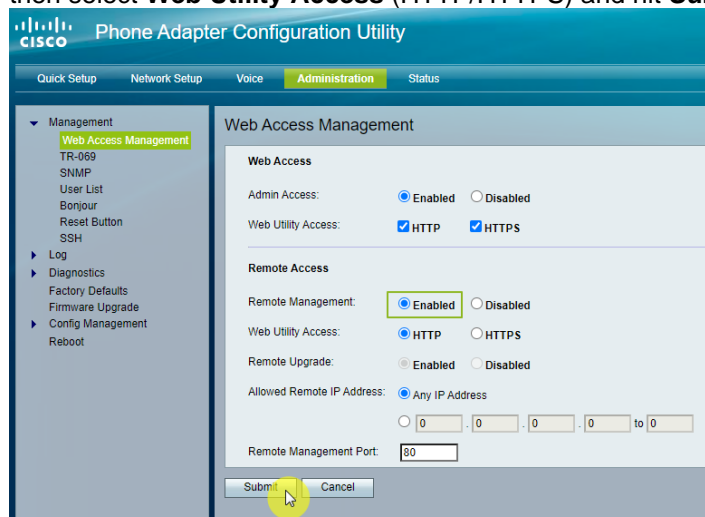4. Log-in using: **admin/admin**

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

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

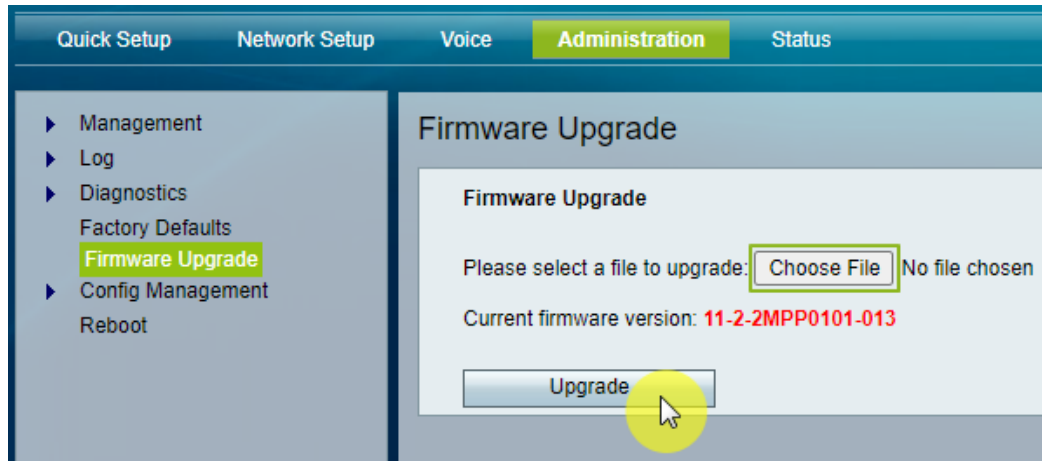7. Device is now accessible from WAN
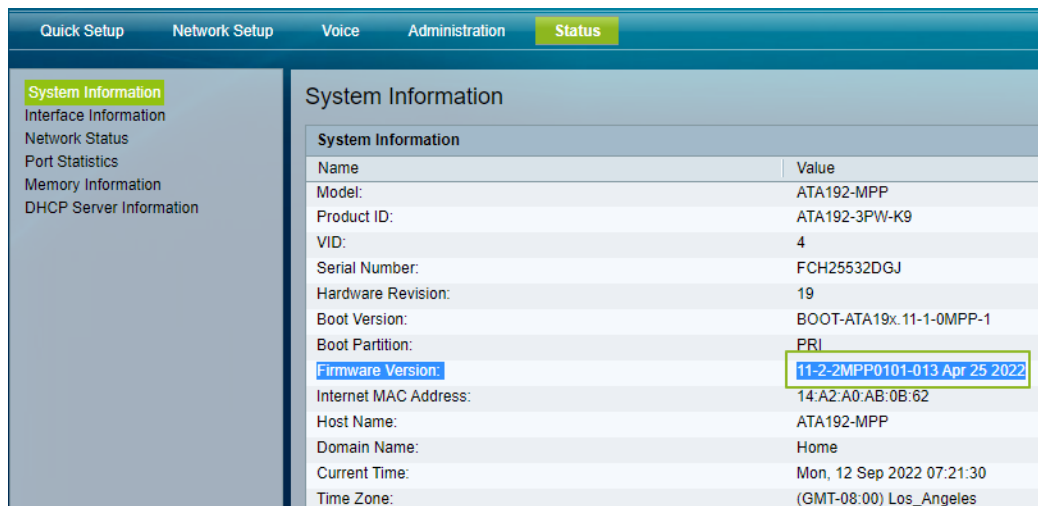
4   Firmware version requirement

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]
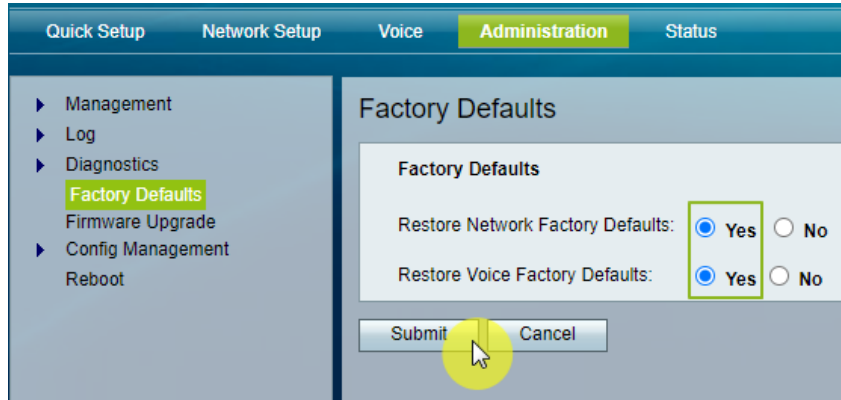
5 Configuring Provisioning Server URL

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

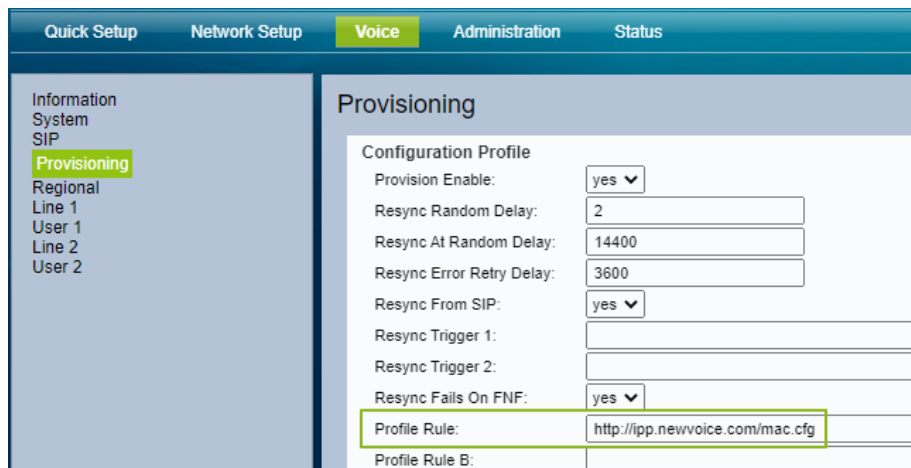<u>First please restore the device to factory defaults</u>

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**]