



Firmware for AIG-301 Series (includes security patch) Release Notes

Version: v1.0	Build: • .1-2768
Release Date: Mar 27, 2024	

Applicable Products

AIG-301 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

N/A

Enhancements

N/A

Bugs Fixed

- CVE-2024-21646: <https://github.com/Azure/azure-uamqp-c/security/advisories/GHSA-j29m-p99g-7hvp>
- CVE-2024-27099: <https://github.com/Azure/azure-uamqp-c/security/advisories/GHSA-6rh4-fj44-v4jj>
- CVE-2024-25110: <https://github.com/Azure/azure-uamqp-c/security/advisories/GHSA-c646-4whf-r67v>

Changes

- Upgrades the Azure IoT SDK of Azure IoT Device and thingspro-agent to LTS_03_2024. https://github.com/Azure/azure-iot-sdk-c/releases/tag/LTS_03_2024.

Notes

- This patch applies to AIG-301 with firmware v1.5 and ThingsPro v2.4.0-4020
- To upgrade to the patch, do the following:
 - Download the *.deb file from the Moxa official website: <https://www.moxa.com/en/products/industrial-computing/iiot-gateways/programmable-iiot-gateways/aig-301-series#resources>
 - Log in to the AIG-301 web console with admin permissions and go to General Operation > Software Upgrade.
 - Select "Upgrade From the Local Drive" and select the *.deb file you downloaded.
 - Confirm the app version is 2.4.1-2768 on the Dashboard page when the patch is successfully installed.
- To use the Azure IoT Edge to send out telemetry messages, you need to upgrade the thingspro-agent module as well. Do the following to upgrade the thingspro-agent module:
 - Deploy the IoT Edge module thingspro-agent with URI: moxa2019/thingspro-agent:2.2.5-armhf in IoT Hub.

Set the create option:

```
{
  "HostConfig": {
    "Binds": [
      "/var/thingspro/apps/azureiotedge/data/setting:/var/thingspro/cloud/setting/",
      "/run:/host/run/",
      "/var/thingspro/data:/var/thingspro/data/"
    ]
  }
}
```



}

- Confirm that the version of the module is 2.2.5, indicating successful deployment on the Azure IoT Edge page.

Note: It is normal for a red flag with the warning "Not a compatible version with ThingsPro Edge" to be displayed.