

AEP-1.0.33 Release Notes

The 1.0.33 release of the Multi-Tech Systems Application Execution Platform is the first fully supported AEP Conduit release meant for general consumption.

If upgrading, please read the upgrade instructions:

<http://www.multitech.net/developer/software/aep/upgrading-the-aep-firmware/>

Online Help for AEP

Documentation for getting started with and configuring the AEP can be found at:

<http://www.multitech.net/developer/software/>

Getting Started With LoRa

Quick start procedures for setting up the AEP Conduit LoRa functionality can be found here:

<http://www.multitech.net/developer/software/lora/conduit-aep-lora-communication/>

Supported Multi-Tech Nodes for Node-RED

- Digital GPIO
- Analog GPIO
- LoRa (Long Range RF)
- Multi-Serial
- SMS

Uncompleted Features and Known Issues

- There is no WAN failover support on AEP. This feature is being re-designed with future support for multiple WAN capability.
- The Node-RED SMS node fails with certain characters in the SMS string. One of the characters is the “degree” character “°”.
- A “difficult to reproduce” issue with the Multitech Serial Card can cause the Serial port to enter the Disconnected state.
- In the User Interface GUI Firewall→Settings there is an issue that prevents the “de-selection” of an SNAT rule.
- In the User Interface GUI Firewall→Settings there is an issue that prevents the display of the selected “Enable NAT Loopback” check box on Prerouting rules.
- In the User Interface GUI Firewall→Settings there is an issue that reverts the source and destination interface selections to ANY when adding or editing a Forward Filter Rule.
- In the Firewall feature on AEP, filtering on the FTP protocol specifically is not working

properly. This is due to the `nf_nat_ftp` and `nf_conntrack_ftp` modules not being loaded.

- In Remote Management, when the “Sync with Dial-On-Demand” is enabled and cellular Dial-On-Demand is enabled, the Remote Management client is not waiting for the cellular link to be up before attempting to connect to DeviceHQ. This causes the link to be brought up when it is not intended to be.
- When specifying LAN for an interface in the firewall rules on the AEP Conduit, the interface in the rule gets set to “br+”. This is incorrect, and there currently is no way provided to configure a bridge interface on AEP.
- It is currently not possible to configure the LoRa Network Server logging level in the User Interface GUI.