Network Management Card 3 (NMC 3) Firmware v1.4.2.1 for Smart-UPS Release Notes

Table of Contents

The Smart-UPS application firmware v1.4.2.1 release notes apply to the following NMC cards:

- **AP9640 UPS Network Management Card 3**
- **AP9641 UPS Network Management Card 3**
- **AP9643 UPS Network Management Card 3**
- **Single-Phase UPS models with an integrated Network Management Card 3 – ON-1557 (e.g. All Smart-UPS SRT models 5kVA and above)**

Affected Revision Levels

Component	File	Details
Smart-UPS Application	apc_hw21_su_1-4-2-1.nmc3	UPS Application for Smart-UPS, Smart-UPS RT, Smart-UPS VT, MGE Galaxy 3500

For details on upgrading the UPS Network Management Card 3 (NMC 3) firmware, see the **User Guide** on the APC website.

Schneider Electric Device IP Configuration Wizard

The Device IP Configuration Wizard is a Windows application designed specifically to remotely configure the basic TCP/IP settings of Network Management Cards. The Wizard runs on Windows® Server 2012, Windows Server 2016, Windows Server 2019, Windows 8.1, and Windows 10. This utility is for IPv4 only.

NOTES:

- In firmware version v1.4.x and higher, it is not supported to assign IP addresses to Network Management Cards using the Wizard.
- You cannot search for assigned devices already on the network using an IP range unless you enable SNMPv1 and set the **Community Name** to "public". For more information on SNMPv1, see the **User Guide**.
- When the NMC IP address settings are configured, to access the NMC Web UI in a browser, you must update the URL from http to http**s**.

The Wizard is available as a free download from the APC website at www.apc.com:

1. Go to https://www.apc.com/shop/us/en/tools/software-firmware and click **Show More** from the list of checkboxes in **Filter by > Software / Firmware**.
2. Select **Wizards and Configurators** to view the list of utilities available for download.
3. Click the Download button to download the **Device IP Configuration Wizard**.

New Features

New Feature
UPS Support Support added for some Smart-UPS SUA SKUs: SUA750RM1U, SUA1000RM1U, SUA750RMI1U, SUA1000RMI1U, and SUA750RMJ1UB.

Known Issues

Known Issue
When an SSH/SSL key is generated via the CLI and deleted via the Web UI, the SSH/SSL key is not deleted after the NMC states the key is removed.

Miscellaneous

Recovering from a Lost Password

See the User Guide on the APC website for instructions on how to recover from a lost password.

Event Support List

To obtain the event names and event codes for all events supported by a currently connected APC device, first retrieve the config.ini file from the attached NMC. To use SCP to retrieve config.ini from a configured NMC:

1. Open a connection to the NMC, using its IP Address:
   scp <admin_username>@<ip_address>:config.ini <filename_to_be_stored>

2. Log on using the Administrator user name and password

3. Retrieve the config.ini file containing the settings of the NMC of the UPS:
   ftp > get config.ini

   The file is written to the folder from which you launched SCP.

   In the config.ini file, find the section heading [EventActionConfig]. In the list of events under that section heading, substitute 0x for the initial E in the code for any event to obtain the hexadecimal event code shown in the user interface and in the documentation. For example, the hexadecimal code for the code E0033 in the config.ini file (for the event "System: Configuration change") is 0x0033.

PowerNet MIB Reference Guide

NOTE: The MIB Reference Guide on the APC website explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use a MIB browser to view their definitions and available values directly from the MIB itself. You can view the definitions of traps at the end of the MIB itself (the file powernet436.mib on the APC website, www.apc.com).

Hash Signatures

Signatures	apc_hw21_su_1-4-2-1.exe
CRC32	A9F44341
CRC64	5889D87E71C2DDFA
SHA-256	7F2507CC0BF6175B4002B815996AF09E8393C1FDA7BD2D71600100BC583C0597
SHA-1	A95A7F7861D771CC8ACB1899AD9010A2E8E6F4C2
BLAKE2sp	75DD2C5FA73A3CF7A717F683D5560D714631F404A4E0E3AC468C0D1CC6EBCCBC