Rack PDU
with Network Management Card 2

Release Notes for: AP7•••B and AP8••• series Rack Power Distribution Units and AP71••B Inline Current Meters
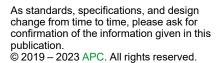
What's in This Document

Affected Revision Levels

Component	Version	Details
APC Operating System	apc_hw05_aos_712.bin	Network Management Card (NMC) Operating System & TCP/IP Stack for Hardware Platform v05
rpdu2g Application	apc_hw05_rpdu2g_713.bin	Rack Power Distribution Unit Application
PowerNet® Application	powernet452.mib or later	PowerNet SNMP Management Information Base (MIB)

As standards, specifications, and design change from time to time, please ask for confirmation of the information given in this publication.

by 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 2000, Windows Server® 2003, Windows Server 2012, and, on 32- and 64-bit versions of Windows Vista®, Windows XP, Windows Server 2008, Windows 7, Windows 8, and Windows 10 operating systems. This utility supports cards that have firmware version 3.X.X or higher and is for IPv4 only.

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

1. Go to www.apc.com/tools/download and select **Software Upgrades - Wizards and Configurators** from the **Filter by Software/Firmware** drop-down list

2. Click **Submit** to view the list of utilities available for download.

3. Click **Download** to download the **Network Management Device IP Configuration Wizard**.

New Features

APC Operating System (apc_hw05_aos_712.bin)
• You can now configure the port used for SNMPv1 or SNMPv3 traps.
• HTTPS now uses TLS v1.2 for encryption. In previous firmware versions, HTTPS used TLS v1.1.
rpdu2g Application (apc_hw05_rpdu2g_713.bin)
None.

Fixed Issues

APC Operating System (apc_hw05_aos_712.bin)
• You can now paste passwords and passphrases containing more than 20 characters in the CLI when using SSH.
• When you access the CLI with SSH, the default directory is shown after you sign in.
rpdu2g Application (apc_hw05_rpdu2g_713.bin)
• The Bank and Phase current thresholds now support decimals to the tenths place. This feature is supported in the web UI, CLI, SNMP, and in the config.ini file. New OIDs have been added to handle this adaptation on SNMP interfaces.
• The humidity reading is now displayed next to the humidity alarm and event text.
• The CLI help text for `bkRestrictn` has been corrected to say "bank" instead of "phase."
• In a when the Rack PDU is part of an NPS group, the essential alarm SNMP table now shows serial numbers.
• Corrected the spelling of "Temperature" in the environment configuration page.
• The incomplete help page for the Data log has been completed.

Known Issues

APC Operating System (apc_hw05_aos_712.bin) None.
rpdu2g Application (apc_hw05_rpdu2g_713.bin)
Description text for the SNMP OID properties is out of date.

Miscellaneous

Recovering from a Lost Password

See the *User Guide* on the website, www.apc.com 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 by Schneider Electric device, first use FTP to retrieve the config.ini file from the Network Management Card:

1. Open a connection to the NMC, using its IP Address:

   ```
   ftp > open <ip_address>
   ```

2. Log on using the Administrator user name and password.

3. Retrieve the config.ini file containing the settings of the Network Management Card:

   ```
   ftp > get config.ini
   ```

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

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

The MIB Reference Guide, available on www.apc.com, explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use an 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 powernet450.mib is downloadable from www.apc.com).

Hash Signatures

MD5 Hash: fe8ed35fbebf1561a0ce8ba7c1b35fa7
SHA-1 Hash: b5f73f6c0bc57ac45c2f19e59c2f8d0c17016823
SHA-256 Hash: c639c0a584a1b3778ad1607655a7cc6c567e1af5a239df100eaf9206eeb94cf5