

Rack PDU
Network Management Card 2

Release Notes for: AP7...B and AP8... series Rack Power Distribution Units and AP71...B Inline Current Meters

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Affected Revision Levels

Component	Version	Details
APC Operating System	apc_hw05_aos_720.bin	Network Management Card(NMC) Operating System & TCP/IP Stack for Hardware Platform v05.
rpdu2g Application	apc_hw05_rpdu2g_724.bin	Rack Power Distribution Unit Application
PowerNet® Application	powernet458.mib or later	PowerNet SNMP Management Information Base (MIB)

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_720.bin)
None
rpdu2g Application (apc_hw05_rpdu2g_724.bin)
None

Fixed Issues

APC Operating System (apc_hw05_aos_720.bin)
<ul style="list-style-type: none"> • Vulnerability in RADIUS protocol (CVE-2024-3596) and cryptlib cryptographic library (vulnerable to Bleichenbacher attack) has been addressed. • Any Sensitive information in the URL will not be transmitted across all requests in the application. • User can not keep the old password as the new password. • Minor customer issue fixes.
rpdu2g Application (apc_hw05_rpdu2g_724.bin)
None

Known Issues

APC Operating System (apc_hw05_aos_720.bin)
None
rpdu2g Application (apc_hw05_rpdu2g_724.bin)
None

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 `powernet458.mib` is downloadable from www.apc.com).

Hash Signatures

MD5	b815ff6c44708d2c8e199918e7904191
SHA-1	abae91fe0429898c7e7da1f2735b085dc1a1e9c2
SHA-256	6997289ada14d82b87939271788b43bfc68580acf7c4e1885bad1aa08108699c