Rack Automatic Transfer Switch (ATS) AP44•• with Network Management Card 2

AP4421, AP4422, AP4423, AP4424,AP4430, AP4431, AP4432,AP4433, AP4434, AP4450, AP4452, AP4452J, AP4453, AP44••

What's in This Document

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.
ATS Application	apc_hw05_ats4g_718.bin	Automatic Transfer Switch Application
PowerNet® Application	powernet458.mib or later	PowerNet SNMP Management Information Base (MIB)

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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 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
ATS Application (apc_hw05_ats4g_718.bin)
None

Fixed Issues

APC Operating System (apc_hw05_aos_720.bin)
• Vulnerability in RADIUS protocol and cryptlib cryptographic library 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.
ATS Application (apc_hw05_ats4g_718.bin)
None

Known Issues

APC Operating System (apc_hw05_aos_720.bin)
None
ATS Application (apc_hw05_ats4g_718.bin)
None

Miscellaneous

Recovering from a Lost Password

You can use a local computer (a computer that connects to the Rack ATS through the serial port) to access the Command Line Interface (CLI) to reset the user name and password:

1. Select a serial port at your local computer and disable any service using that port.
2. Connect the serial communication cable (included) to the selected port on the computer and to the Serial port on the Rack ATS.
3. Open a terminal program (such as Tera Term, HyperTerminal®, or PuTTY®), and configure the selected port with 9600 bps, 8 data bits, 1 stop bit, no parity, and no flow control.
4. Press Enter, repeatedly, until the `User Name` prompt is displayed. If the `User name` prompt is not displayed, verify the following:
   • The serial port is not in use by another application.
   • The terminal settings are correct as specified in step 3.
   • The correct cable is being used as specified in step 2.
5. Press **Reset** button near the power LED once. The Status LED will flash orange and green within 5–7 seconds of pressing the **Reset** button. When the Status LED begins flashing, immediately press the Reset button a second time to temporarily reset the user name and password to their defaults.
6. Press Enter, repeatedly if necessary, to display the `User Name` prompt again, then log on with the default username and password (**apc** and **apc**). If you take longer than 30 seconds to log on after the `User Name` prompt is displayed, you must repeat step 5 and log on again.
7. At the CLI, use the following commands to change the password from **apc** to a value of your choice:
   `user -n apc –cp apc -pw <user password>`
   Example: to change the Super User's password to `p@ssword`, enter
   `user -n apc –cp apc -pw p@ssword`
   NOTE: For security reasons, it is possible to disable the Super Useraccount. To verify that the Super User account is enabled, enter
   `user -n apc -e`
   If the account is disabled and the current password is p@ssword, you can enter `user -n apc -e enable -cp p@ssword` to enable the Super User account.
8. Enter the command `quit, exit,` or `bye` to log off. Reconnect any serial cable you have disconnected, and restart any service you have disabled.

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 theconfig.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

apc_hw05_aos720_ats4g718_bootmon109.exe

MD5	cecce77712180ea65b4ab5a4a03fc868
SHA-1	5091cc5e26066bd09aff2cfcd4db95380134bff6
SHA-256	9de93b5077ef64f3ec652d596668a89036dabf0f54a17dfd612bb22b16c782c5