

Printer Management Features

in HP Web Jetadmin



HP Web Jetadmin v. 6.5 uses SNMP queries to gather information from printers. These queries contain objects defined in the Standard Printer MIB (RFC 1759), among others. HP Web Jetadmin must ask questions as defined in a common MIB such as the Standard Printer MIB in order to support a wide variety of printers, including third party printers. Printers that cannot answer queries defined in the Standard Printer MIB run the risk of displaying very little if any information if discovered in HP Web Jetadmin. For HP printers, the HP LaserJet 5Si was the first printer to fully adopt the Standard Printer MIB. Earlier models of HP printers may not support many of the advanced features of HP Web Jetadmin simply because they cannot answer the queries or do not support the features. The following matrix displays more details regarding which printer features are supported on various models of HP printers.

Printer	Page Count	Serial Number	Consumable Level	Remote Control Panel	Usage Meters	Print Jobs	Disk Jobs	Set Online/Offline	Power Cycle	Paper Tray Level	Error Log	Self Test Page	Resets
HP Business InkJet 2250	Y	Y	Y	N	N	N	N	Y	Y	N	N	N	Y
HP Color LaserJet	Y	N	N	N	N	N	N	Y	Y	N	N	N	Y
HP Color LaserJet 4500	Y	Y	N	Y	N	Y	N	Y	Y	Y	Y	Y	Y
HP Color LaserJet 4550	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	Y	Y
HP Color LaserJet 5/5M	Y	Y	N	N	N	N	N	N	N	N	N	N	N
HP Color LaserJet 8500	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
HP Color LaserJet 8550	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP DeskJet 1120C	Y	Y	N	N	N	N	N	N	N	N	N	N	Y
HP DeskJet 1220C	Y	Y	N	N	N	N	N	N	N	N	N	N	Y
HP DesignJet 1055CM	N	N	Y	N	N	N	N	N	N	N	N	N	Y
HP DeskJet 1600C/CM	Y	Y	N	N	N	N	N	N	N	N	N	N	N
HP DesignJet 2000C	N	N	Y	N	N	N	N	N	N	N	N	N	Y
HP DesignJet 2500CP	N	N	Y	N	N	N	N	N	N	N	N	N	Y
HP 2000C	Y	Y	Y	N	N	N	N	N	N	N	N	N	Y
HP 2500C	Y	N	Y	N	N	N	N	N	N	N	N	N	Y
HP LaserJet 1200	Y	Y	N	N	N	Y	N	Y	Y	N	N	Y	Y
HP LaserJet 1220	Y	Y	N	N	N	Y	N	Y	Y	N	N	Y	Y
HP LaserJet 2100	Y	Y	N	N	N	Y	N	Y	N	N	N	Y	Y
HP LaserJet 2200	Y	Y	N	N	N	Y	N	Y	N	N	N	Y	Y
HP LaserJet 3200	Y	Y	N	N	N	N	N	Y	N	N	N	Y	Y
HP LaserJet 4+	Y	N	N	N	N	N	N	N	N	N	N	N	N
HP LaserJet 4000	Y	Y	N	Y	N	Y	Y	Y	Y	N	Y	Y	Y
HP LaserJet 4050	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 4100	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 4Si	Y	N	N	N	N	N	N	N	N	N	N	N	N
HP LaserJet 4V	Y	Y	N	N	N	N	Y	Y	N	N	Y	Y	N
HP LaserJet 5/5M	Y	Y	N	N	N	Y	N	Y	Y	N	N	Y	Y
HP LaserJet 5000	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 5Si	Y	Y	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 6MP	Y	Y	N	N	N	Y	N	Y	Y	N	N	Y	Y
HP LaserJet 8000	Y	Y	N	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 8100	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP LaserJet 8150	Y	Y	Y	Y	Y	N	Y	N	N	Y	Y	N	Y
HP LaserJet 9000	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	N	Y	Y
HP Mopier 240	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP Mopier 320	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HP OfficeJet R80XI	Y	Y	N	N	N	N	N	N	N	N	N	N	Y

Legend

Page Count	The Page Count is a value stored on the printer that represents a cumulative total of pages printed. This is the same value that is reported on the test page for the printer.
Serial Number	The Serial Number is a unique manufacturing identifier for the printer. The Serial Number is usually contained on the test page for the printer as well as stamped externally on the printer.
Consumable Level	Consumable Level is a toner gauge(s) that indicates the toner or ink levels.
Remote Control Panel	Remote Control Panel is an interactive version of the printer's control panel. Settings can be remotely changed on the printer as if they were being changed from then front panel of the printer itself.
Usage Meters	Usage Meters is a diagnostics option that displays the quantity of various media types printed (both simplex and duplex) on a particular printer. It uses the media type "letter" as a constant, giving it a value of 1.0, and calculates all other media types as a multiple of this constant. For example, "legal" size is displayed with a value of 1.3, since it is slightly larger than letter size. This option requires a hard disk to be installed in the printer.
Print Jobs	The Print Jobs tab displays a list of all of the jobs that the printer has processed. The amount of information displayed depends on which printer driver was used to print the job. Some information may not be passed from the printer driver or monitor, which means that some columns might be blank.
Disk Jobs	Disk Jobs provides the ability to view and/or delete any print jobs that may be stored on a printer hard disk.
Set Online/Offline	Set Online/Offline provides the ability to set a printer online or offline remotely.
Power Cycle	Power Cycle allows for remotely cycling the power of printers.
Paper Tray Level	Paper Tray Level provides an indication of how much paper is remaining in any of the installed paper trays in a printer.
Error Log	Error Log displays on screen any error log that may be maintained on the printer itself.
Self Test Page	Self Test Page forces the printer to print an internal self test page.
Resets	Resets can provide the following functionality: <ul style="list-style-type: none"> • Power Cycle Printer - restarts the printer and reinitializes all of the printer's settings. • Reset Printer To Factory Defaults - restores the printer's settings to the factory defaults. • Restart NetWare Connections - restarts the Novell NetWare connections on the HP JetDirect print server. If a print job is currently being processed, HP Web JetAdmin lets the print job finish before restarting the connections. • Restart IPX/SPX Stack - causes the IPX/SPX stack to go through its startup process. • Reset IPX/SPX Stack to Factory Defaults - resets the IPX/SPX stack to the factory default settings, including removing the Rprinter Mode configuration and deleting any queues. It does not reset the IP information.

Exceptions

Although the included matrix may claim support for a particular item on a particular printer, extenuating circumstances may exist to prevent that particular feature from appearing as advertised for that printer. For example, if the NVRAM becomes reset on a printer, an item such as the serial number may be erased or replaced by odd characters such as "AAXXY9999". Also, the page count on the printer may also be erased, causing HP Web JetAdmin to report inaccurate page count and interim page count information.