

PATCHLINK™ UPDATE v6.2

Release Notes

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PATCHLINK UPDATE Server Requirements

PATCHLINK UPDATE Server Software Requirements

Table 1.1 PATCHLINK UPDATE Server Software Requirements

Windows Server™ 2000	Standard or Advanced Edition with Service Pack 4 or higher
Windows Server 2003	Standard or Enterprise Edition. If Service Pack 1 is installed refer to PatchLink knowledge base article #106
Windows® XP	Professional or Home Edition with Service Pack 1 or higher Note: Windows XP should be used for evaluation purposes only
Microsoft® Internet Explorer	Version 5.01 or higher Note: Do not install Netscape® (version 5 or higher) until after you have successfully installed PATCHLINK UPDATE
Microsoft® .NET Framework	Version 1.1 or higher
Microsoft® SQL Server or Microsoft® SQL Server Desktop Engine (MSDE)	Microsoft SQL Server 2000 or MSDE 2000 Note: You must NOT have Microsoft SQL Server, MSDE, or Microsoft Access installed on the PATCHLINK UPDATE Server
Note: All operating systems should be the default installation with load additional software loaded prior to installing PATCHLINK UPDATE	
Note: Do not install the server software on a Primary Domain Controller (PDC). Installation onto a PDC is not supported in this release of PATCHLINK UPDATE	

PATCHLINK UPDATE Server Hardware Requirements

Minimum (for limited evaluations)

- Intel Pentium 200MHz-processor
- 256 MB of RAM
- 5 GB of available disk space
- A LAN connection (enabling a browser connection to the Internet)

Recommended

For every 1000 devices managed using PATCHLINK UPDATE Server, we recommend:

- Intel Pentium 1 GHz-processor
- 1024 MB of RAM
- 20 GB of available disk space
- A LAN connection (enabling a browser connection to the Internet)



Note: Deployments over multiple locations or large numbers of nodes may require additional resources. Please check with your PatchLink representative.

PATCHLINK UPDATE Agent Requirements

PATCHLINK UPDATE Agent Software Requirements

Windows Agent

- Administrator privileges on the target machine
- Windows 2000 computers require Service Pack 1
- Windows NT 4.0 computers require Service Pack 6a
- Microsoft Internet Explorer 5.01 or higher (Internet Explorer 5.5 or higher if using SSL)

UNIX/LINUX Agent

- Superuser privileges on the target machine.
- One of the following Java Runtime Environment versions (dependent upon Operating System):

Table 1.2

Operating System	JRE Version and Provider
Linux and Solaris	JRE 1.2.2 or higher from Sun Microsystems
AIX	JRE 1.2.2 or higher from IBM
Mac OS X	JRE 1.2.2 or higher from Apple
HP-UX	JRE 1.2.2 or higher from HP

- Presence of the `/var/tmp` directory on Solaris and `/tmp` on other operating systems for temporary file storage and processing.

PATCHLINK UPDATE Agent Hardware Requirements

- Network connectivity to your PATCHLINK UPDATE Server (PLUS).
- 50 MB (2 MB for UNIX/LINUX Agent) of free disk space for agent installation.
- Sufficient free disk space to download and install patches (varies dependent upon size of patch).

Upgrade Path

Manual Upgrade Path

- PATCHLINK UPDATE Server Hotfix v6.2
 - Please see [PatchLink Knowledgebase article #217](#) for detailed upgrade instructions
- PATCHLINK UPDATE Agent Hotfix v6.2
 - Please see [PatchLink Knowledgebase article #218](#) for detailed upgrade instructions

Subscription Upgrade Path

The patch to upgrade your existing agents and server to v6.2 from the PATCHLINK UPDATE Server will be available soon.

New Features

Increased Large-Enterprise Support

- Support for Enterprise Reporting Server (ERS) 2.0
- Allow catalog customization for language specific patches
- Reduced overhead for more efficient patch updates
- Client / Server optimization for increased scalability and performance

Advanced Deployment Options

- Immediate, real-time agent response to server deployments
- More consistent deployment experience for end-users
- Expanded policy notification options
- Administrator option to allow end-users to cancel patch deployments or reboots

Agent Management Center (AMC) Enhancements

- Greater support for agent discovery processes in Active Directory, eDirectory, and other LDAP compliant directories
- Ability to import PC lists from standard file formats
- Wizard-based PC discovery and agent implementation
- Enhanced agent installation detection featuring pre-determination of station eligibility
- Credential pooling for discovery process
- Ability to run the AMC from non-PLUS workstations through the remote AMC feature
- Wake On LAN (WOL) capabilities

Asset Management

- Enhanced inventory discovery, collection and reporting
- Discovery now includes machine make, model, serial number, virtualization detection (VMWare, Virtual PC), Hyper-threaded CPUs, last logged-in user, and last reboot options
- Supports augmenting of inventory data and software version support through custom XML files on the local machine

Enhanced PATCHLINK UPDATE Agent for MAC

- Support for integrated Control Panel and Desktop Deployment Manager
- New Agent start-up switches include:
 - User "username": to specify the user owner of the agent process
 - Detect only: to provide support for **Detect Only** reporting.
 - Reinstall: to provide the ability to reinstall the agent using agent credentials from the previous install

Known Issues

PATCHLINK UPDATE Server

- Inconsistent description for the Deadline Date (**Deadline Date Offset** on the *Computer Info Page*, **Reboot Offset** on the *Defaults Page*, **Reboot Date Offset** when editing a Policy)
- The agent listener port is called **Ping Port** on the *Options, Default Page* and in *Computer Details Page*
- The default deployment time in Deployment Wizard is UTC.
 - To use agent local time; Go to *Options, Defaults page* and set **Use Agent UTC Time** to *No*

PATCHLINK UPDATE Agent for Windows

- After the deployment of the PATCHLINK UPDATE Agent v6.2 Hot Fix, end users will not receive notification regarding pending deployments or reboots until the computer is rebooted or the user has logged off. See [PatchLink Knowledge Base Article #209](#)
- Discover Applicable Updates (DAU) task may fail to run after the last deployment but will run successfully following the next scheduled DAU deployment

Agent Management Center

- When using Windows Authentication, you can establish a trusted connection by creating the same user account in the Users Page of PLUS with the same password as the user currently logged in to the AMC
- AMC network tree may not properly display machine names in certain character sets. See [PatchLink KB Article #213](#)
- AMC versions prior to v2.0 are not compatible with PATCHLINK UPDATE v6.2.

Issues Resolved

PATCHLINK UPDATE Server

- Access Right "Reboot Now" is available to all roles
- ('PLUS: Import_Reports') does not exist
- FIX: "Object reference not set to an instance of an object" when Launching Application Report
- FIX : SQL Server Schedule Job 'PLUS: Governor Process for Deployment Status' Failed
- FIX: The X-Deploy Wizard deploys to (selects) all group members without showing individual computers
- Saving the proxy settings from the Options, Defaults Page will not update the proxycfg.exe utility.
- PATCHLINK UPDATE Server not receiving updated detection results from agents causing the Mandatory Baseline to redeploy patches.
- PATCHLINK UPDATE Server Hotfix 6.2 was missing the PLAgentControll.dll resulting with packages not automatically downloading.

PATCHLINK UPDATE Agent for Windows

- Removed “BAK” directory from %program files%\Update Agent\ directory
- Logging Level set to “none” but Agent wrote to event viewer in debug mode
- Dagent.exe hangs on Windows NT workstation and server when using SSL
- StartService: Start PATCHLINK UPDATE Service Failed Error Code 1056 on Windows NT 4.0 when using SSL
- Faulting application dagent.exe, version 6.2.0.27, faulting module ntdll.dll, version 5.1.2600.2180, fault address
- "Restart Agent" failed on Windows XP Service Pack 2
- System Task: Refresh Inventory Data would not trim the PATCHLINK UPDATE Agent.log
- The new inventory feature for Last Reboot and Last Logged On User retained multiple instances for each computer
- Computers running Windows XP Pro (no service pack or Service Pack 1) could experience the dagent.exe run time error "Report Problem To Microsoft" on the initial startup of the PATCHLINK UPDATE Agent
- Digital signature was missing for dagent.exe and pdm.exe causing the error message: “This file does not have a valid digital signature that verifies it’s publisher”.

PATCHLINK UPDATE Agent for Unix

- Unix Agent was limited to 1500 components per report
- Unix Agent installation on extremely slow HP-UX Machines caused two agents to seemingly register
- Unix agent bypassed proxy for registration when using `https://`
- UNIX Agent *Reboot Now System Task* did not work on Solaris or RedHat
- Replaced file-based IPC with shared memory IPC in the PDDM

X-Deploy

- Index was returning an “out of range” error when expending groups
- Multiple Patch Deployment Wizard displayed status page
- Users notified of reboots, with X-Deploy Wizard, when the "No Reboot Notification" option was specified
- Reorder buttons caused error
- Delete button available in Deployment Wizard to remove unwanted packages