

Microsoft Windows Server Update Services (WSUS 3.0 SP1)

Knowledgebase Article

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1 SYMPTOMS

Microsoft windows critical and security updates are essential to ensure secure operating system, to protect from hackers and virus attacks. Downloading of windows updates from the public internet by all computers independently is not recommended since it can significantly affect the internet connection bandwidth. Each machine can potentially attempt to download 50 or 100 MB of updates from the internet impacting the bandwidth. In addition if computer's users manage the update downloads they may miss important updates allowing some machines in the corporate environment to be vulnerable.

2 RESOLUTION

ISC recommend deploying software patching solutions to provide for centralized patch management. This ensures client and servers are updated with the latest security and critical Microsoft updates.

Microsoft Windows Server Update Services 3.0 SP1 (WSUS 3.0 SP1) and System Center Configuration Manager (SCCM) enable information technology administrators to deploy the latest Microsoft product updates.

By using WSUS, administrators can fully manage the distribution of updates that are released through Microsoft Update to computers in their network. Microsoft Windows Server Update Services (WSUS) 3.0 provides a comprehensive solution for managing updates within the network and is free of charge.

Microsoft Windows Server Update Services 3.0 (WSUS) SP1 delivers many features including:

- Download Updates By Schedule: to minimize the impact on bandwidth during certain times, it enables to schedule when the download can happen.
- Delegation of Administration: Allow only administrators to approve updates for a target group.
- Advanced filtering: You can filter the views based on approvals and the status on the clients; so you can see approved updates with failures, and with a single click you can see approved updates that are still needed.
- Advanced reporting: It allows reporting by computer and by updates.
- Improved performance and operational reliability.
- WSUS download server by Group Policy: It allows the WSUS server to determine which client machine need to download the updates by Group Policy.

The Innovation and Support Center is proficient in the deployment of WSUS solutions. We consider the WSUS or other equivalent automated patch deployment mechanism to be a base requirement for an entity to evolve.

3 MORE INFORMATION

For more information about Microsoft Windows Server Update service check the following links.

Title	Link
Microsoft Windows Server Update Services 3.0 Overview	http://technet2.microsoft.com/windowsserver/en/library/92170771-83e7-47bb-abbc-7d93ee5d78671033.mspx?mfr=true
Step-by-Step Guide to Getting Started with Microsoft Windows Server Update Services 3.0	http://technet2.microsoft.com/windowsserver/en/library/a68a19d2-630e-45d6-b596-d24dac987b641033.mspx?mfr=true
Microsoft Windows Server Update Services 3.0 Operations Guide	http://technet2.microsoft.com/windowsserver/en/library/9b65850d-17a0-440e-9cad-2eb881011f5f1033.mspx
Innovation and Support Center	http://www.isc.gov.om