



OpCon and Windows Server Update Service

Automating Windows updates with OpCon

Systems constantly require update and patches

In today's world, it's imperative to unite business application and infrastructure automation. Infrastructure complexity is increasing and businesses require non-stop availability. Additionally, security mandates that machines be constantly updated and this requires end-to-end automation and standardization.

High frequency of update and patches

Managing updates and patches on Windows machines across the enterprise can be challenging for businesses. The large number of machines and high frequency of updates and patches in most organizations require a considerable amount of manual work by the IT operators. Automation of infrastructure processes greatly contributes to the

operational efficiencies of the business. Smoothly managing Windows Server Update Services (WSUS) is an important part of this.

Windows Server Update Services Integration

SMA Solutions has developed an integration for OpCon and WSUS. With the OpCon WSUS integration, it is possible to manage, control and automate the businesses update strategy providing maximum availability across the entire enterprise.

CHALLENGE	SOLUTION	BENEFITS
Update errors were not automatically detected and every machine had to be manually checked	Within a workflow in OpCon, update tasks are automatically initiated and tracked. Automatic notifications are sent out if there are update errors	Update errors no longer negatively impact the business
Update tasks cause high peaks in resources usages, which causes delays or errors in other processes	OpCon automatically forecasts and plans the required resources for update tasks; then, initiates updates at the best time	No interference with the business because fewer resources are impacted when performing Windows updates
Governance rules are constantly increasing	OpCon automatically tracks and logs all activities and provides automatic reports	Compliance and security requirements are met

Forecast Update Resource Requirements

Updating machines can impact many resources. This means that these updates cannot interfere with the most critical business processes. Combining the WSUS integration with OpCon's capacity planning capabilities allows anyone to initiate and track updates when it is best for the business.

WSUS Integration Features

- Automatically initiate Windows update tasks and track to completion
- Automatically check if updates are available
- Use lists to include/exclude machines
- Returns list of updates performed with easy visibility in the user interface
- Start updates on demand using Self Service

Automating WSUS in a Virtualized Environment

WSUS is often used in combination with VMware and Hyper-V. By combining the WSUS integration with these hybrid infrastructure integrations, it is possible to fully automate the update process.

With these integrations, it is possible to take a snapshot of an environment and automatically revert if necessary. This will drastically reduce downtime, eliminate update errors and greatly improve the overall performance of the infrastructure.