

## Module 9 – WSUS

In this module students will learn how to configure a WSUS server and client to manage the updating of software. They will also learn how to use MBSA to scan for security compliance.

### Section 9.1: WSUS

#### Summary

This section discusses how Windows Server Update Services (WSUS) allows you to configure a server on your intranet as a centralized point for updating software. Details include:

- The advantages of using WSUS
- Components that WSUS uses:
  - Microsoft Update
  - Windows Server Update Services (WSUS) server
  - Automatic Update
- Deployment scenarios for WSUS:
  - Single WSUS server
  - Multiple independent servers
  - Multiple synchronized servers
  - Disconnected WSUS server
- Microsoft Update and WSUS support updating many Microsoft products, including:
  - Window operating systems
  - Exchange Server
  - SQL Server
  - Microsoft Office
- Criteria for controlling updates:
  - Product family
  - Update classification
  - Language
- Configuring WSUS on the server:
  - Installation
  - Configure the server
  - Approve updates
  - Add downstream servers

Students will learn how to:

- Install WSUS and configure a WSUS server to download updates from Microsoft Update.
- Synchronize and approve updates.
- Configure a child server as a replica of an upstream server.
- Run reports to view client and update information.






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## Configuring Server 2008 Network Infrastructure Objectives

- 501. Configure Windows Server Update Services (WSUS) server settings.
  - Update type selection
  - Client settings
  - Software updates
  - Test and approval
  - Disconnected networks

### Video/Demo

### Time

<input type="checkbox"/>  9.1.1 WSUS	8:11
<input type="checkbox"/>  9.1.3 Installing the WSUS Role	6:27
<input type="checkbox"/>  9.1.4 Configuring WSUS Server Settings	7:01
<input type="checkbox"/>  9.1.5 Configuring a Downstream Server	3:06
<input type="checkbox"/>  9.1.6 Viewing WSUS Reports	<u>4:22</u>
<i>Total</i>	29:07

**Number of Exam Questions: 4 questions**

**Total Time: About 40 minutes**

## Section 9.2: Client Configuration

### Summary

This section covers WSUS Client Configuration and Targeting. Each client computer must have the Automatic Updates client software to use automatic updates. Targeting allows you to manage deployment of updates to specific computers through the use of groups. Details include:

- Automatic Update policies:
  - Configure Automatic Updates
  - Specify intranet Microsoft Update service location
  - Enable client-side targeting
  - Reschedule Automatic Updates Scheduled Installations
  - No auto-Restart For Scheduled Automatic Updates and Installations
  - Automatic updates detection frequency
  - Allow automatic Updates immediate installation
  - Delay restart of schedule installations
  - Re-prompt for restart with scheduled installations
  - Allow non-administrators to receive update notifications
  - Do not display 'Install Updates and Shut Down' option in Shut Down Windows dialog box
- Download of updates options:
  - Automatic
  - Notification

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- Installation of updates options:
  - Automatic (Scheduled)
  - Notification
- The role of targeting
- Methods to assign client computers to a group:
  - Server-side targeting
  - Client-side targeting

Students will learn how to:




- Control client update behavior through Group Policy.
- Create computer groups for targeting, and manually modify group membership.
- Enable client-side targeting on the WSUS server.
- Configure client-side targeting through Group Policy.

## Configuring Server 2008 Network Infrastructure Objectives

- 501. Configure Windows Server Update Services (WSUS) server settings.
  - Client settings
  - Group Policy Object (GPO)
  - Client targeting
  - Software updates
  - Test and approval

### Video/Demo

### Time

<input type="checkbox"/>  9.2.1 Configuring Automatic Updates Client	10:59
<input type="checkbox"/>  9.2.3 Targeting	1:59
<input type="checkbox"/>  9.2.4 Configuring WSUS Targeting	<u>11:26</u>
<i>Total</i>	<i>24:24</i>

### Lab/Activity

- Enforce WSUS Settings

**Number of Exam Questions: 5 questions**

**Total Time: About 40 minutes**