**IBM WebSphere Application Server V9 Installation**

Description: 5300_IBMpos

**VW590 (Web-based)**



Course description

This course teaches you the skills that you need to install IBM WebSphere Application Server V9. The course consists of recorded presentations and video demonstrations.

In this course, you learn how to install and configure IBM WebSphere Application Server V9 base. You also see how to install IBM Installation Manager 1.8.5, which is a prerequisite for installing WebSphere Application Server. Finally, you see how to install the IBM HTTP server.

Throughout the course, recorded demonstrations reinforce lecture content.

For information about other related courses, visit the IBM Training website:

http://www.ibm.com/training

General information

Delivery method

Web-based training (WBT)

Course level

ERC 1.0

Product and version

WebSphere Application Server version 9

Audience

This course is designed for administrators who install, configure, and manage web-based applications on WebSphere Application Server. Web administrators, lead application developers, and application architects can also benefit from this course.

Learning objectives

After completing this course, you should be able to:

* Install and configure IBM Installation Manager
* Install and configure WebSphere Application Server V9
* Install and configure IBM HTTP Server (IHS)

Prerequisites

Before taking this course, you should have:

* An understanding of basic internet concepts
* Experience in using a web browser
* Administrative skills for a web server, such as IBM HTTP Server or Apache
* Basic operational skills for the Linux operating system

Duration

0.5 days

Skill level

Intermediate

Notes

The following durations reflect the actual length of recorded segments of the course. For most students, the total length of the course is greater than the sum of these segments.

This course is an update of several units of the following previous course:

* WA855: *WebSphere Application Server V8.5.5 Administration*

Course agenda

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| Unit 1. IBM Installation Manager  Duration: 23 minutes | |
| Overview | This unit describes the IBM Installation Manager. |
| Learning objectives | After completing this unit, you should be able to:   * Define IBM Installation Manager * Describe the IBM Installation Manager wizards * Describe the IBM Packaging Utility * Uninstall IBM Installation Manager |

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| Demonstration 1. Installing IBM Installation Manager Version 1.8.3  Duration: 3 minutes | |
| Overview | IBM Installation Manager is an installation management tool that installs and maintains Installation Manager-based software packages. This Eclipse-based tool enables users to install and modify packages, search for updates, uninstall, and roll back. This demonstration covers the installation of IBM Installation Manager and WebSphere Customization Toolbox. |
| Learning objectives | After completing this demonstration, you should be able to:   * Install IBM Installation Manager * View the installation log file * Confirm the installation of IBM Installation Manager |

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| Unit 2. WebSphere Application Server installation  Duration: 38 minutes | |
| Overview | This unit describes the tasks that are involved in the planning, installation, and post-installation of WebSphere Application Server. |
| Learning objectives | After completing this unit, you should be able to:   * Describe the installation process for WebSphere Application Server * Verify the installation of WebSphere Application Server * Describe WebSphere profiles * Describe the directories and configuration files for WebSphere Application Server * Describe how to use configuration commands * Describe how to use backup and restore configuration utilities |

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| Demonstration 2. Installing WebSphere Application Server  Duration: 6 minutes | |
| Overview | In this demonstration, you install WebSphere Application Server Network Deployment V9 by using IBM Installation Manager to install a set of shared product binary files. |
| Learning objectives | After completing this demonstration, you should be able to:   * Use IBM Installation Manager to install WebSphere Application Server |

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| Demonstration 3. Modifying WebSphere Application Server  Duration: 3 minutes | |
| Overview | In this demonstration, you see how to modify WebSphere Application Server V9 by using IBM Installation Manager to install a sample application. |
| Learning objectives | After completing this demonstration, you should be able to:   * Use IBM Installation Manager to modify a product feature |

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| Demonstration 4. Creating a profile with the Profile Management Tool  Duration: 5 minutes | |
| Overview | In this demonstration, you see how to use the Profile Management Tool to create an application server profile. |
| Learning objectives | After completing this demonstration, you should be able to:   * Use the Profile Management Tool to create a profile |

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| Demonstration 5. Verifying installation of WebSphere Application Server  Duration: 5 minutes | |
| Overview | In this demonstration, you see how to test the product to ensure that WebSphere Application Server was installed successfully. |
| Learning objectives | After completing this demonstration, you should be able to:   * Verify that the installation was successful by running the Installation Verification Tool |

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| Demonstration 6. Creating a backup of profile1  Duration: 2 minutes | |
| Overview | In this demonstration, you see how to back up a profile. |
| Learning objectives | After completing this demonstration, you should be able to:   * Back up all of the files that make a profile |

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| Demonstration 7. Starting and stopping the WebSphere Application Server  Duration: 2 minutes | |
| Overview | In this demonstration, you see how to use command line scripts to start and stop the WebSphere Application Server. You also see how to query the status of the WebSphere Application Server. |
| Learning objectives | After completing this demonstration, you should be able to:   * Use a script to query the status of the WebSphere Application Server * Use a script to stop the WebSphere Application Server * Use a script to start the WebSphere Application Server |

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| Demonstration 8. Exploring the directory structure of the WebSphere Application Server  Duration: 2 minutes | |
| Overview | In this demonstration, you explore the directory structure of the WebSphere Application Server. |
| Learning objectives | After completing this demonstration, you should be able to:   * Identify the types of files in the folders that make up the WebSphere Application Server |

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| Demonstration 9. Checking installation log files  Duration: 4 minutes | |
| Overview | In this demonstration, you see where to find installation log files. They are useful to verify successful installation and helpful in problem determination. |
| Learning objectives | After completing this demonstration, you should be able to:   * Identify installation log files for WebSphere Application Server |

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| Demonstration 10. Checking WebSphere Application Server log files  Duration: 4 minutes | |
| Overview | In this demonstration, you see where to find WebSphere Application Server log files. They are useful to verify successful operation and helpful in problem determination. |
| Learning objectives | After completing this demonstration, you should be able to:   * Identify WebSphere Application Server log files |

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| Unit 3. Web server installation  Duration: 17 minutes | |
| Overview | In this unit, you learn the tasks that are involved in planning and installing IBM HTTP Server and the plug-ins for WebSphere Application Server. |
| Learning objectives | After completing this unit, you should be able to:   * Explain the installation process for IBM HTTP Server * Verify the installation of IBM HTTP Server * Explain the installation process for WebSphere Customization Toolbox * Install web server plug-ins for WebSphere Application Server * Use the Plug-in Configuration Tool to configure the web server plug-in |

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| Demonstration 11: Installing IBM HTTP Server  Duration: 6 minutes | |
| Overview | In this demonstration, you see how to use IBM Installation Manager to install IBM HTTP Server. |
| Learning objectives | After completing this demonstration, you should be able to:   * Install IBM HTTP Server with IBM Installation Manager |

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| Demonstration 12: Installing the IBM HTTP Server plug-in  Duration: 4 minutes | |
| Overview | In this demonstration, you see how to install the IBM HTTP Server plug-in. |
| Learning objectives | After completing this demonstration, you should be able to:   * Install the IBM HTTP Server plug-in |

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| Demonstration 13: Installing the IBM WebSphere Customization Toolbox  Duration: 5 minutes | |
| Overview | In this demonstration, you see how to install the WebSphere Customization Toolbox. |
| Learning objectives | After completing this demonstration, you should be able to:   * Install the WebSphere Customization Toolbox |

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| Demonstration 14: Configuring the web server plug-in  Duration: 6 minutes | |
| Overview | In this demonstration, you see how to configure the web server plug-in. |
| Learning objectives | After completing this demonstration, you should be able to:   * Configure the web server plug-in |

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| Demonstration 15: Verifying and testing installation of IBM HTTP Server and plug-in  Duration: 3 minutes | |
| Overview | In this demonstration, you explore installation files. |
| Learning objectives | After completing this demonstration, you should be able to:   * Verify and test installation files for the IBM HTTP Server and plug-in |

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| Demonstration 16: Exploring the IBM HTTP Server and plug-in installation files  Duration: 3 minutes | |
| Overview | In this demonstration, you explore the directory structure and files that are created during installation. |
| Learning objectives | After completing this demonstration, you should be able to:   * Explore files that are associated with the IBM HTTP Server and plug-in |

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| Demonstration 17: Checking IBM HTTP Server installation log files  Duration: 3 minutes | |
| Overview | In this demonstration, you check IBM HTTP Server installation log files. |
| Learning objectives | After completing this demonstration, you should be able to:   * Identify IBM HTTP Server installation log files |

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| Demonstration 18: Reviewing configuration files  Duration: 3 minutes | |
| Overview | In this demonstration, you explore configuration files. |
| Learning objectives | After completing this demonstration, you should be able to:   * Identify and review configuration files that are associated with the IBM HTTP Server and plug-in |

For more information

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