

Lab 2 – Installing WebSphere Application Server

At the end of the exercise, you should be able to:

- Use IBM Installation Manager to install WebSphere Application Server Network Deployment
- Use IBM Installation Manager to modify a product feature
- Use the Profile Management Tool to create a profile
- Verify that the installation was successful by examining log files
- Start and stop the application server

Section 1: Install WebSphere Application Server

In this part of the exercise, you use the IBM Installation Manager to install WebSphere Application Server. Before the WebSphere Application Server installation can be started, an installation repository that contains the WebSphere Application Server installation binary files must be defined.

Section 2: Modify WebSphere Application Server

You can use Installation Manager to add or remove a product feature from an installed package. To modify an installed package, Installation Manager must have access to the repository that contains the package installation files.

In this part of the exercise, you modify the WebSphere Application Server installation from Section 1 to include the sample applications.

Section 3: Create a profile with the Profile Management Tool

After the core product files for WebSphere Application Server are installed, you must create a profile to make the product functional. In this part of the exercise, you create an application server profile named `profile1` with the Profile Management Tool in the WebSphere Customization Toolbox. The Profile Management Tool is added to the WebSphere Customization Toolbox during the installation of WebSphere Application Server.

Section 4: Verify installation of WebSphere Application Server

The First steps console is where you can start or stop the server, access the WebSphere Information Center, and start various tools. Each application server profile has an associated First steps console.

Section 5: Create a backup of profile1

Section 6: Start and stop the WebSphere Application Server

Section 7: Explore the directory structure of WebSphere Application Server

Now that WebSphere Application Server is installed, examine the directory structure and review what you installed.

Section 8: Check the installation log files

A number of log files are created during the installation and profile creation process. It is useful to check these files to verify that the installation completed successfully.

Section 9: Check the application server log files

Start WebSphere Application Server in profile1 and view the log files.