

Access and Active Server Pages

Windows Vista IIS Configuration Steps

To successfully work with the Chapter 28 examples on a Windows Vista computer, please perform the following Internet Information Services (IIS) configuration steps.



Note: If your system is running on Vista, you should use these instructions instead of the book's Hands-On 28-2 and 28-3.

- 1) Complete Hands-On 28-1 as instructed in the book.
- 2) Complete the configuration steps as outlined in this document (Parts I, II, III, and IV).
- 3) Proceed with the book's Hands-On 28-4.

Part I — Enabling Classic ASP on Vista IIS 7.0

1. Click the **Start** button and open the **Control Panel**.
2. Click on the **Programs** link as shown in Figure 1.

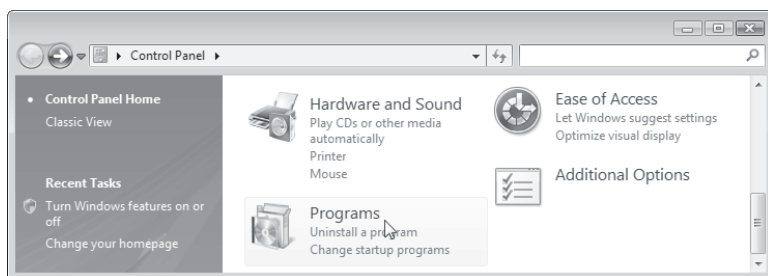


Figure 1

3. Under Programs and Features, click **Turn Windows features on or off** as shown in Figure 2.

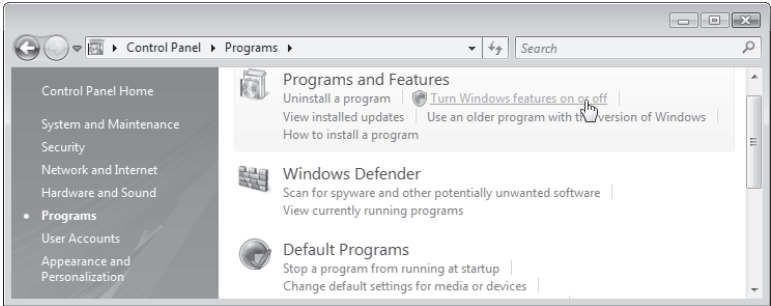


Figure 2

- 4. Click **Continue** in the User Account Control (UAC) window to give Windows your permission to continue.
- 5. Wait while Windows retrieves all the features.
- 6. Expand the **Internet Information Services** tree node and make sure your selections under various IIS nodes match those shown in Figure 3.
- 7. Click **OK**. Windows displays the message shown in Figure 4.

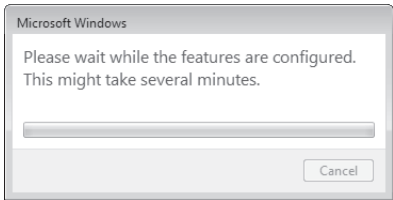


Figure 4

- 8. Once the features are configured, close all the open Control Panel windows.
- 9. After completing the above configuration steps, you should see the inetpub folder on your computer's system drive as shown in Figure 5.

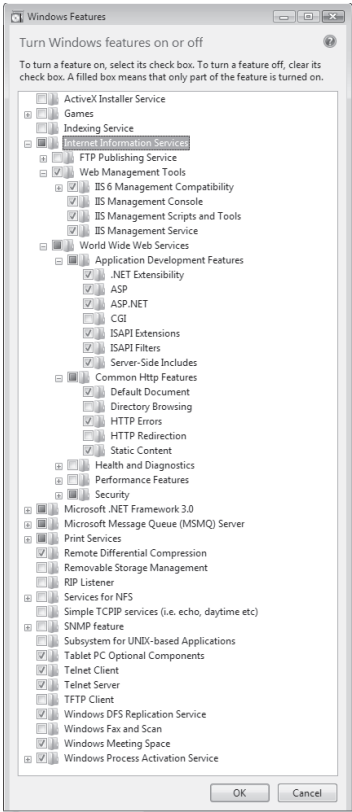


Figure 3

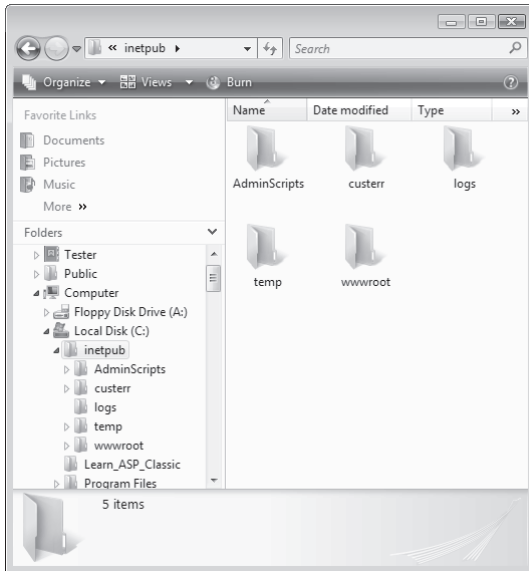


Figure 5

Part II — Creating a Virtual Directory on Windows Vista

1. Click the **Start** button and open the **Control Panel**.
2. Click on the **System and Maintenance** link, and then choose **Administrative Tools**, as shown in Figure 6.

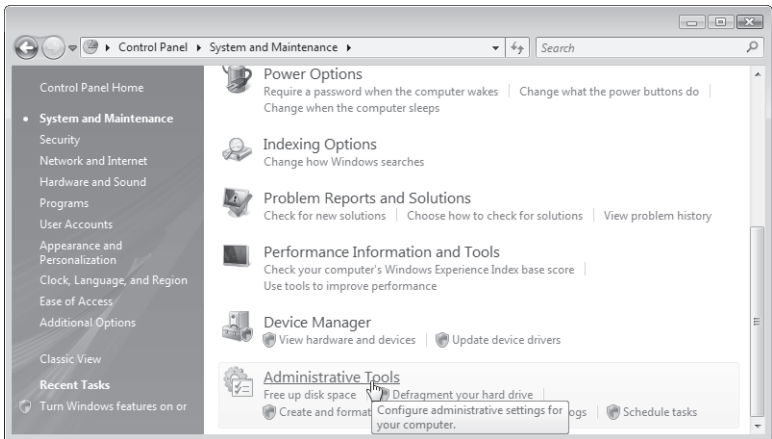


Figure 6

3. Double-click **Internet Information Services (IIS) Manager** as shown in Figure 7.

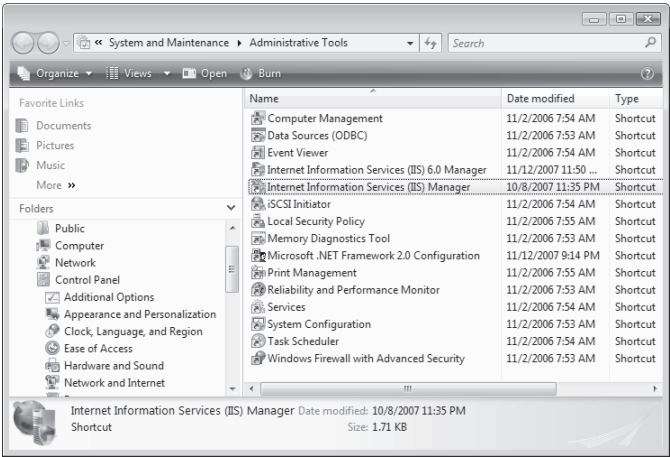


Figure 7

4. Click **Continue** in the User Account Control (UAC) window to give Windows your permission to continue.
5. Expand the tree nodes in the Connections pane on the left, right-click on **Default Web Site**, and select **Add Virtual Directory** as shown in Figure 8.

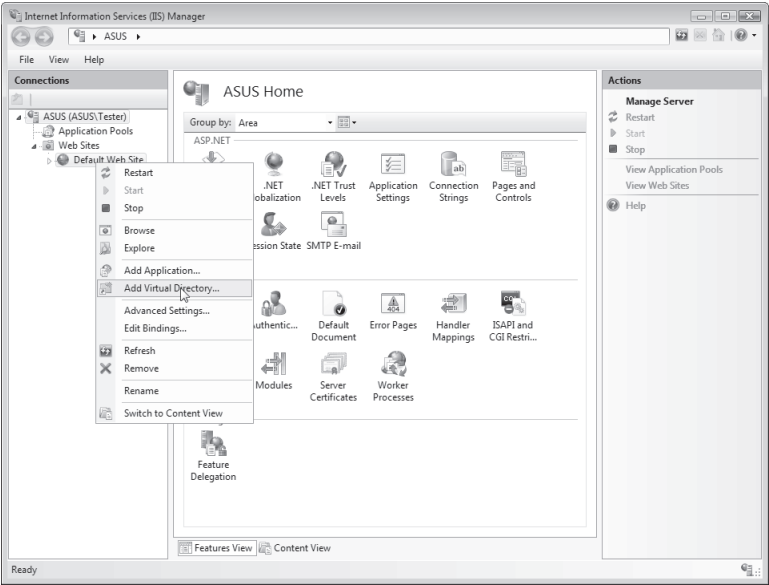



Figure 8

6. Type **NorthDB** in the Alias box as shown in Figure 9. Set the Physical path to point to the **C:\Learn_ASP_Classic** folder that you created in the book's Hands-On 28-1. You can set the path to this folder by typing its name directly in the Physical path box or by clicking on the  button.

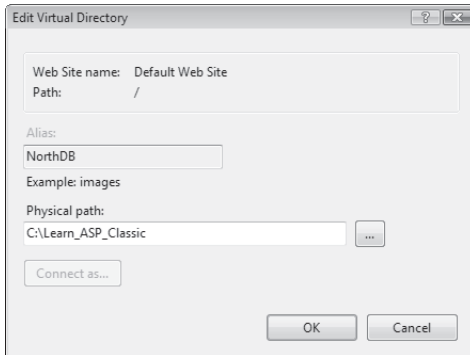


Figure 9

7. Click **OK** to save the changes.

Notice the virtual directory named NorthDB now appears under Default Web Site in the Connections pane (Figure 10). The middle section of the Internet Information Services (IIS) Manager displays the NorthDB Home.

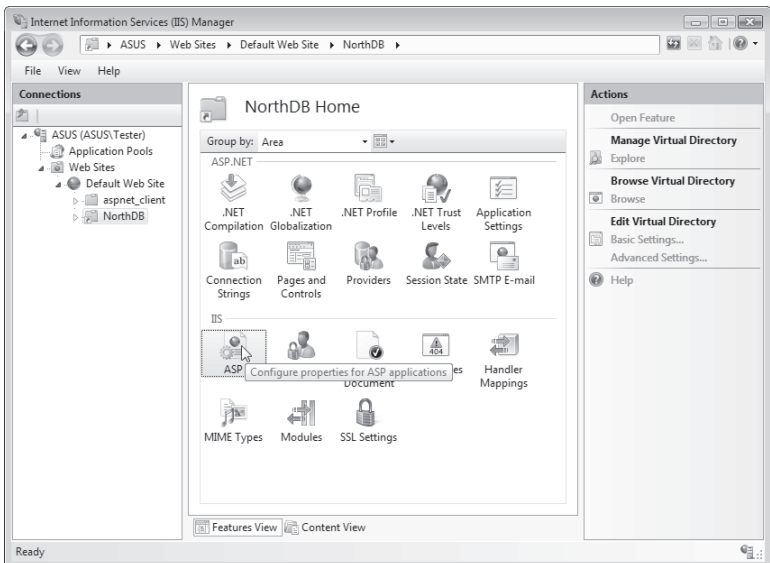


Figure 10

- 8. In the middle section under IIS, double-click **ASP**.
- 9. Expand the **Debugging Properties** tree node and set the Send Errors To Browser property to **True**, as shown in Figure 11.

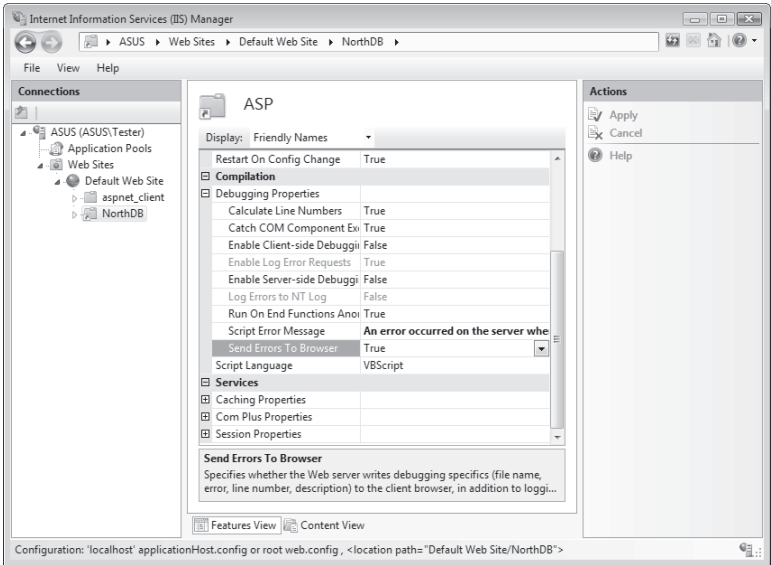


Figure 11

Note: By default, when ASP script errors are encountered, Windows Vista displays the following message:

*"An error occurred on the Server when processing the URL.
Please contact the System Administrator."*

To prevent this error, be sure to select True next to the Send Errors To Browser property.

- 10. In the **Actions** area on the right, click **Apply** to save the changes.
- When changes have been successfully saved, you should see a message in the Alerts area as shown in Figure 12.
- 11. Close the Internet Information Services (IIS) Manager window, and then close all Control Panel windows.

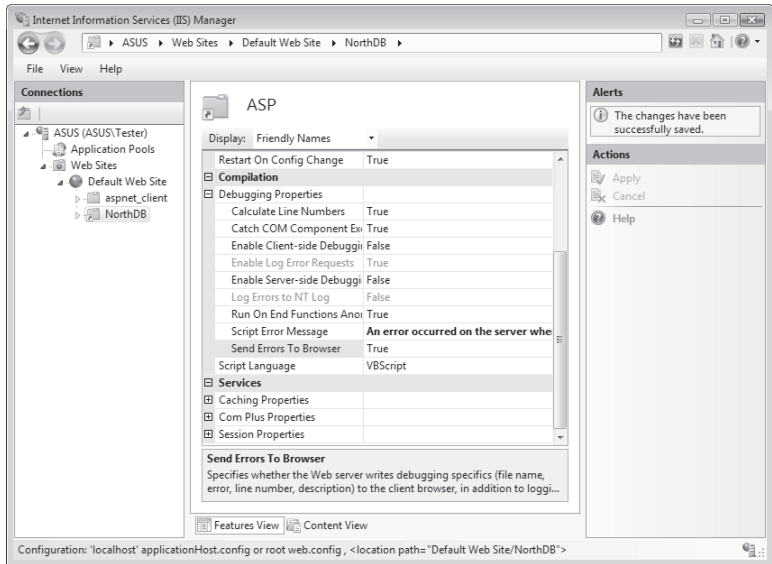


Figure 12

Part III — Setting Up the IUSR User and Permissions

1. Right-click on the **Start** button and select **Explore**.
2. In Windows Explorer, switch to the **Windows\ServiceProfiles\NetworkService** folder.
3. Click **Continue** if you get the message shown in Figure 13.

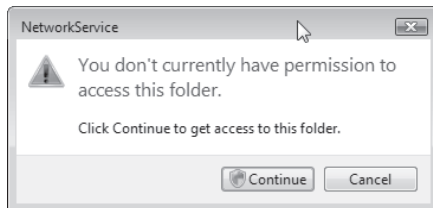


Figure 13

4. Click **Continue** if Windows displays the User Account Control window and asks your permission to continue.
5. Right-click the **NetworkService** folder and select **Properties**.
6. In the NetworkService Properties window, click the **Security** tab as shown in Figure 14.

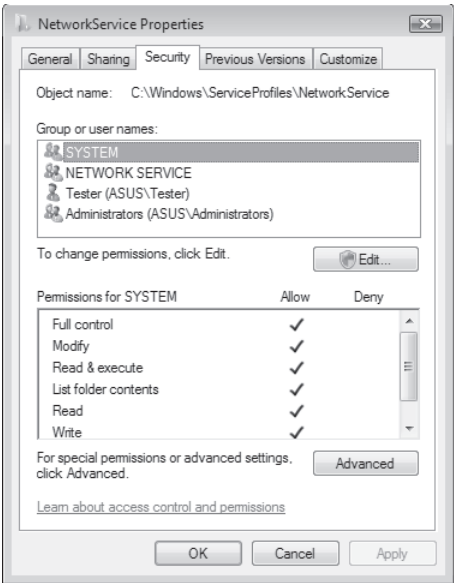


Figure 14

7. To change permissions, click the **Edit** button.
8. Click **Continue** in the User Account Control window when Windows asks your permission to continue.
9. In the Permissions for NetworkService window, click the **Add** button as shown in Figure 15.

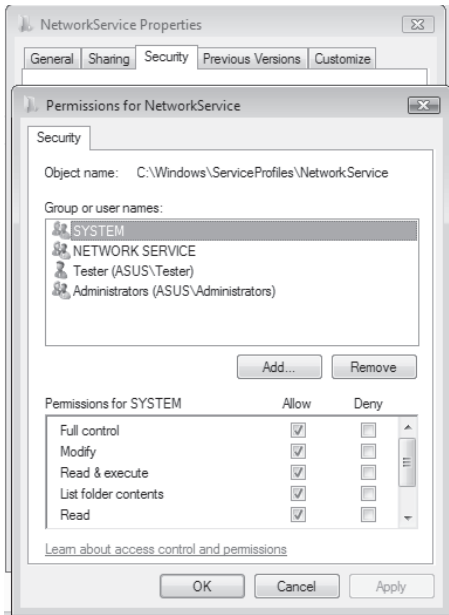


Figure 15

10. In the Select Users or Groups window, enter **IUSR** as the object name and click **OK**.

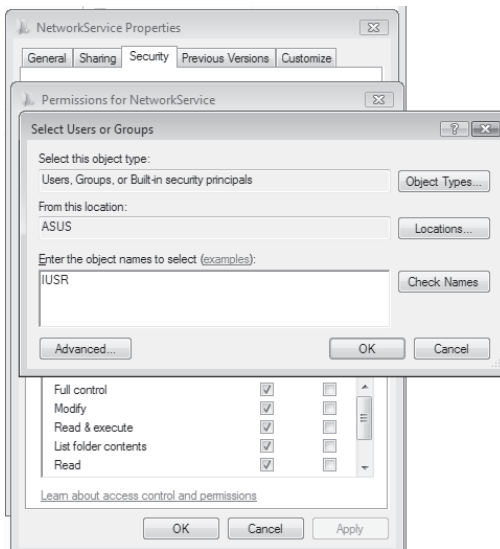


Figure 16

11. The IUSR user will now be listed in the Permissions for NetworkService window. Select **IUSR** in the Group or user names area, then check **Full control** in the Allow column of the Permissions for IUSR area (Figure 17).

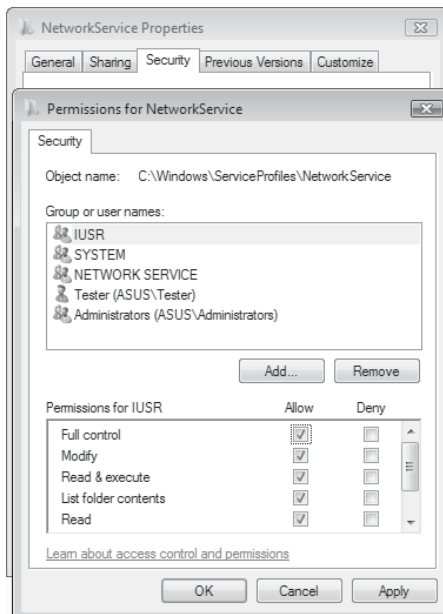


Figure 17

12. Click **OK** to save your changes and exit the Permissions for NetworkService window.
13. Click **Yes** when Windows displays the following security message.

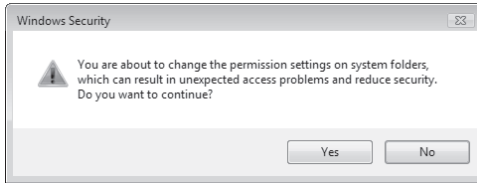


Figure 18

14. Click **OK** to exit the NetworkService Properties window.

Part IV — Turning Off Friendly HTTP Error Messages

Friendly HTTP error messages don't provide enough information for programmers to troubleshoot the ASP script errors. Use the following steps to uncheck the Show friendly HTTP error messages option so you will get more meaningful error messages that can help you solve script problems.

1. Open your Internet browser.
2. Choose **Tools | Internet Options**.
3. In the Internet Options window, click the **Advanced** tab.
4. Locate the Browsing settings and uncheck **Show friendly HTTP error messages** as shown in Figure 19.

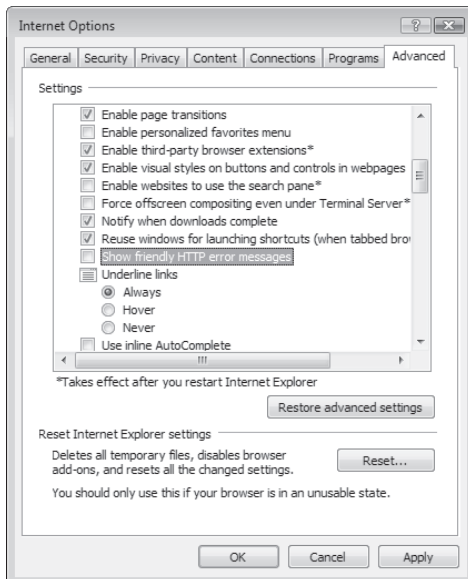


Figure 19

5. Click **OK** to save your changes and exit the Internet Options window.



Note: After completing parts I through IV, your IIS 7 is now configured to run classic ASP scripts on Windows Vista and provide you with meaningful error messages in case errors are encountered in your ASP scripts. You can now proceed to Hands-On 28-4 in the book, in which you use the browser to request an ASP page.