

LESSON 2.2

98-365 Windows Server Administration Fundamentals

Understand Web Services

Lesson Overview

In this lesson, you will learn:

- Internet Information Services (IIS) features
- IIS installation steps
- How to use IIS Manager
- File Transfer Protocol (FTP) features

Anticipatory Set

- What is a website?
- What is Microsoft®'s Web server® application called?
- By default, what port does Internet Explorer® access when browsing to a website?
- What Web protocol supports encryption?

Internet Information Services (IIS) 7.5

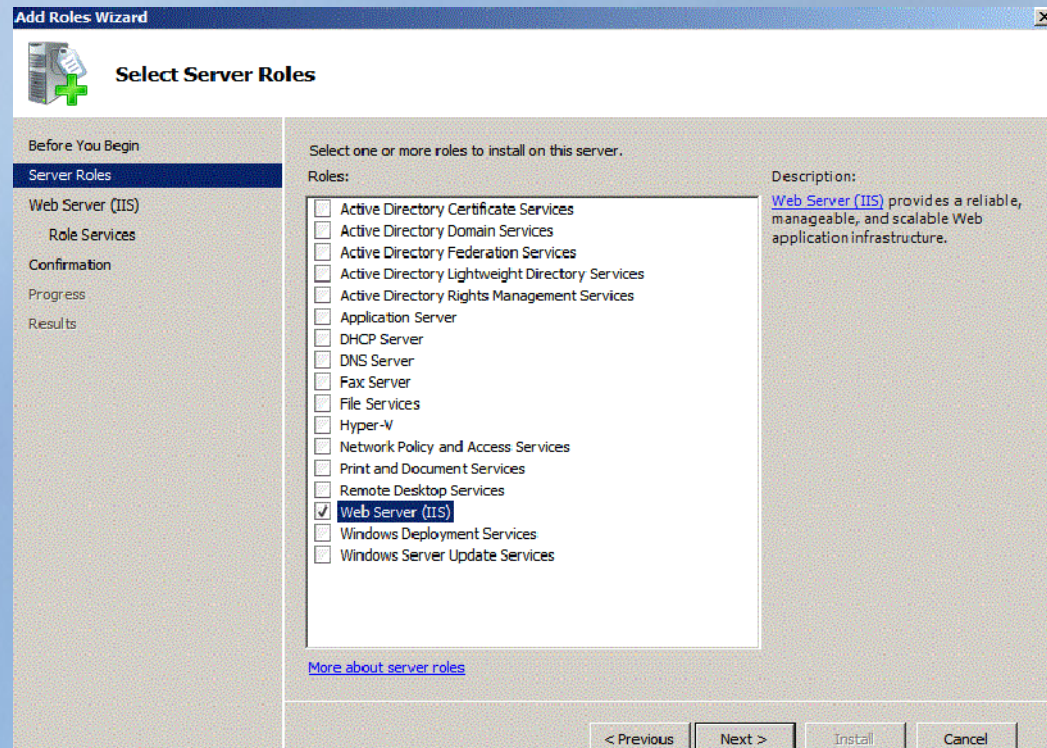
- Installed as a **role** in Windows® Server 2008® R2
 - Windows Server 2008—IIS 7.0
 - Windows Server 2008 R2—IIS 7.5
- Host site for 1 to many domains
 - Host Header Records—www.contoso.com, www.adatum.com
 - Multiple IP addresses
 - Unique port numbers
 - IIS dynamic content support has greatly improved since Windows Server 2008.
 - IIS is a dependency service for several other Windows services since Windows Server 2008.

LESSON 2.2

98-365 Windows Server Administration Fundamentals

IIS Installation

1. Add the role

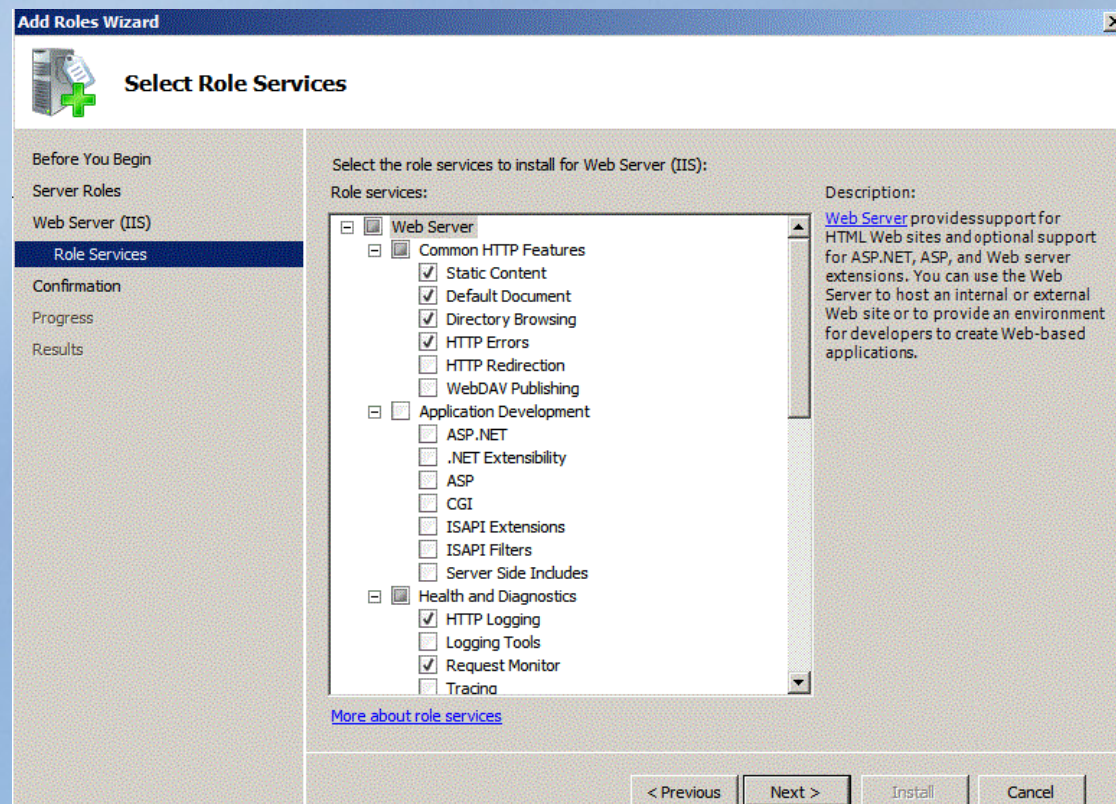


LESSON 2.2

98-365 Windows Server Administration Fundamentals

IIS Installation

2. Add role services

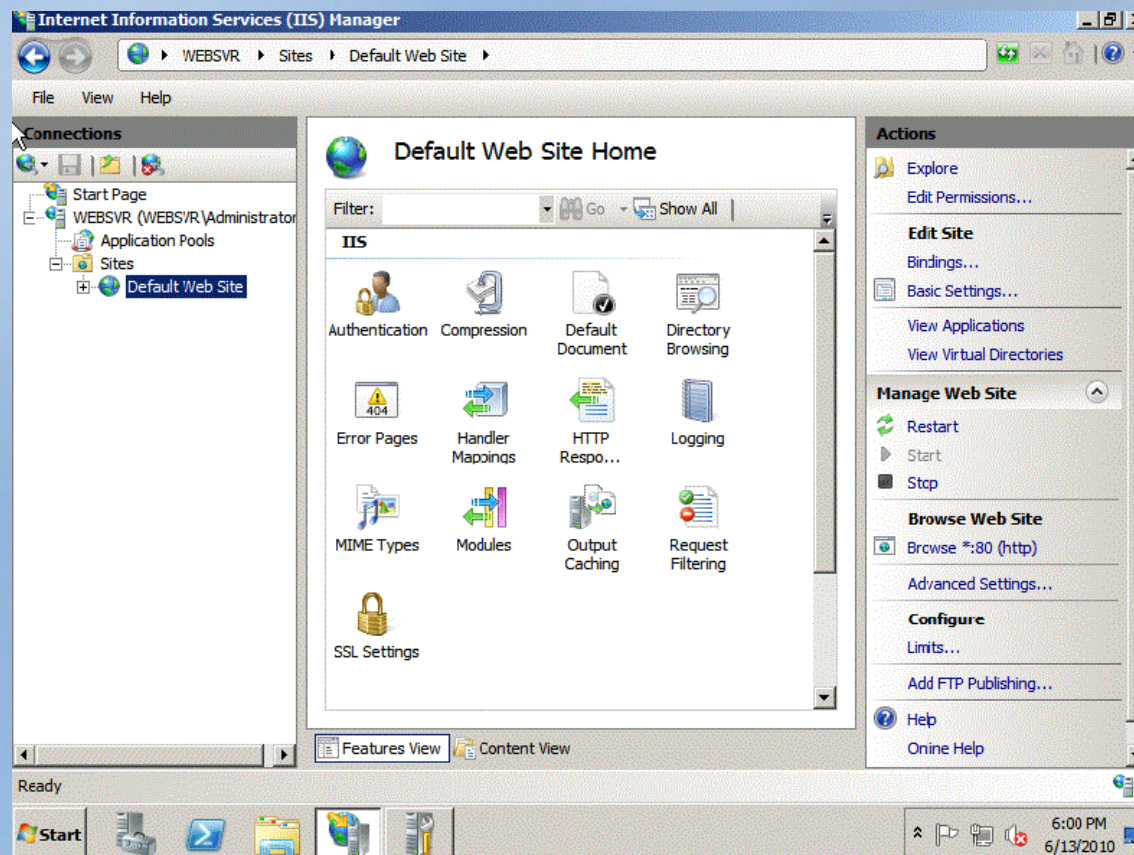


LESSON 2.2

98-365 Windows Server Administration Fundamentals

IIS Installation

3. Launch IIS Manager

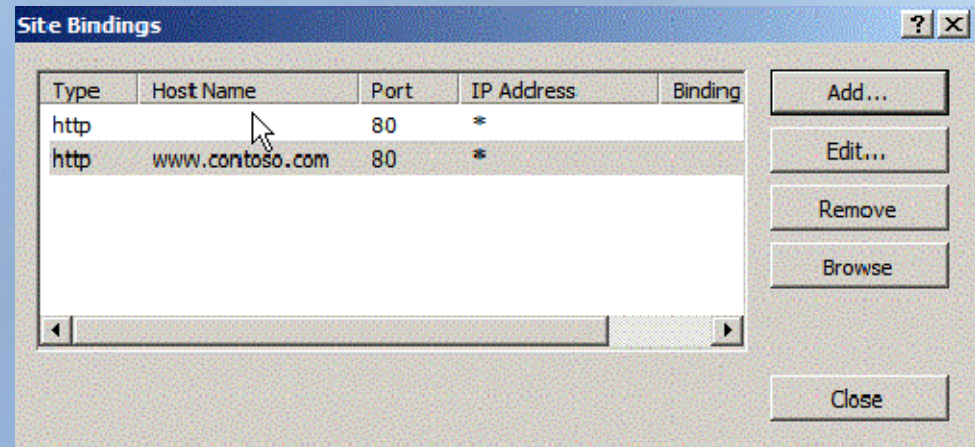
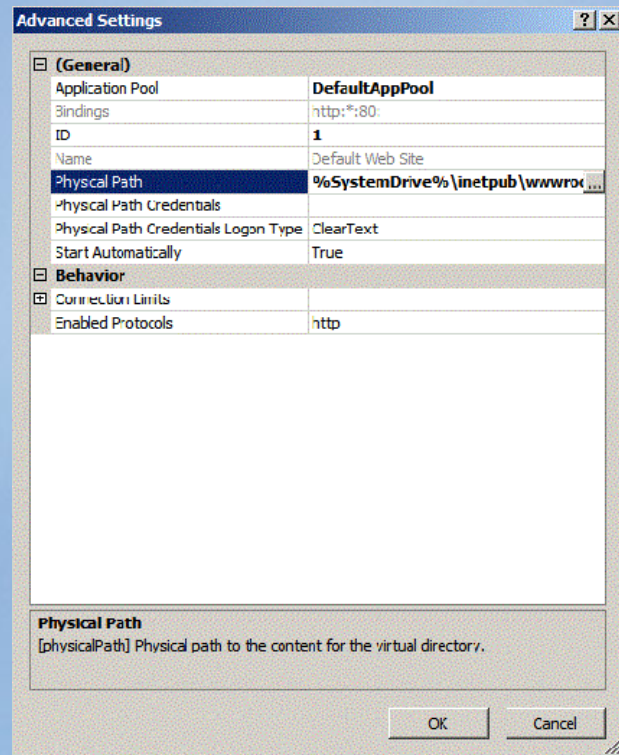


LESSON 2.2

98-365 Windows Server Administration Fundamentals

IIS Manager

Advanced Settings and Bindings screens



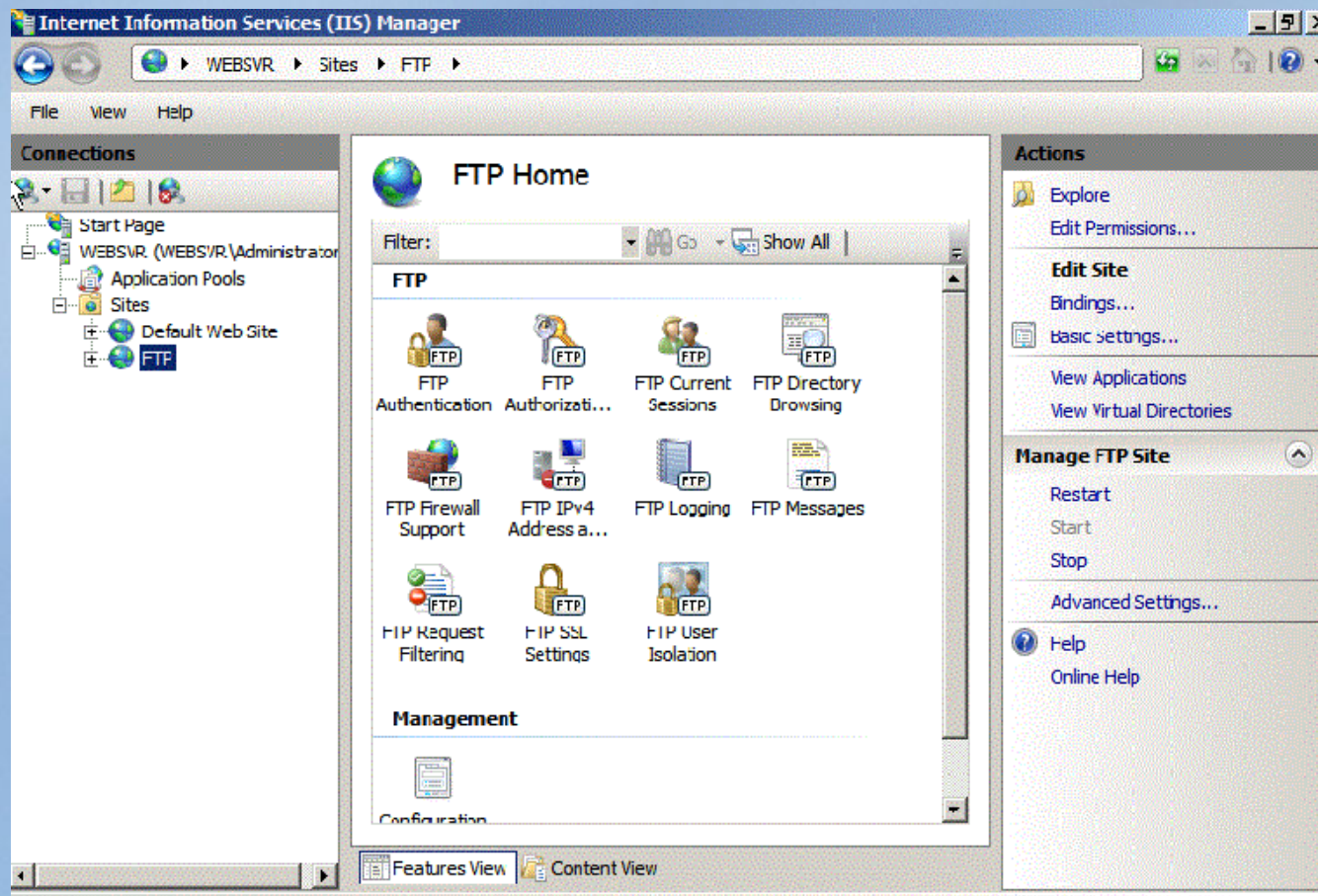
File Transfer Protocol Service (FTP)

- Communicates on port 21
- Microsoft has rewritten its FTP service for Windows Server 2008, which incorporates many new features that enable Web authors to publish content more easily.
- Tightly integrated with IIS 7.x and has the XML-based *.config format
- Now supports FTP over SSL and IPv6
- Can host FTP and Web content from the same site
- Virtual host name support

LESSON 2.2

98-365 Windows Server Administration Fundamentals

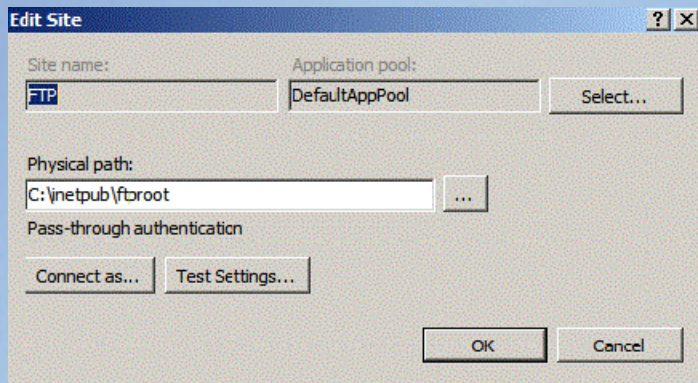
File Transfer Protocol Service (FTP)



LESSON 2.2

98-365 Windows Server Administration Fundamentals

File Transfer Protocol Service (FTP)

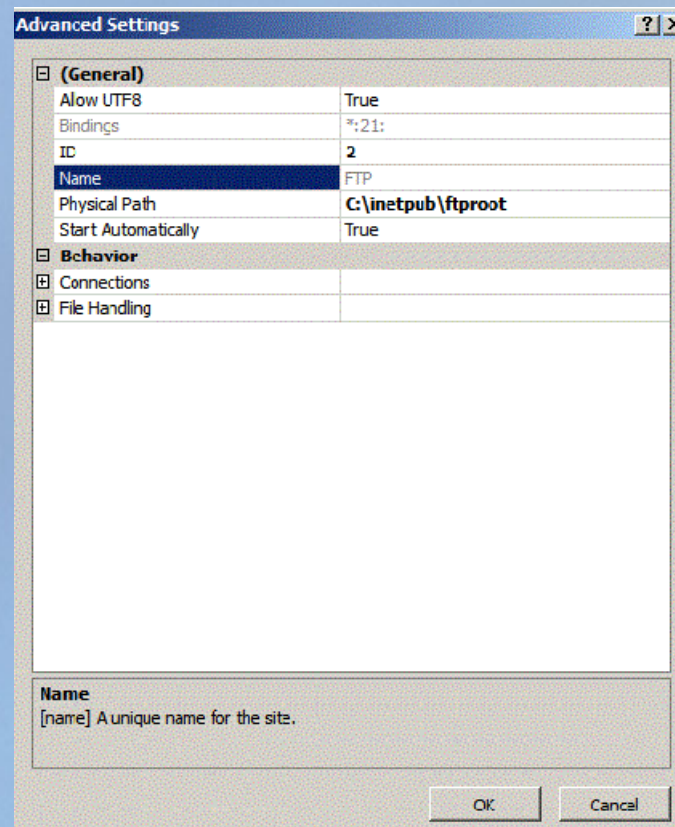


The **Edit Site** dialog box is used to configure the basic settings for an IIS site. It includes fields for the site name, application pool, physical path, and pass-through authentication. The **FTP** site is selected, with the **DefaultAppPool** application pool and the physical path **C:\inetpub\ftproot**.

Site name: Application pool:

Physical path:

Pass-through authentication ☐



The **Advanced Settings** dialog box allows for more detailed configuration of the site. It includes sections for **General** and **Behavior**. The **General** section shows the site name as **FTP** and the physical path as **C:\inetpub\ftproot**. The **Behavior** section includes checkboxes for **Connections** and **File Handling**.

Advanced Settings

(General)

Allow UTF8	True
Bindings	*:21:
ID	2
Name	FTP
Physical Path	C:\inetpub\ftproot
Start Automatically	True

Behavior

<input checked="" type="checkbox"/> Connections	
<input checked="" type="checkbox"/> File Handling	

Name
[name] A unique name for the site.

Lesson Review

- What is the default port for http?
- What is the default port for https?
- What is the default port for FTP?
- Explain what FTP-User Isolation mode is.