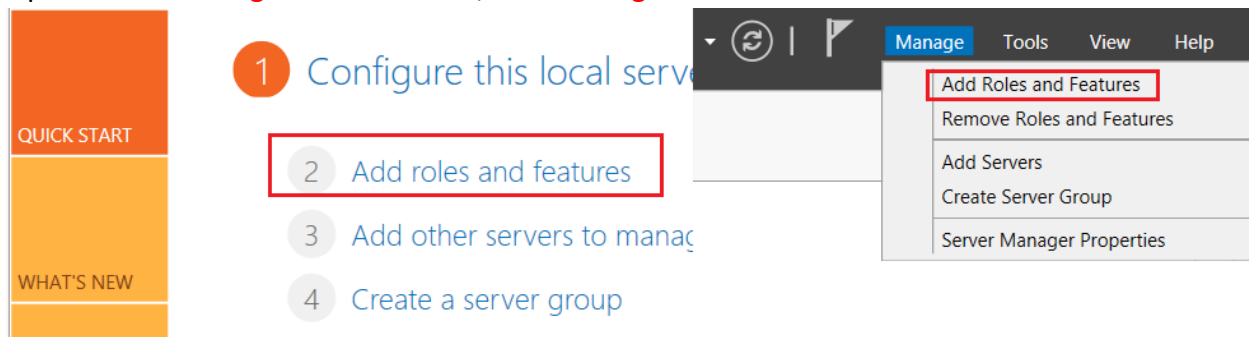
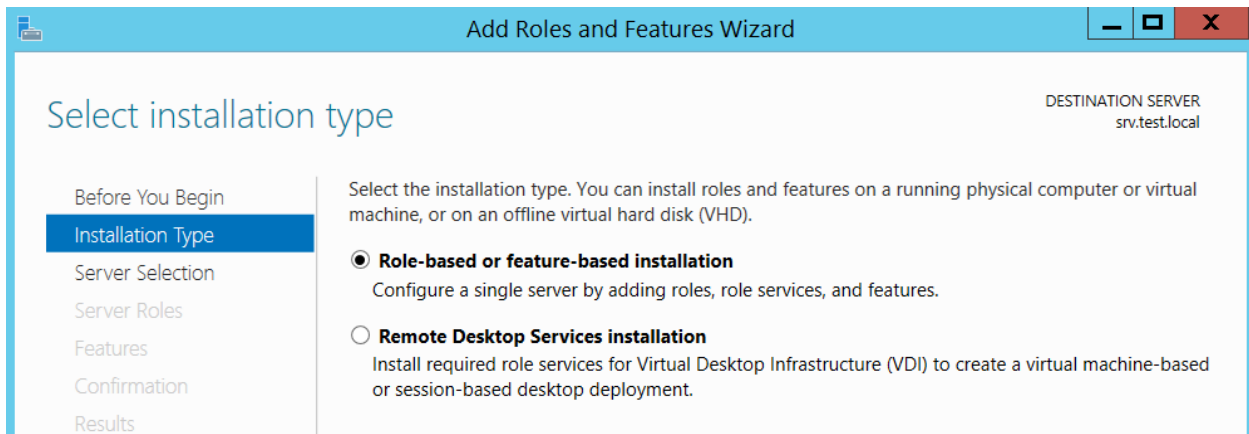


FTP Server in Windows 2012:

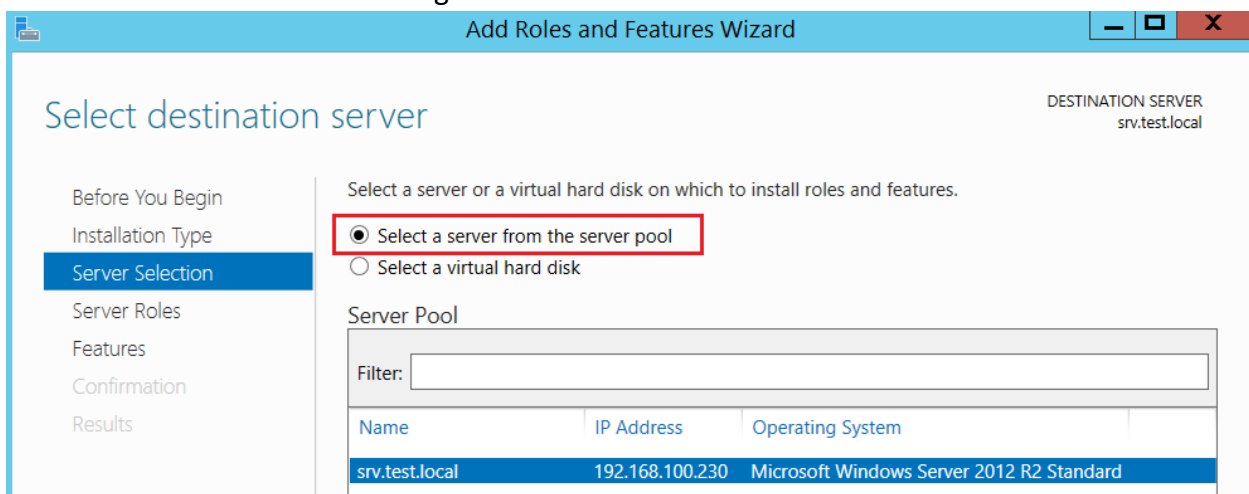
First, install FTP server role. In Server 2012, install FTP server role under the IIS server role. Open **Server Manager**. On the menu, click **Manage** and click **Add Roles and Features**.



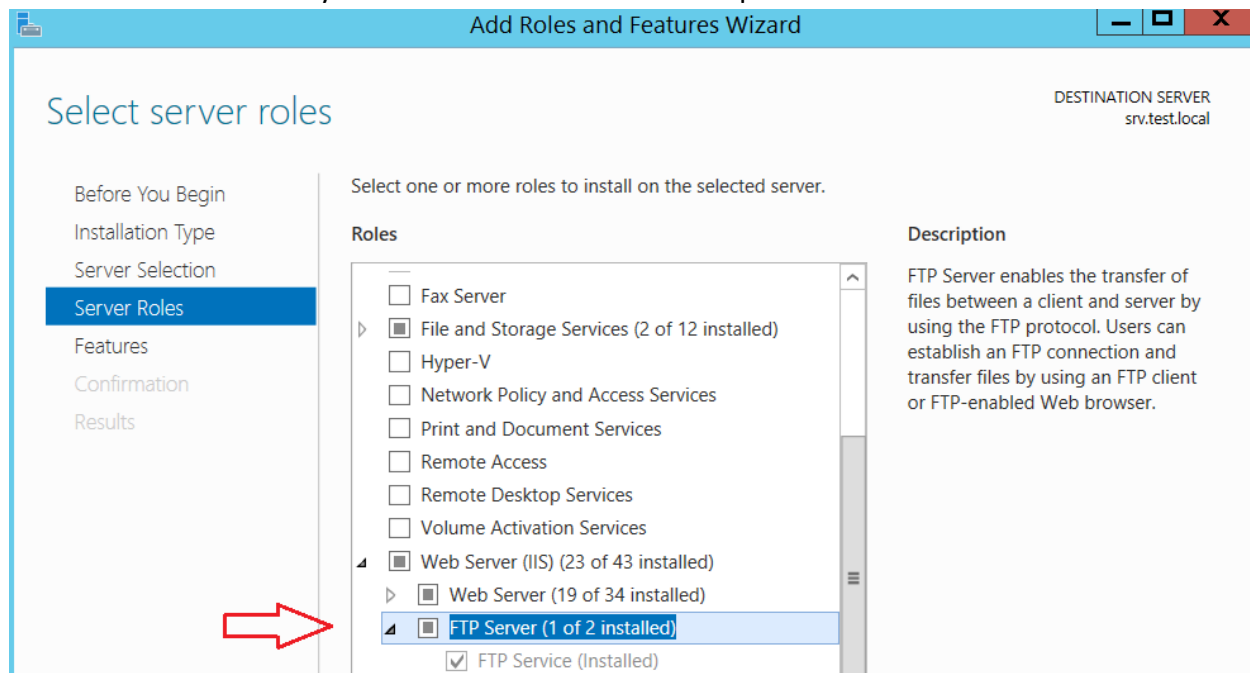
Click **Next** on **Before You Begin** window. Click **Role-based or feature based installation** and click **Next**.



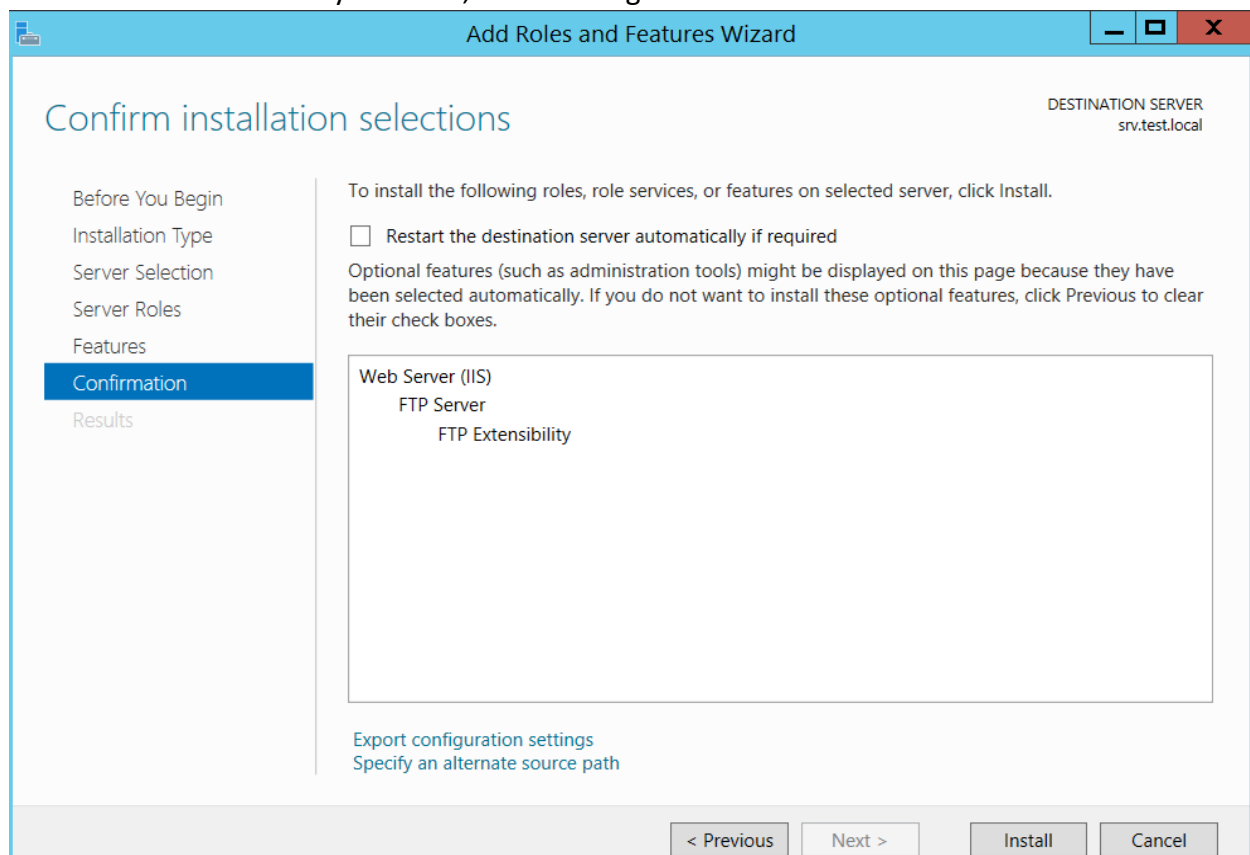
Select the server and click **Next** again.



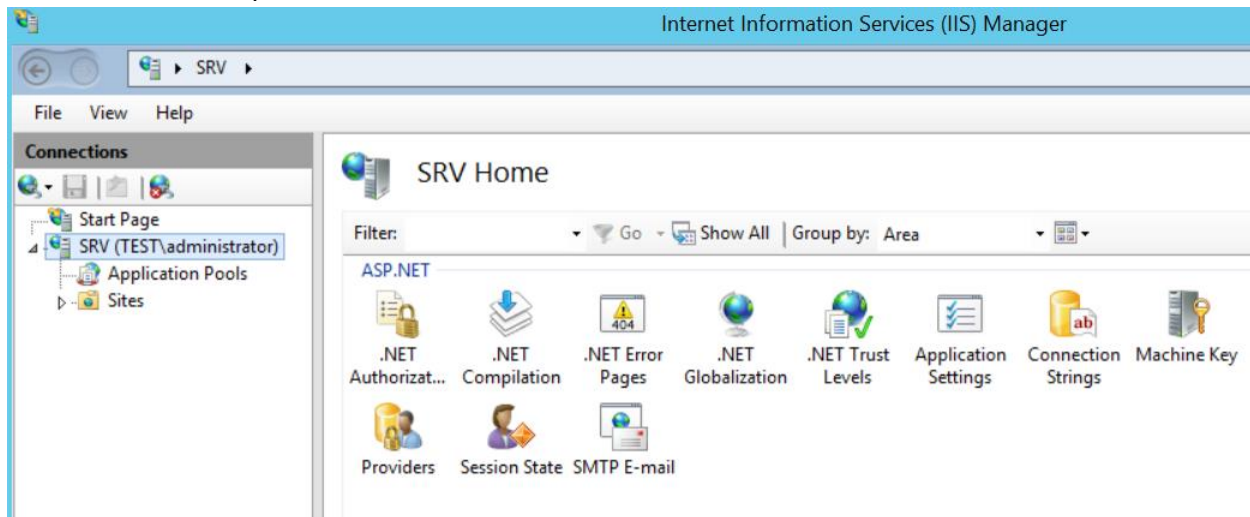
Now, expand the **web server (IIS) role**. Select the **FTP** server and click **Next**. Please note you have to install IIS role if you do not see FTP Server role option.



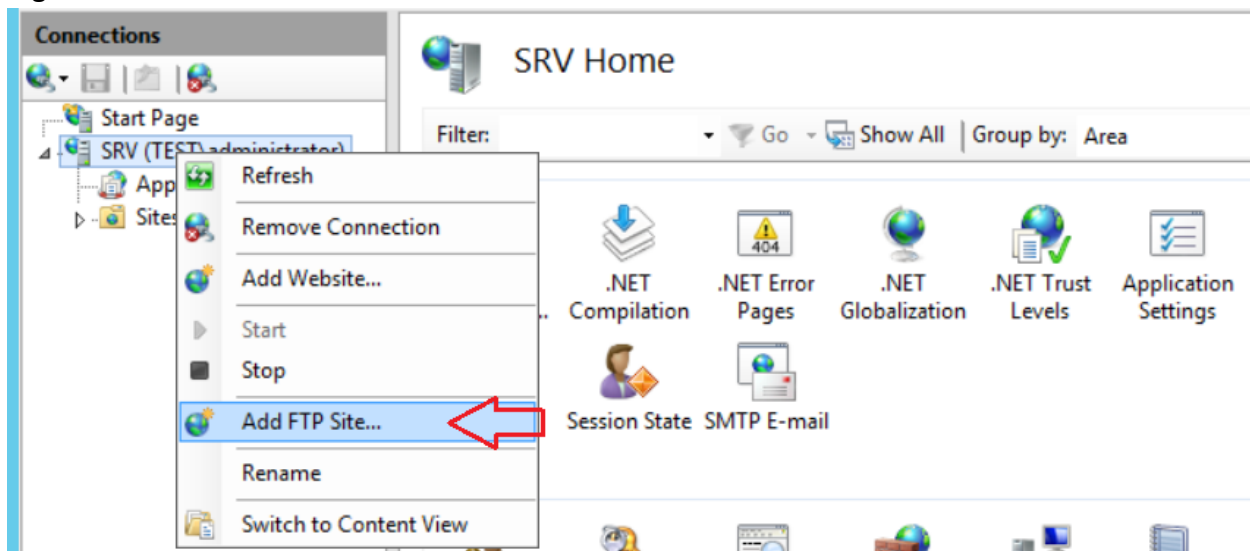
We don't need to add any features, click **Next** again. Click **Finish** on the Confirmation window.



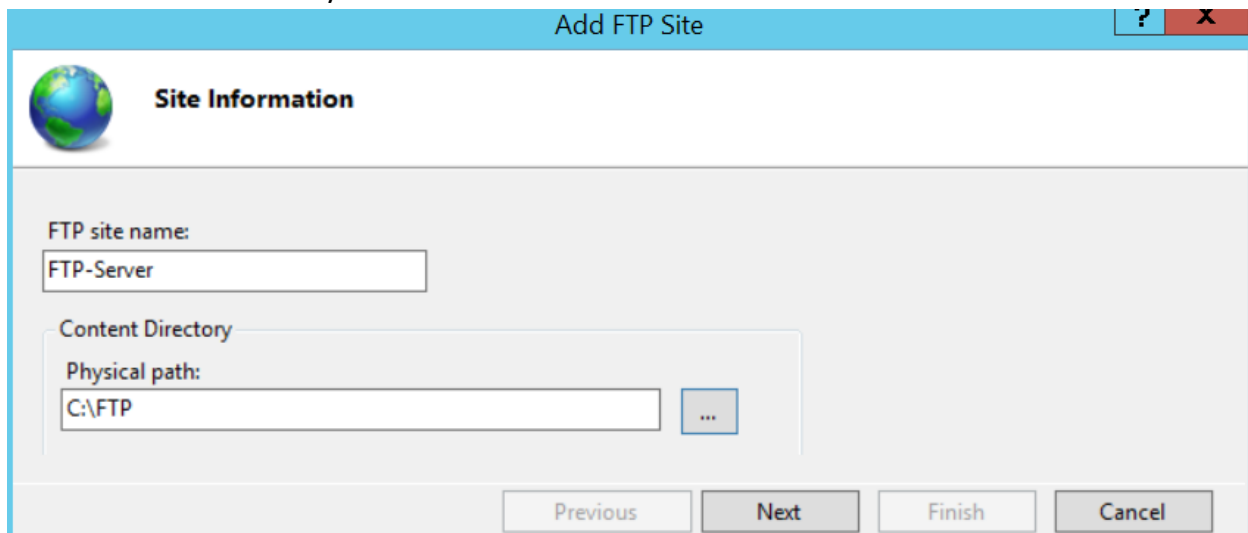
After installing **FTP server** role, open the **Internet Information Services (IIS)** console. Connect to the local server. Expand the local server.



Right-click the sites and click **Add FTP Site**.

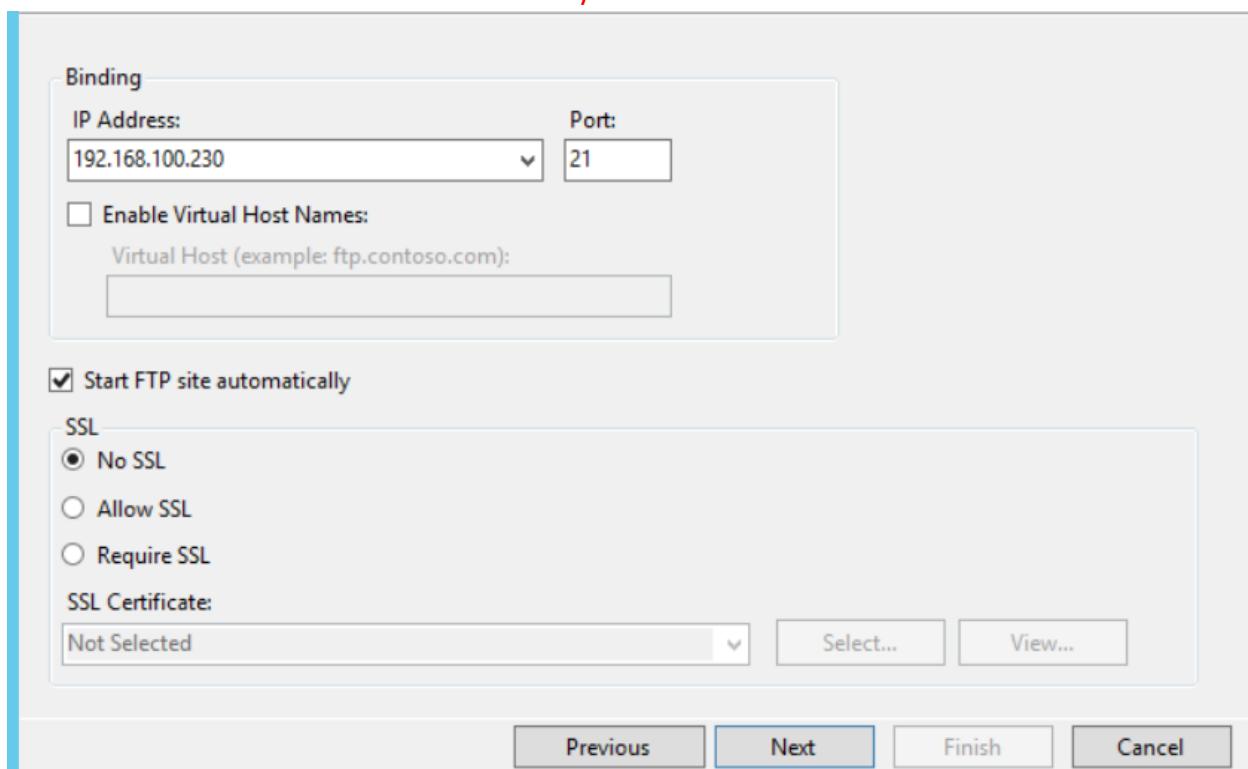


Now type the name for the FTP site. Configure the folder where the files will be stored. Create some files in the folder for test purpose. I will create a file and a folder. These files will be accessed via **FTP client** by users. Now click **Next**.



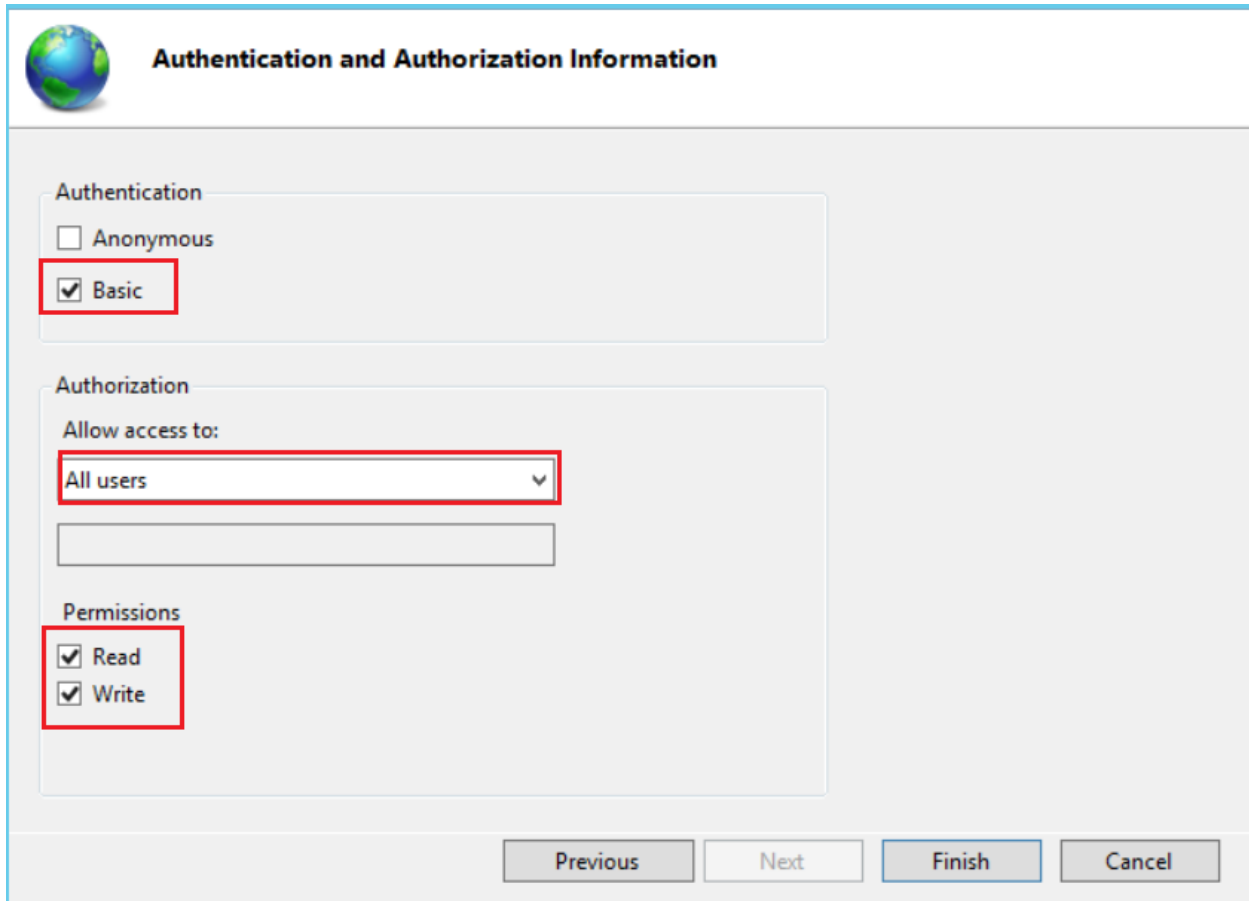
The screenshot shows the 'Add FTP Site' wizard window. The title bar says 'Add FTP Site'. The main window has a globe icon and the title 'Site Information'. Below this, there are two text input fields. The first is labeled 'FTP site name:' and contains the text 'FTP-Server'. The second is labeled 'Content Directory' and contains the text 'C:\FTP'. To the right of the 'Content Directory' field is a small button with three dots. At the bottom of the window, there are four buttons: 'Previous', 'Next', 'Finish', and 'Cancel'.

Configure the IP address of this server. The IP address must match the address configured in the network adapter of this server. This IP address will be used by client to access the FTP server. Check the **start FTP site automatically**. Choose **No SSL** and click **Next**.



The screenshot shows the 'Add FTP Site' wizard window, specifically the 'Binding' and 'SSL' sections. The 'Binding' section has two text input fields: 'IP Address:' with the value '192.168.100.230' and 'Port:' with the value '21'. Below these is a checkbox labeled 'Enable Virtual Host Names:' which is unchecked. Underneath the checkbox is a text input field labeled 'Virtual Host (example: ftp.contoso.com):'. The 'SSL' section has a checkbox labeled 'Start FTP site automatically' which is checked. Below this are three radio buttons: 'No SSL' (selected), 'Allow SSL', and 'Require SSL'. At the bottom of the 'SSL' section is a text input field labeled 'SSL Certificate:' with the value 'Not Selected'. To the right of this field are two buttons: 'Select...' and 'View...'. At the bottom of the window, there are four buttons: 'Previous', 'Next', 'Finish', and 'Cancel'.

Choose **Basic** for authentication. Basic authentication doesn't use encryption mechanism so username/password are sent in clear text. By default, basic authentication matches username/password from Active Directory database or you can create user accounts in IIS. You can create users in IIS after installing Management Server under Management Tools which is in Web Server (IIS) role. Under **authorization**, select **all users** to allow FTP access to all users of the domain. Check both **read** and **write** under **permissions**.



Authentication and Authorization Information

Authentication

☐ Anonymous

☒ Basic

Authorization

Allow access to:

All users

Permissions

☒ Read

☒ Write

Previous Next Finish Cancel

Now browse FTP server from the client machine. Type the IP address on the browser as **ftp://192.168.100.230/**.

