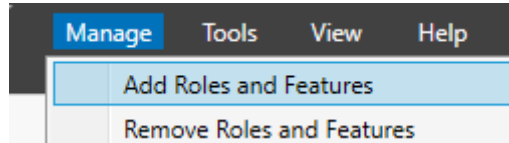




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In this lecture we are going to create a DHCP server by installing the DHCP server role on our ITFDC01 server. To install DHCP on your server open server manager and select Manage > Add Roles and Features.



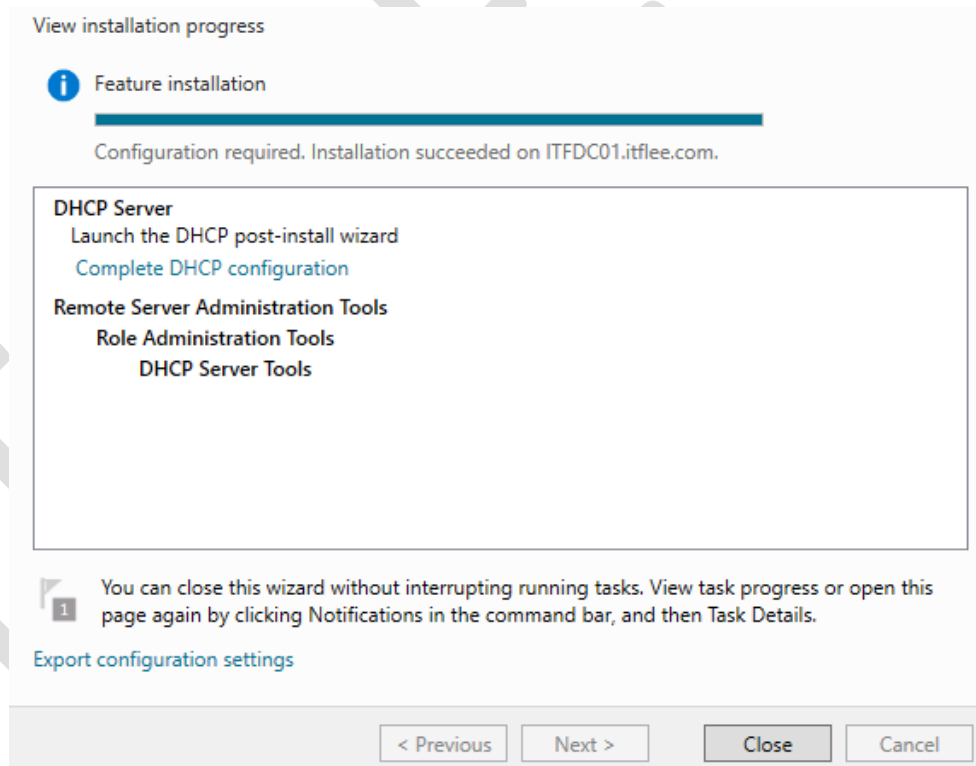
Continue through to prompts until you get to the Server Roles. Check the DHCP Server checkbox.



You will be prompted to add the features that are required by the DHCP server role. Click the Add Features button to continue.

Add Features

Click next until you get to the confirmation window and click "Install". The installation will begin and we just need to wait for it to finish. Once the installation completes click the "Complete DHCP configuration" text or if you already closed the installation window click the notification button at the top of the screen and select the notification for DHCP.



The DHCP Post-Install configuration wizard will appear. The first window tells us that we will need to create the DHCP Administrators and DHCP Users security groups and authorize the DHCP server.



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Description	The following steps will be performed to complete the configuration of the DHCP Server on the target computer:
Authorization	
Summary	Create the following security groups for delegation of DHCP Server Administration. <ul style="list-style-type: none">- DHCP Administrators- DHCP Users Authorize DHCP server on target computer (if domain joined).

The next screen we will be presented with is the Authorization screen.

Description	
Authorization	<p><input checked="" type="radio"/> Use the following user's credentials</p> <p>User Name: <input type="text" value="ITFLEE\Administrator"/></p> <p><input type="radio"/> Use alternate credentials</p> <p>UserName: <input type="text"/> <input type="button" value="Specify..."/></p> <p><input type="radio"/> Skip AD authorization</p>
Summary	

We need to specify a domain user account that has domain administrative permissions. By default, it specifies the account Administrator. We know that this Administrator account is a domain account because it is prefixed by our domain NetBIOS name ITFLEE and a backslash (ITFLEE\...).

This account is suitable for the task required so click on Commit to continue.

Next you will be brought to the Summary page where you can see the two tasks that are being completed.

Description	The status of the post install configuration steps are indicated below:
Authorization	
Summary	<div><p>Creating security groups Done</p><p>Please restart the DHCP server service on the target computer for the security groups to be effective.</p><p>Authorizing DHCP server Done</p></div>

The tasks have now been completed so we can close out of the DHCP windows.

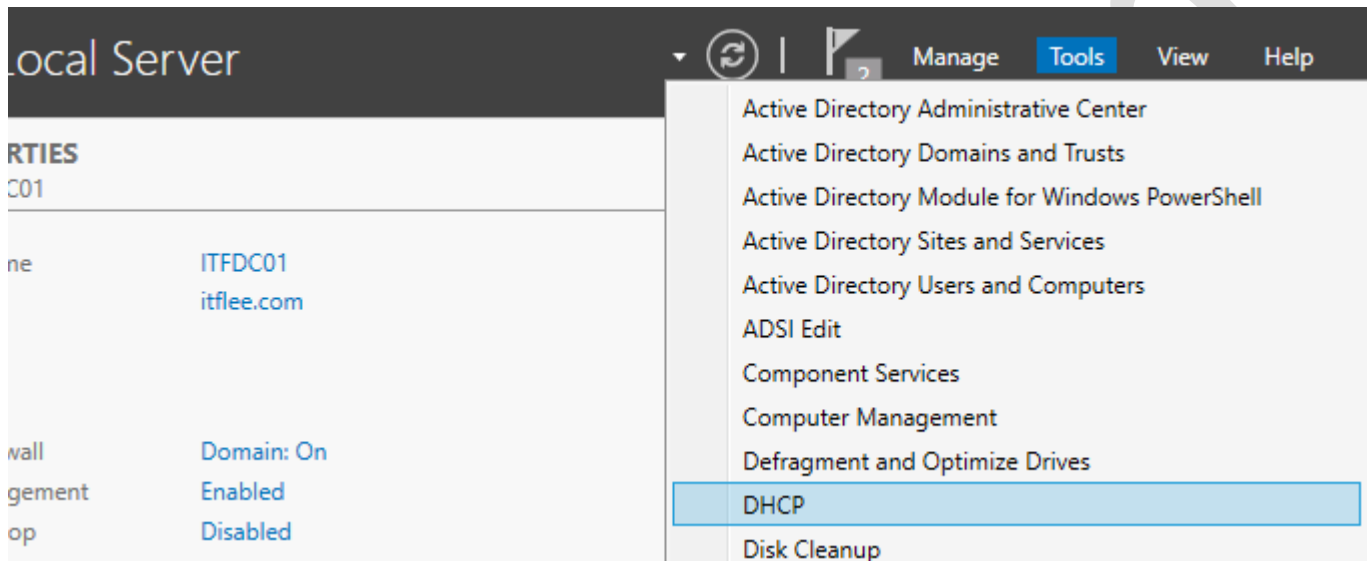
Now you will notice in the left side of the screen we have a new DHCP tab.



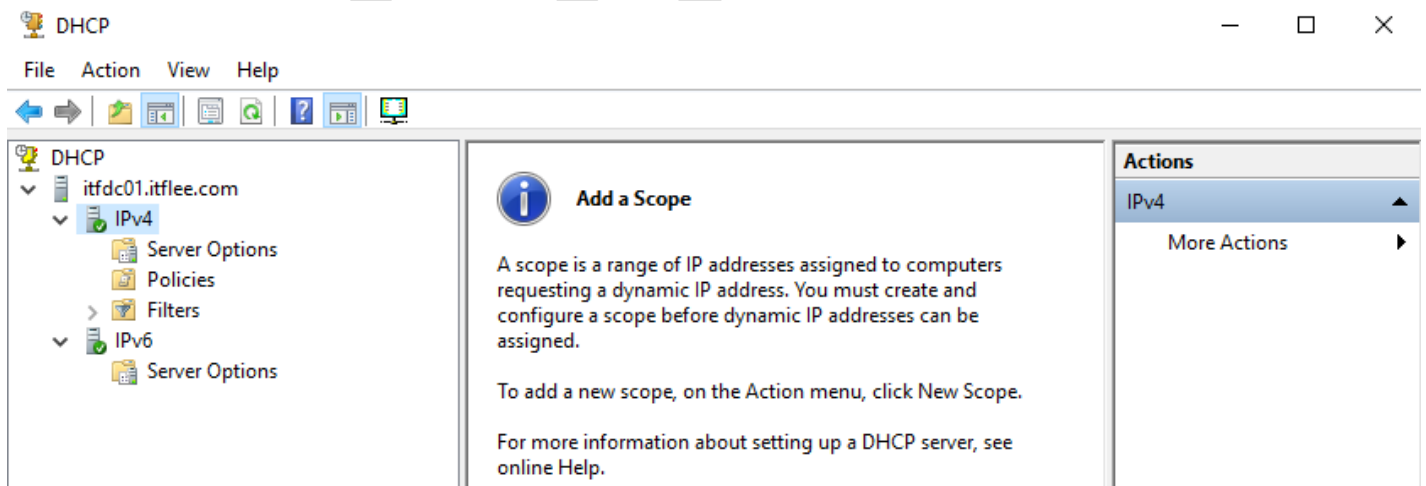
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We can click on this tab and view information related to DHCP such as Events, Services, and more. To open the DHCP management console, click on Tools > DHCP within Server Manager.



The DHCP management console will appear and we can see our Server listed along with its IPv4 and IPv6 settings. In this course we will be dealing with IPv4 because it is by far the most commonly used protocol.



Right now our DHCP server still is not fully functioning because we need to define a scope for DHCP to use. We will do that in following lectures. Great job getting the server role DHCP install and I will see you in the next lecture!