

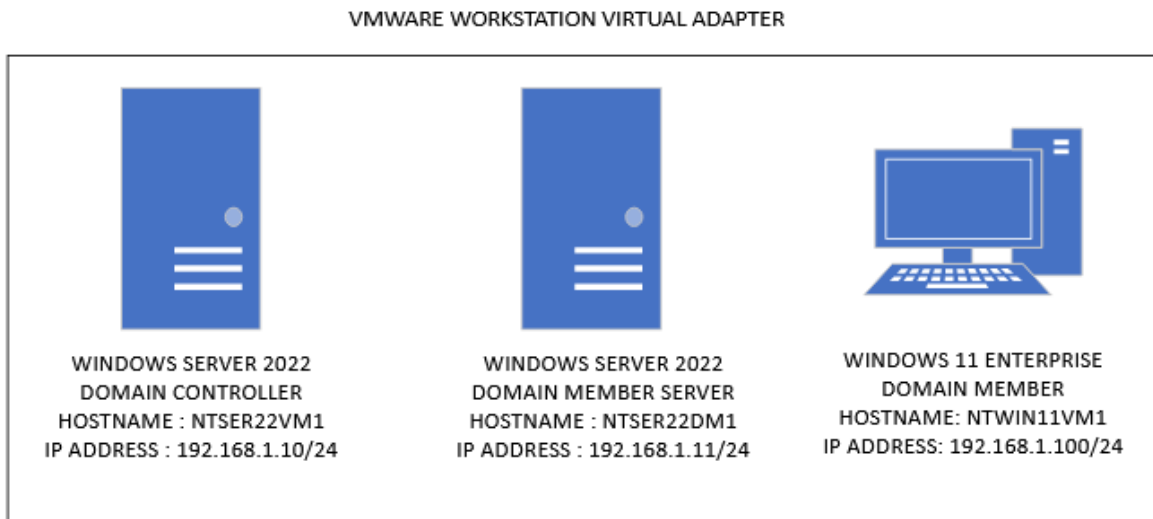
Exercise 1 - Manage Certificate Templates

Certificate Templates, like any other template, specify the structure of a particular certificate. You can create a certificate template in the CA interface and use it to distribute specific types of certificates to clients. Several templates are installed by default. available. For example, a template for producing Web server certificates is offered. Another template for implementing an Encrypting File System is available (EFS).

In this exercise,

1. Install AD Certificate Services and its required components and later customize the certificate template properties.

Topology



DOMAIN = networktute.com

NTSER22VM1 = Windows Server 2022 – Domain Controller

NTSER22DM1 = Windows Server 2022 – Domain Member Server

NTWIN11VM1 = Windows 11 – Domain Member

Prerequisite

- *VMware Workstation 16 Pro*
 - When making this tutorial, we used the “Windows Server 2019” VM Template and “Windows 10 & later” VM Template. Since VMware didn’t have the updated templates.

- *Microsoft Windows Server 2022*
- *Microsoft Windows 11*

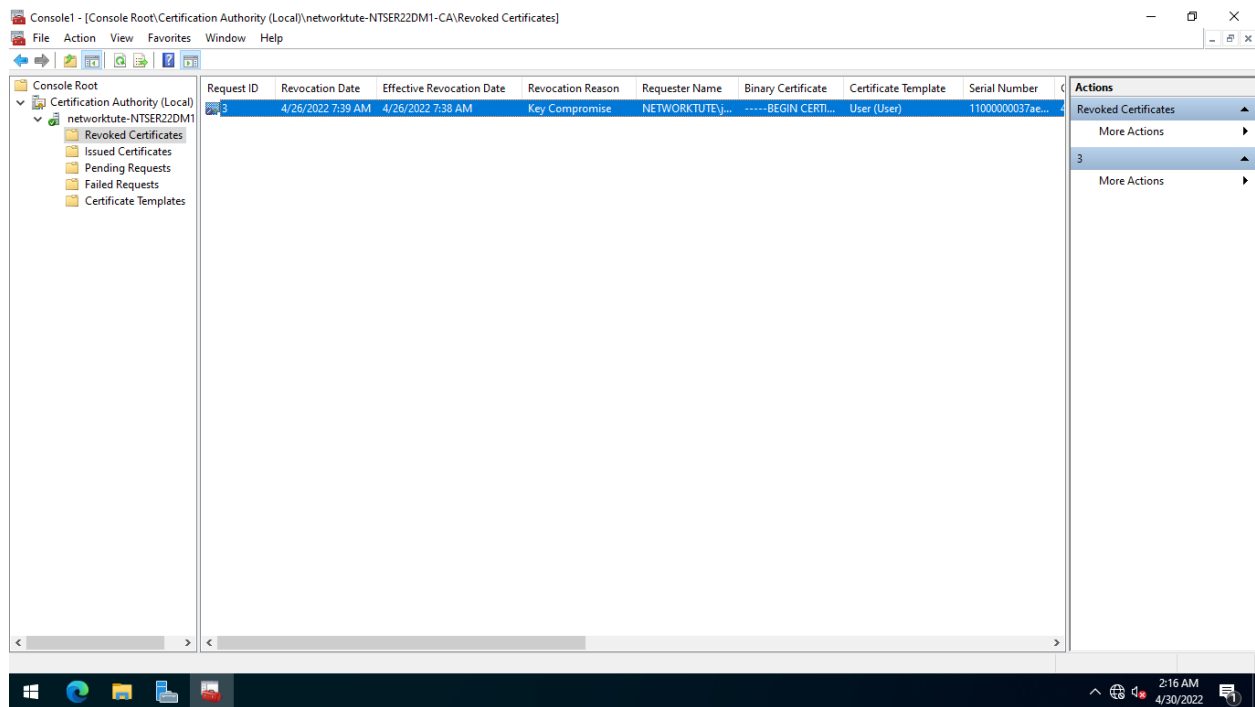
Task 1: View the Certificate Templates

In the Certification Authority window, the certificate templates are listed in the Certificate Templates node under the CA. You will look at the certificate templates that are included by default in this task. Follow these steps to accomplish this:

Step 1:

Connect to **NTSER22DM1**

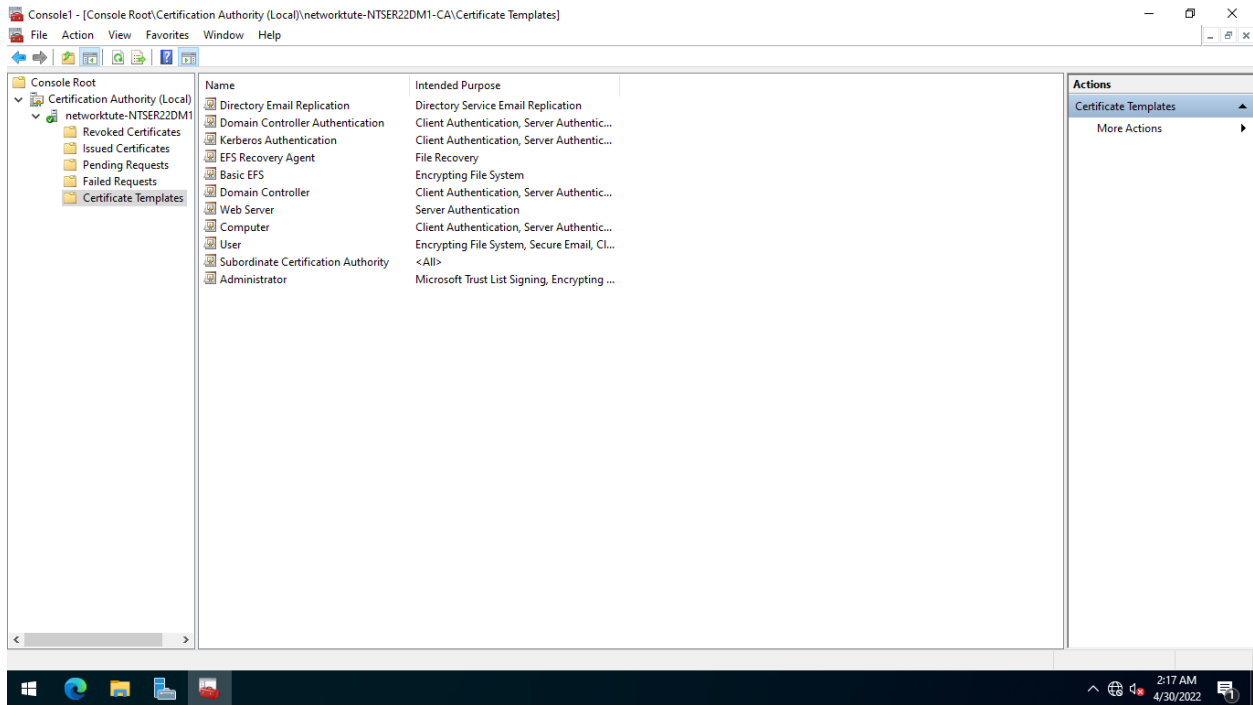
Ensure that you are on the **certsrv - [Certification Authority (Local)]** window.



Step 2:

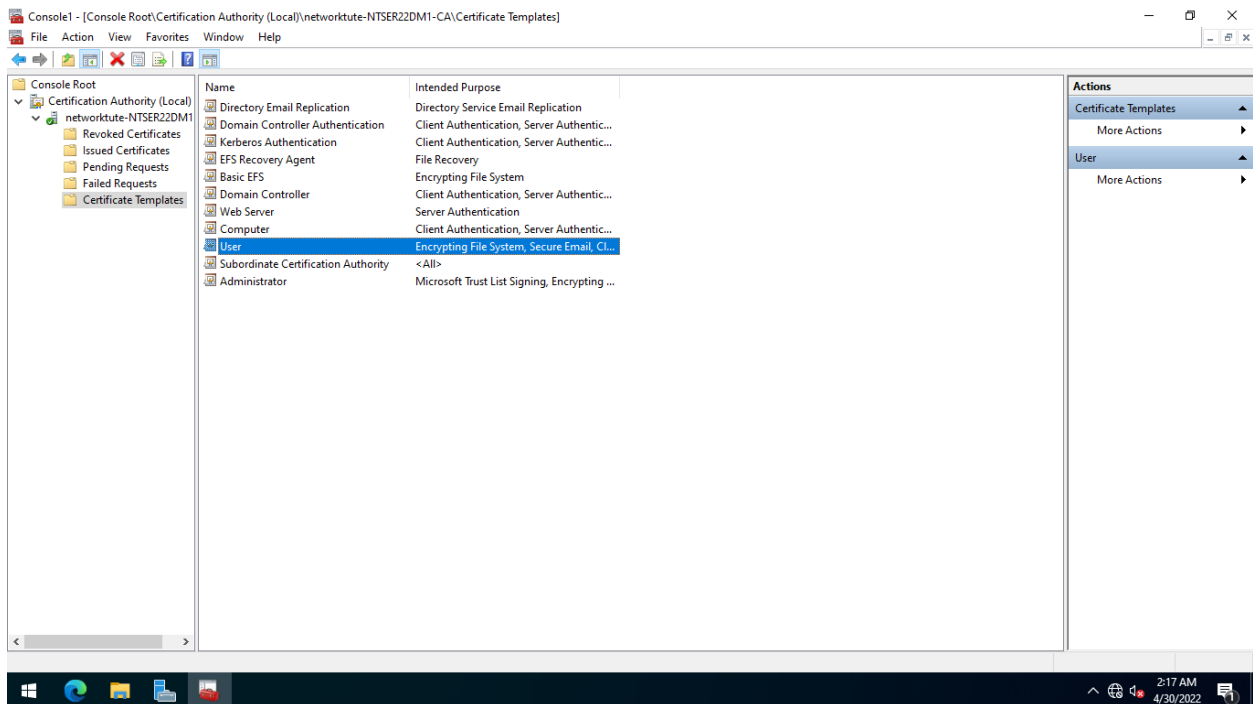
Click the **Certificate Templates** folder.

The details pane of the **Certificates Template** folder at the right indicates the type of certificates issued by **NTSER22DM1**



Step 3:

In the right pane, double-click the **User** template.



Step 4:

This brings up the **User Properties** dialog box. The purposes indicated in the **Certificate Purposes** section are worth noting. The User template certificate can be used to encrypt the file system, protect email, and handle client authentication.

