### **Setting Up a Certification Authority.**

1. Open Server Manager,click **Add Roles**, click **Next**,and click **Active Directory Certificate Services**. Click **Next** two times.
2. On the **Select Role Services** page, click **Certification Authority**. Click **Next**.
3. On the **Specify Setup Type** page, click **Enterprise**. Click **Next**.
4. On the **Specify CA Type** page, click **Root CA**. Click **Next**.
5. For more information, see [Types of Certification Authorities](https://technet.microsoft.com/en-us/library/cc732368(v=ws.11).aspx).
6. On the **Set Up Private Key** page, click **Create a new private key**. Click **Next**.
7. On the **Configure Cryptography** page, select a cryptographic service provider, key length, and hash algorithm. Click **Next**.
8. For more information, see [Cryptographic Options for CAs](https://technet.microsoft.com/en-us/library/cc731828(v=ws.11).aspx).
9. On the **Configure CA Name** page, create a unique name to identify the CA. Click **Next**.
10. For more information, see [Certification Authority Naming](https://technet.microsoft.com/en-us/library/cc770402(v=ws.11).aspx).
11. On the **Set Validity Period** page, specify the number of years or months that the root CA certificate will be valid. Click **Next**.
12. On the **Configure Certificate Database** page, accept the default locations unless you want to specify a custom location for the certificate database and certificate database log. Click **Next**.
13. For more information, see [Certificates Database](https://technet.microsoft.com/en-us/library/cc770463(v=ws.11).aspx).
14. On the **Confirm Installation Options** page, review all of the configuration settings that you have selected. If you want to accept all of these options, click **Install** and wait until the setup process has finished.