Certificate Generation for Active Directory Windows 2008

Enterprise Version

http://www.call2unlock.com

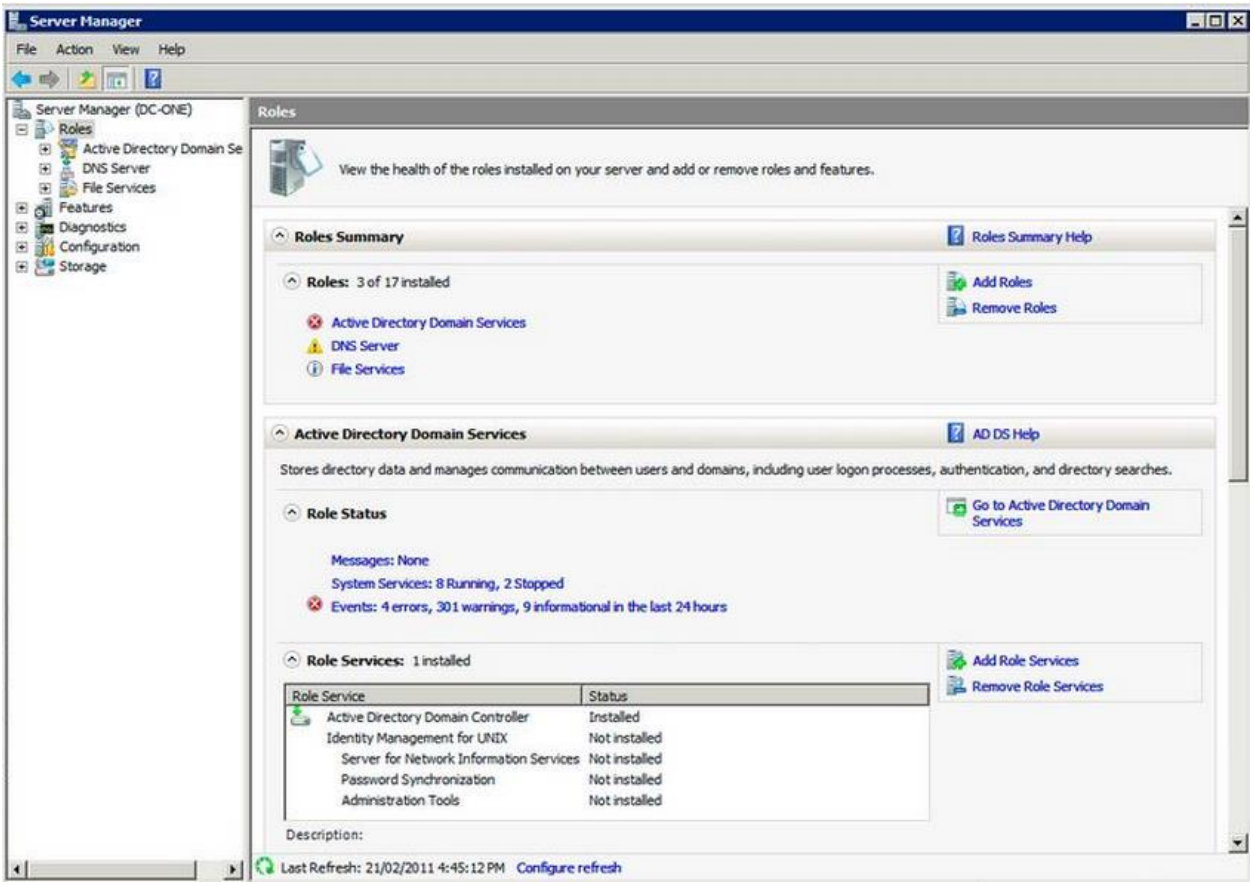
Introduction

Call2unlock interacts with the Active Directory Server, sending commands to unlock and reset accounts, in the same way than one Help Desk Operator. In order to perform the reset of the accounts, is necessary generate and import one pem certificate from the Active Directory to Call2Unlock. Please follow the next steps to allow call2unlock reset accounts in your active directory in a secure way

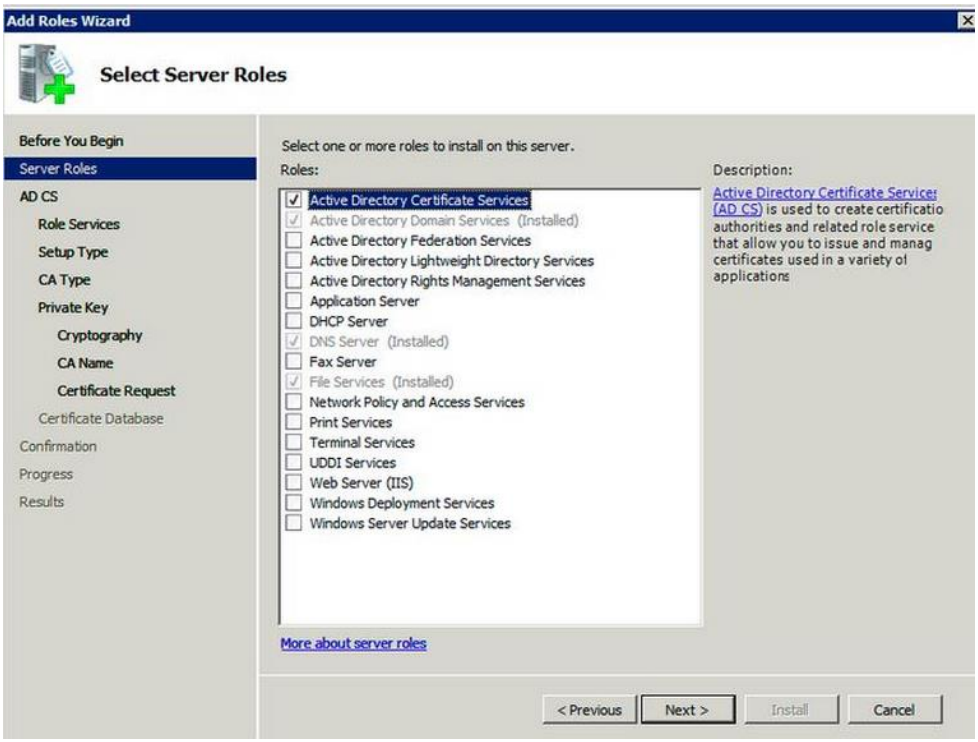
1. Install the Active Directory Certificate Services

(Skip this step if is already done)

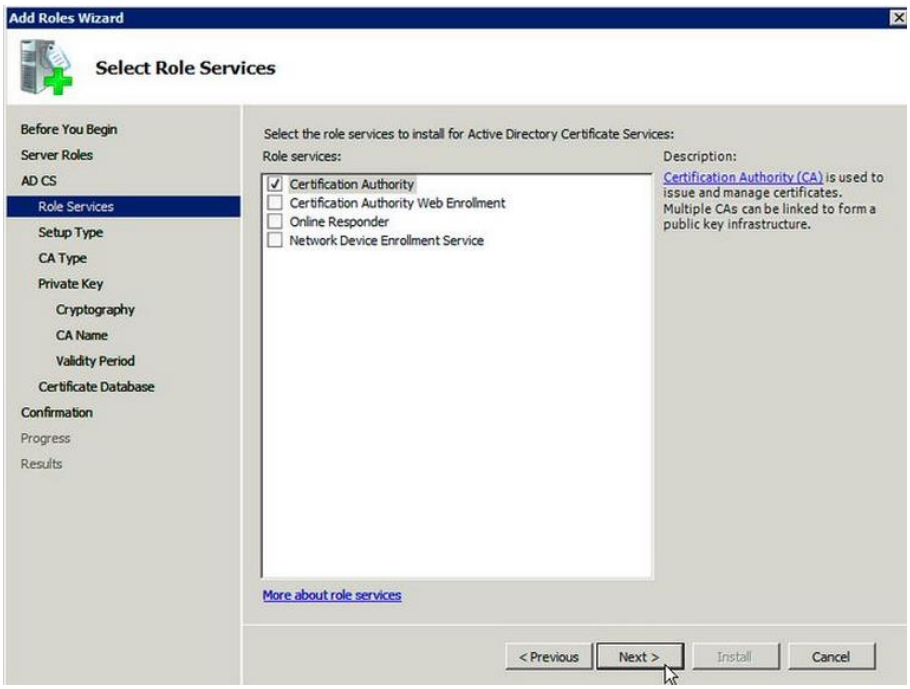
- Log in to the Active Directory server as an administrator.
- Click **Start**, click on **Administrative Tools**, and then click **Server Manager**.
- In the **Roles Summary** section, click **Add Roles**.



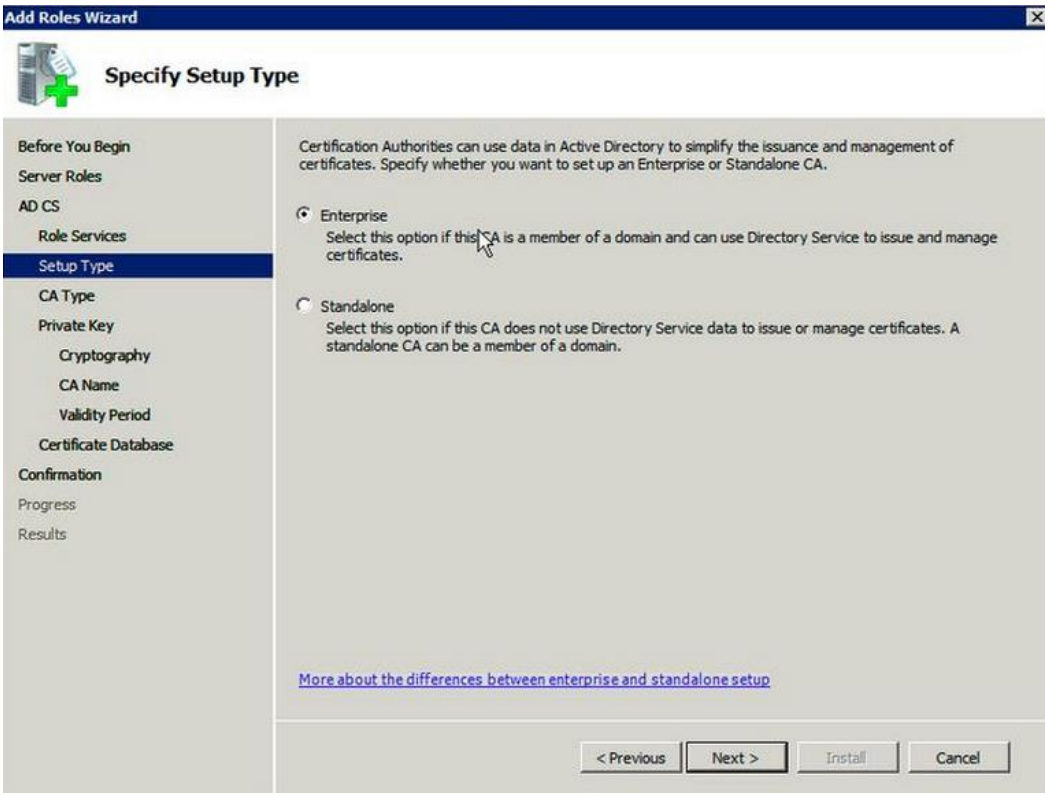
- Once on the **Select Server Roles** page, select the **Active Directory Certificate Services** check box. Click **Next** twice. In the next screen “Installation Type” , select **“Role-based or feature-based installation”**



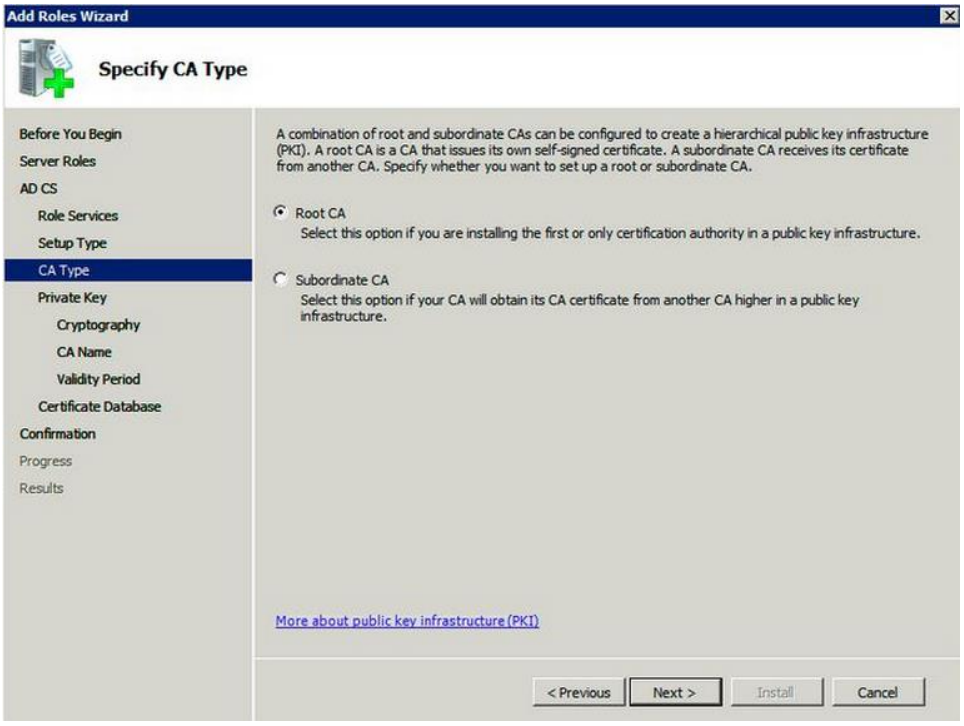
Once the **Select Role Services** page, select the **Certification Authority** check box, and then click **Next**



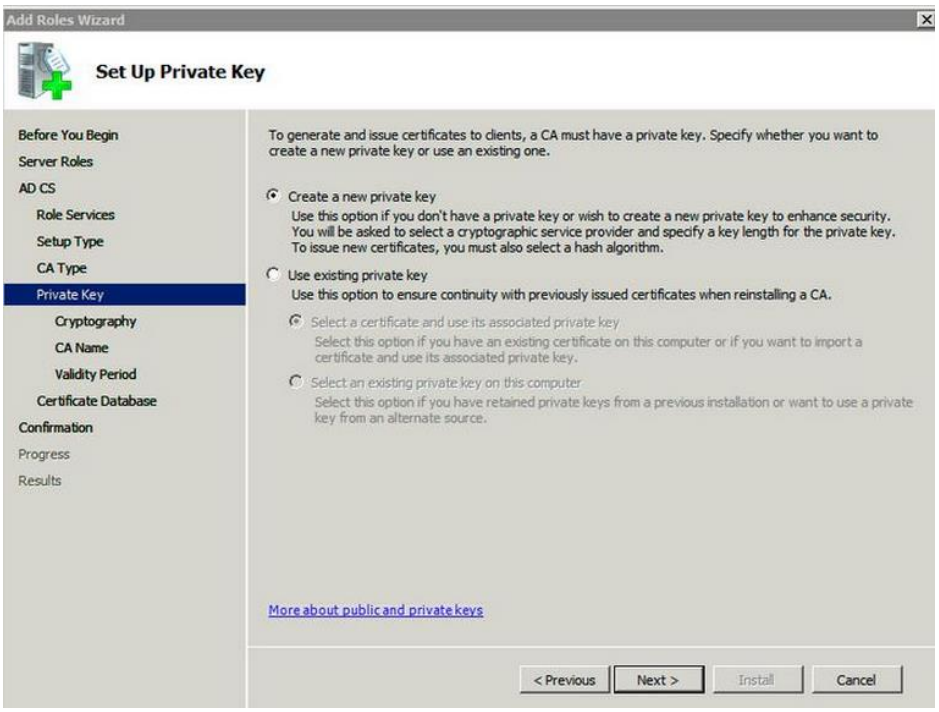
On the **Specify Setup Type** page, click **Enterprise**, and then click **Next**.



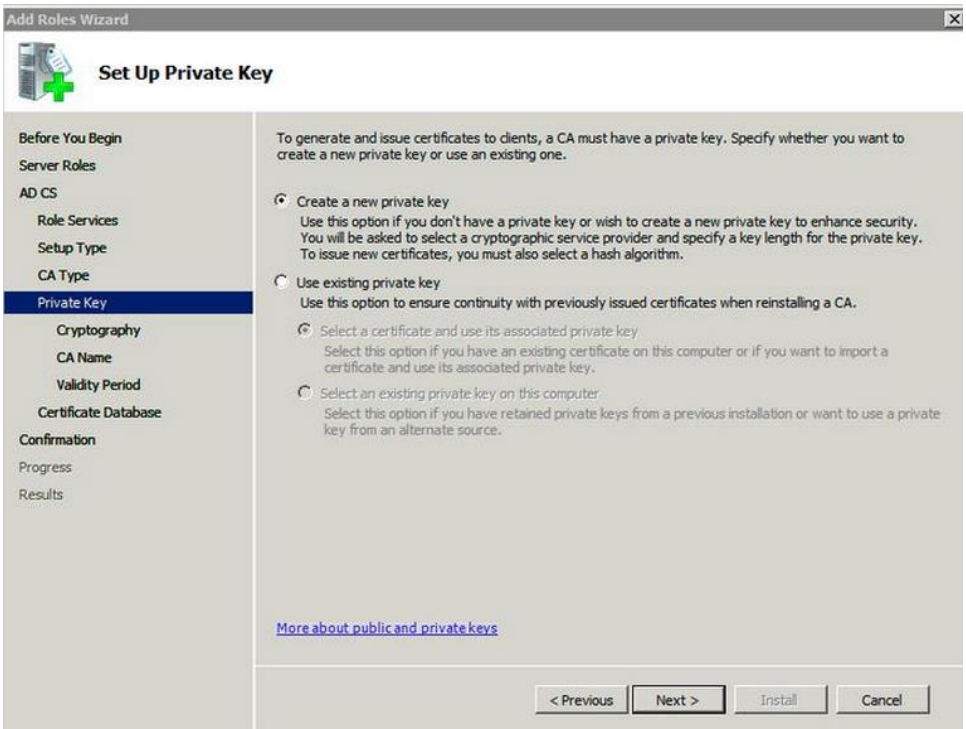
On the **Specify CA Type** page, click **Root CA**, and then click **Next**.



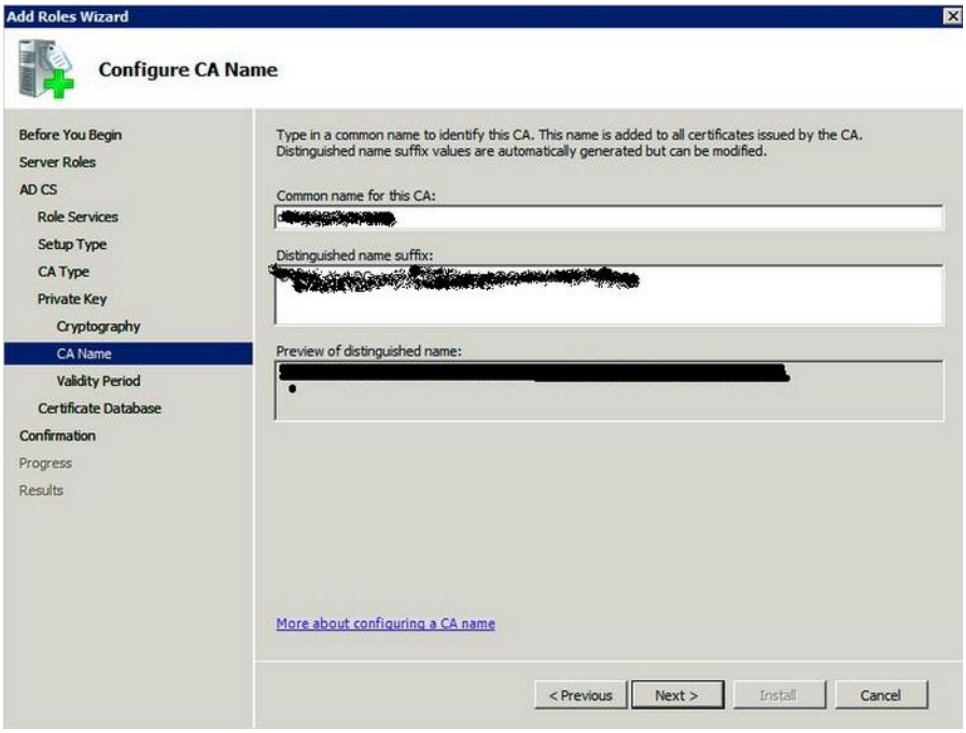
On the **Set Up Private Key** and **Configure Cryptography for CA** , you can configure optional configuration settings, including cryptographic service providers. The default values should be ok. Click **Next** twice.



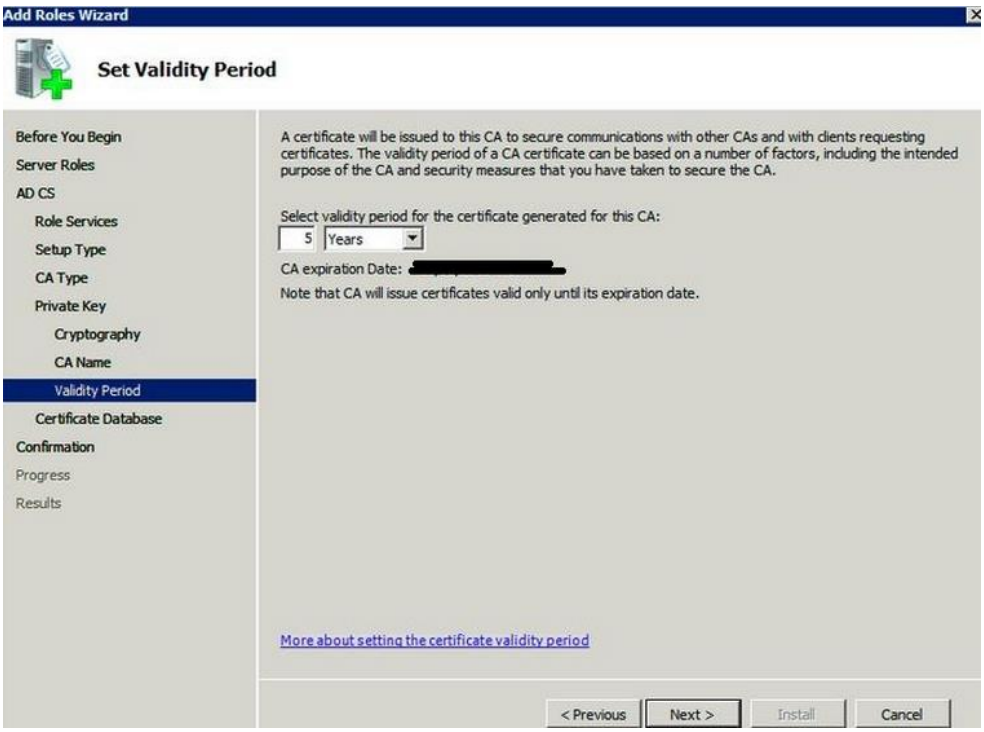
In the **Common name for this CA** box, type the common name of the CA, and then click **Next**.

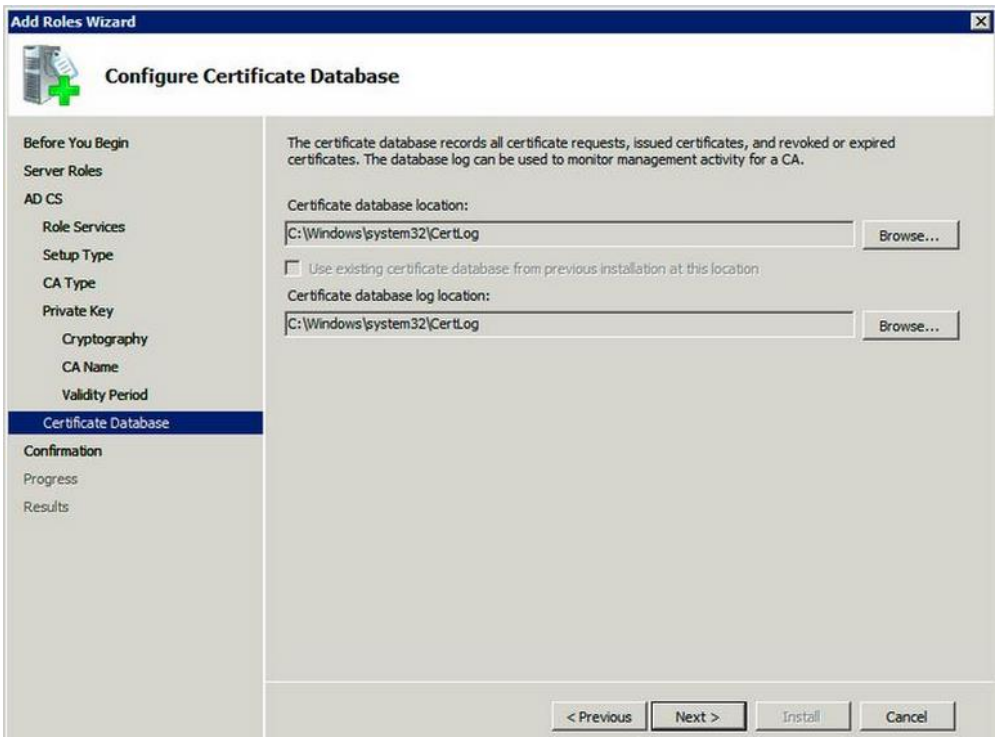


In the **Common name for this CA** screen, type the common name of the CA, and then click **Next**

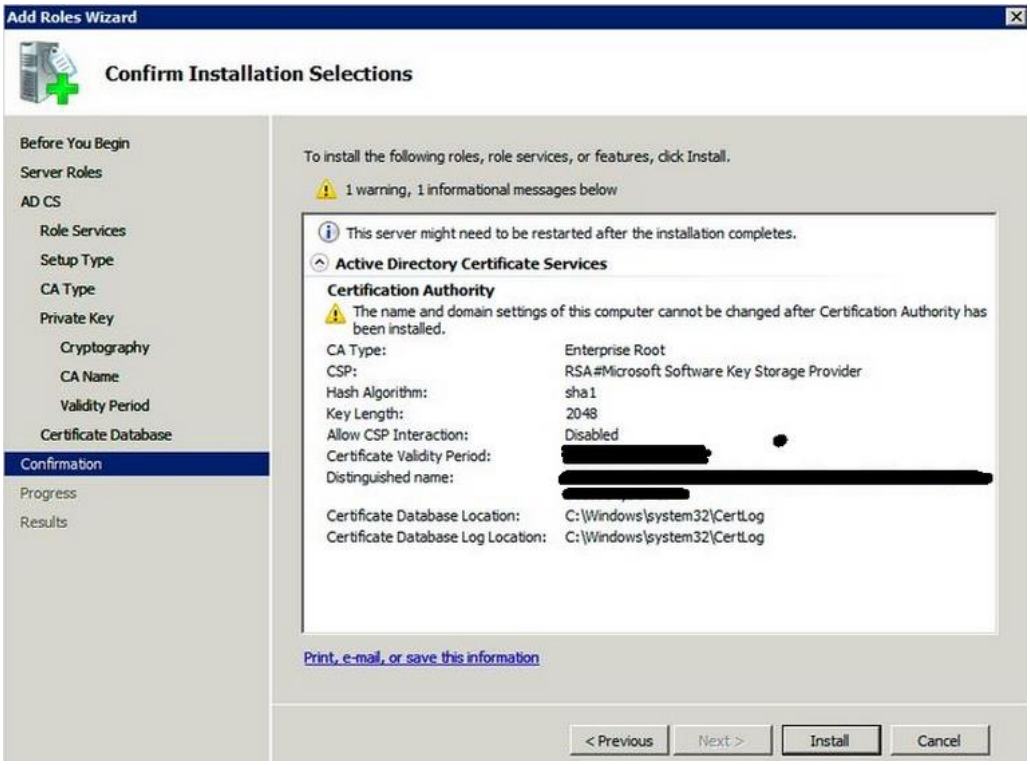


On the **Set Validity Period** page, accept the default values or specify other storage locations for the certificate database and the certificate database log, and then click **Next**.

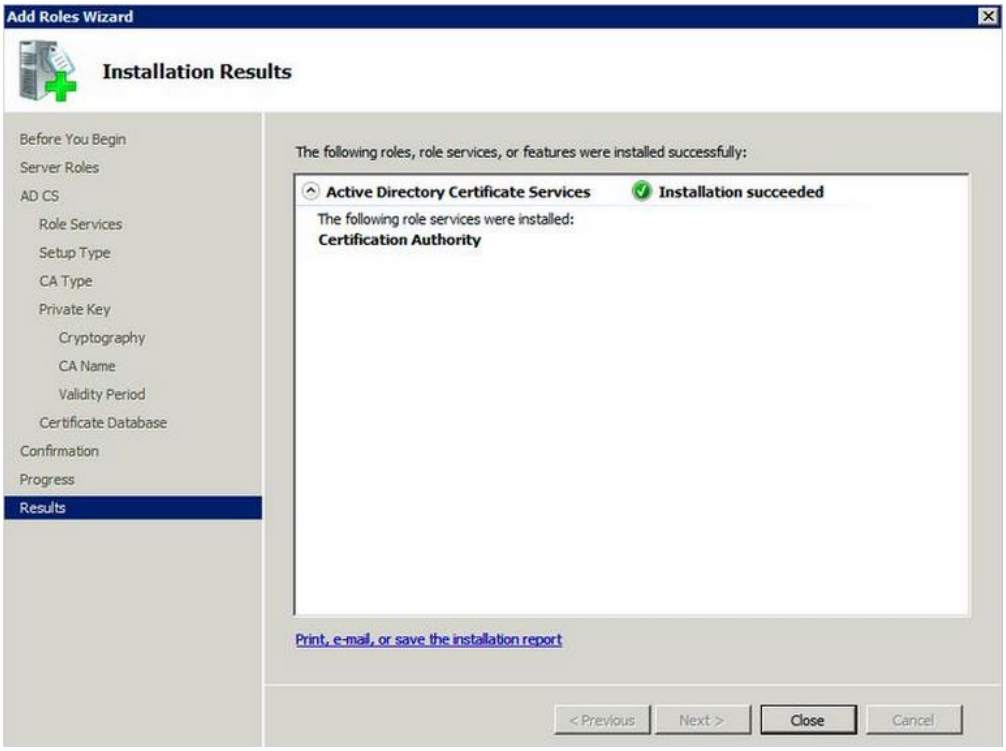




After verifying the information on the **Confirm Installation Selections** page, click **Install**.



Review the information on the results screen to verify that the installation was successfully done.



2. Obtain and upload the Server Certificate to Call2Unlock

The steps above describe how to install the certification authority (CA) on your Microsoft Active Directory server. Next, you will need to add the Microsoft Active Directory server's SSL certificate to the list of accepted certificates used by Call2Unlock, specially for reset accounts.

Execute this command on the Active Directory server in the power shell console:

certutil -ca.cert client.crt

Finally just copy the file created (in this case client.crt) to your local machine and import the file using ***the LDAP Configuration*** section of Call2Unlock Enterprise edition