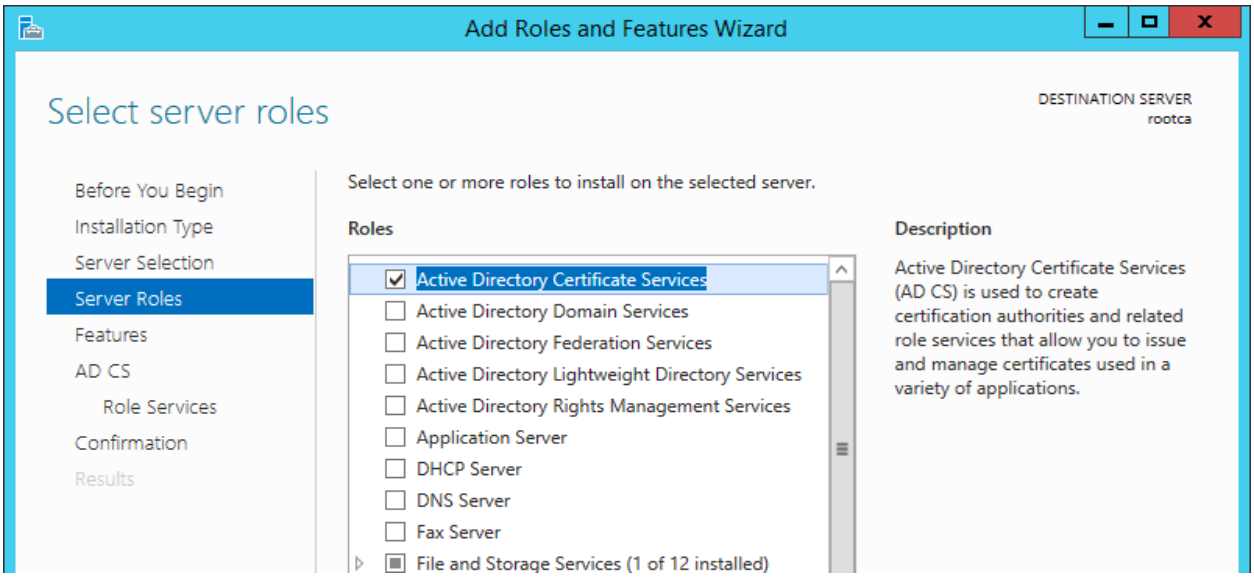
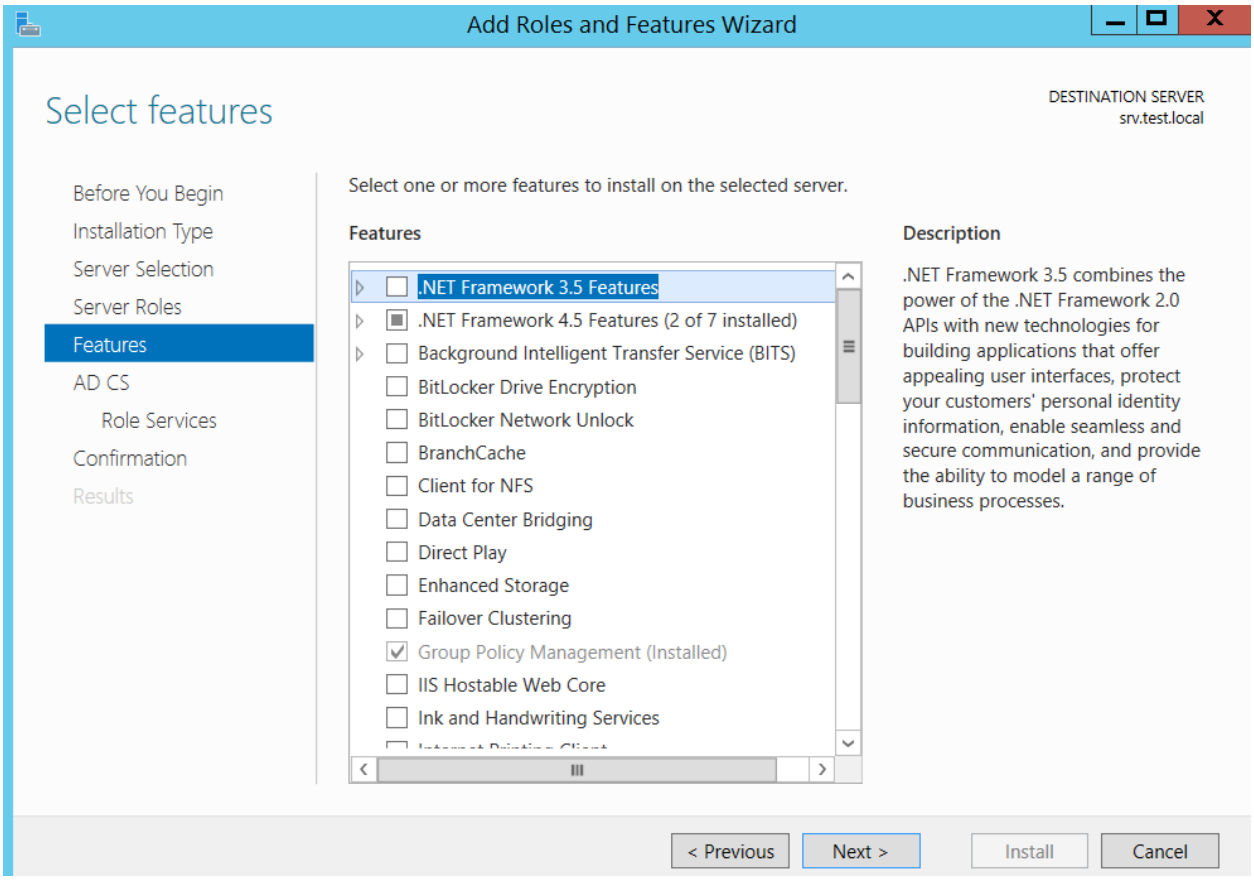
CA Server in Windows 2012:

On the domain Server, open Server Manager and go through to Select Server Roles and click Active Directory Certificate Services and then click Next…

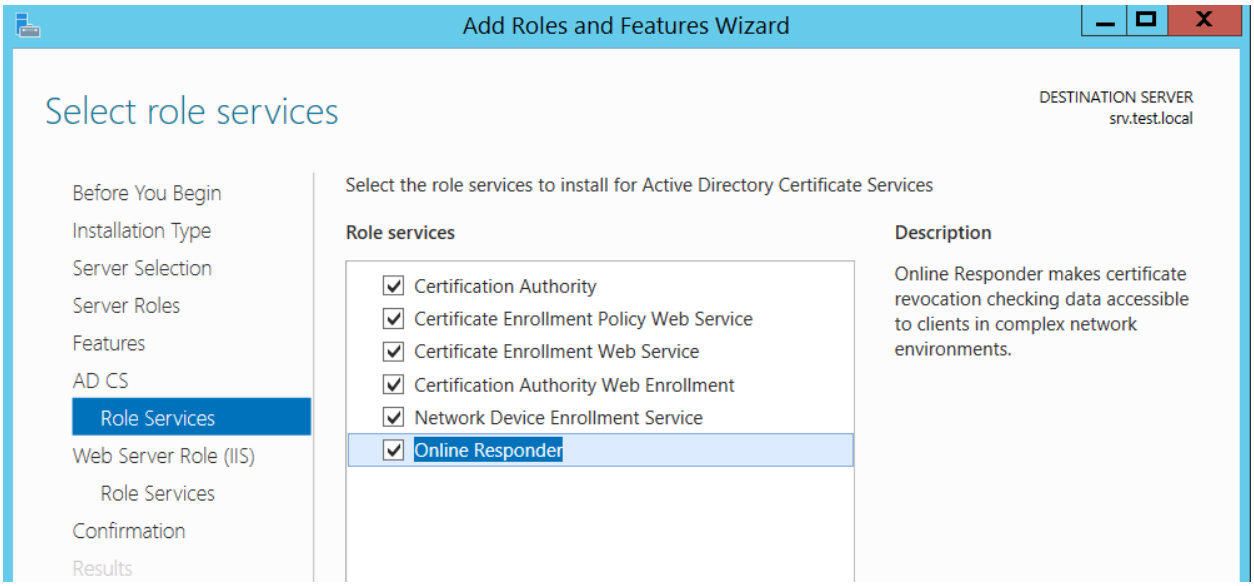


In the Select Features interface, proceed with Next…

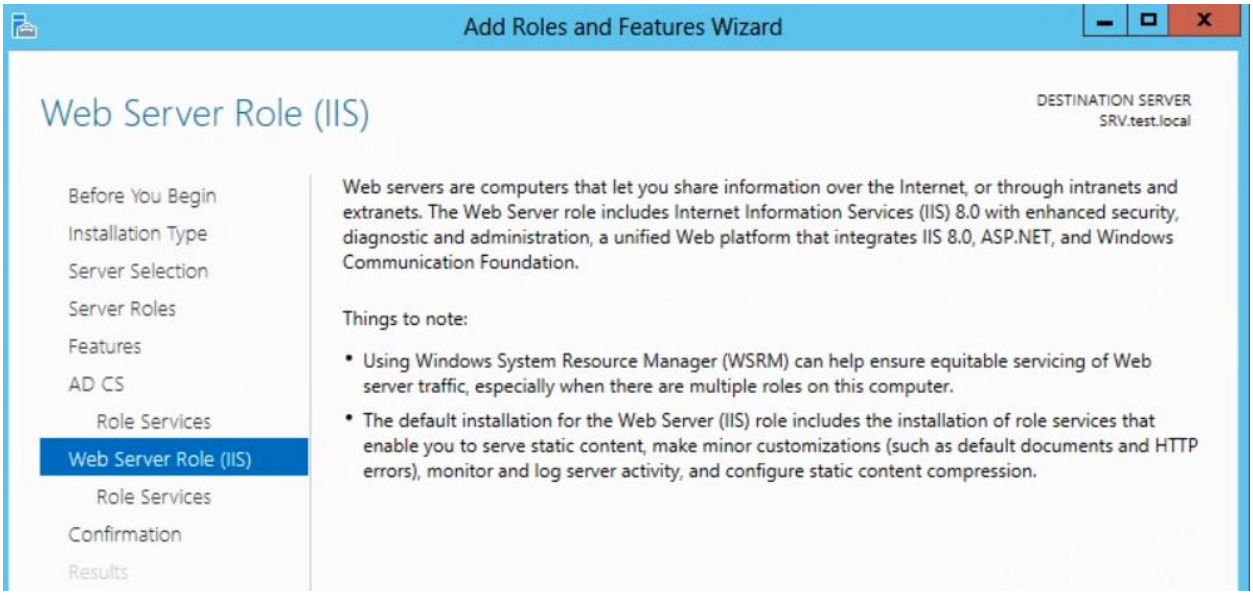


In the Active Directory Certificates Services interface, click Next…

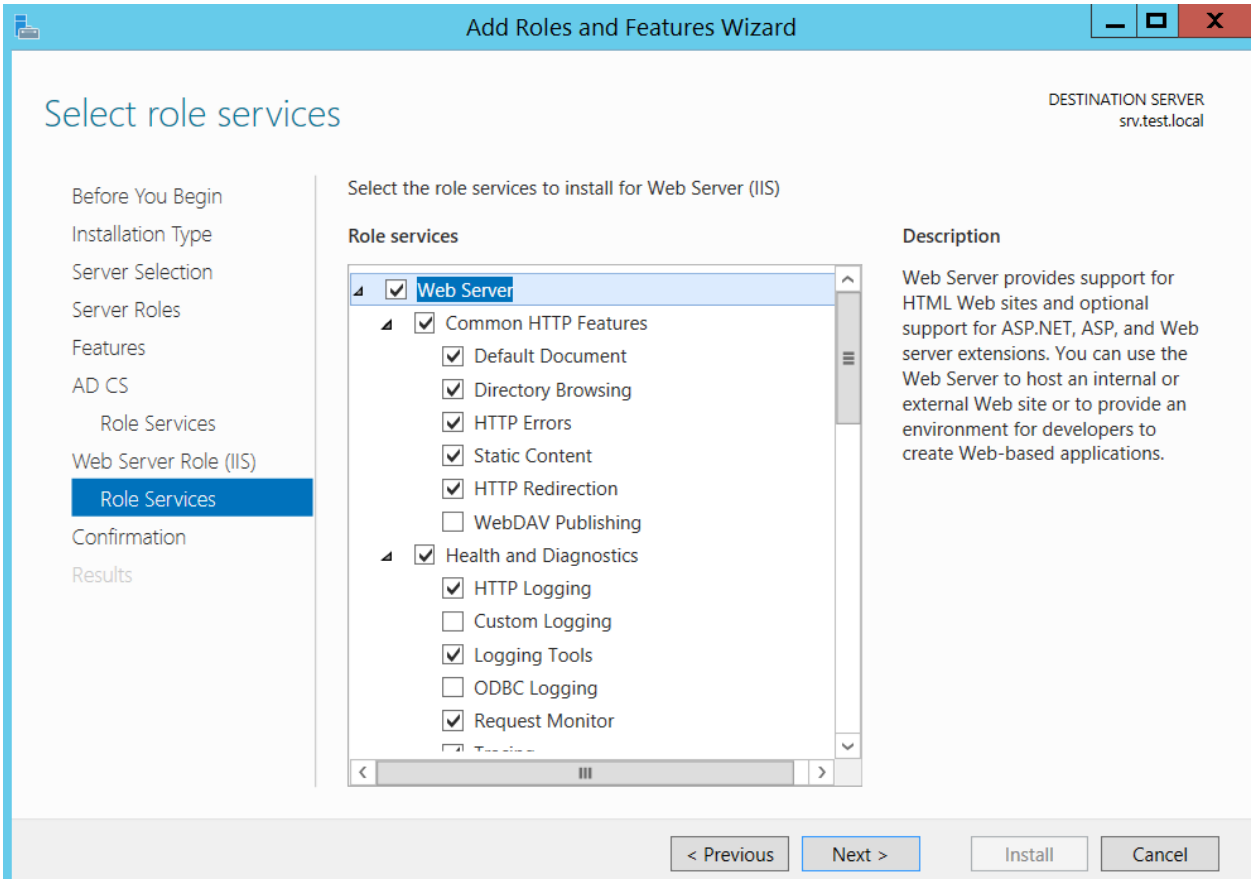
In Select role services, make sure you tick all specially, Certificate Authority and Certification Authority Web Enrollment check box and then click Next…



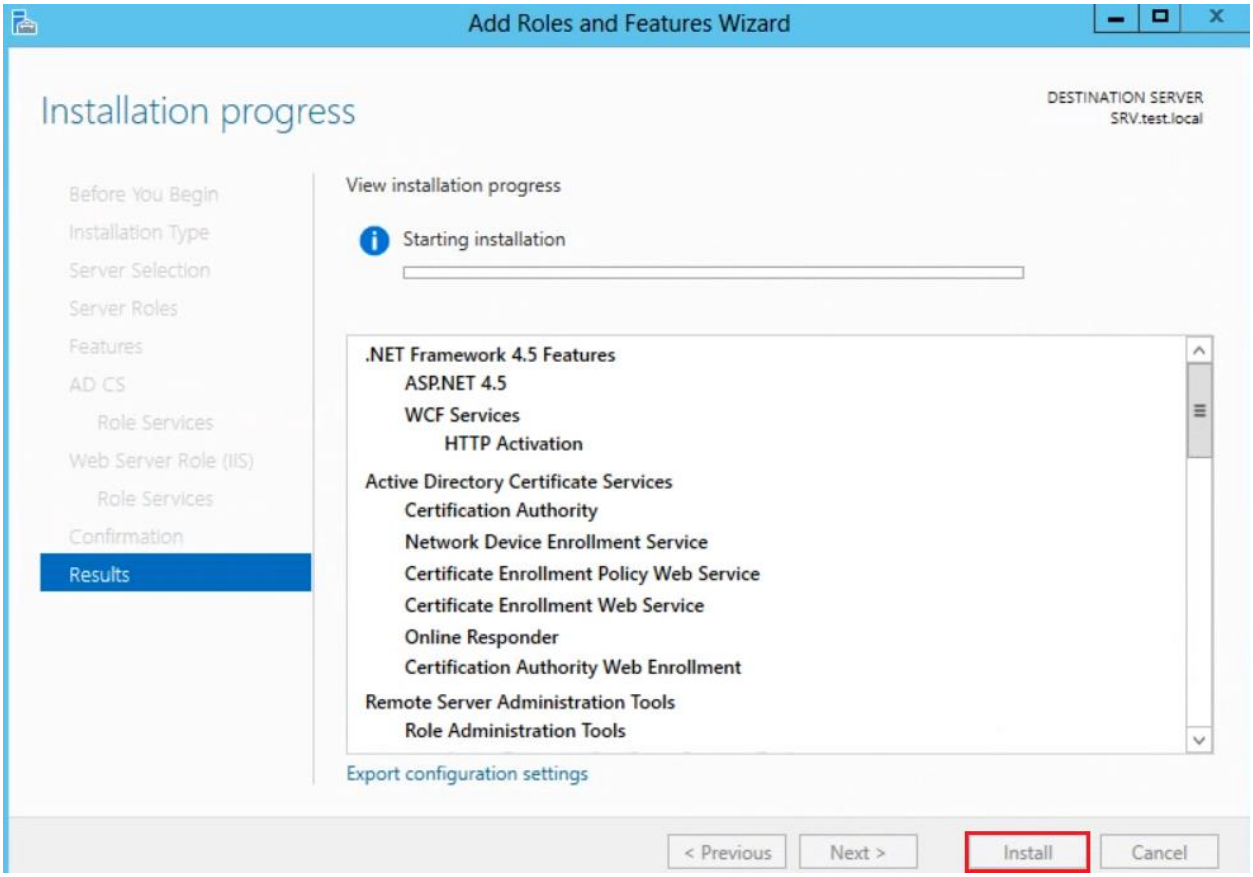
In the Web Server Role (IIS) interface, click Next to proceed…



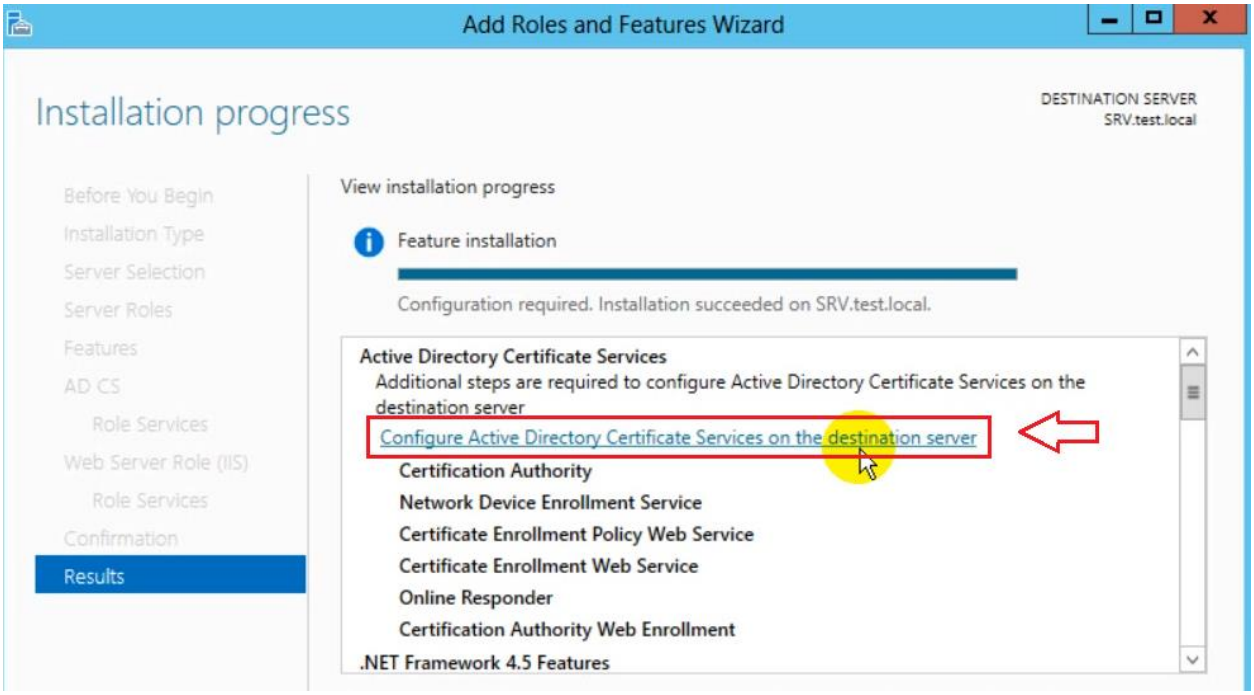
in the Select Role Services, just click Next to proceed…



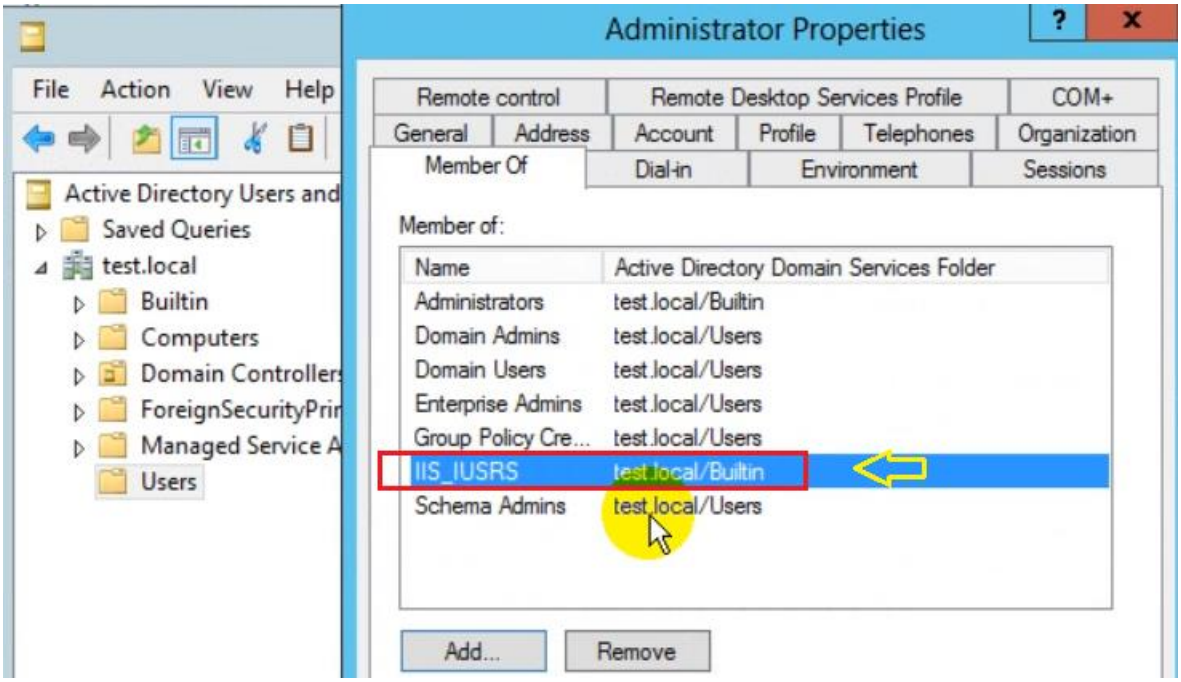
In the installation selections interface, click Install…



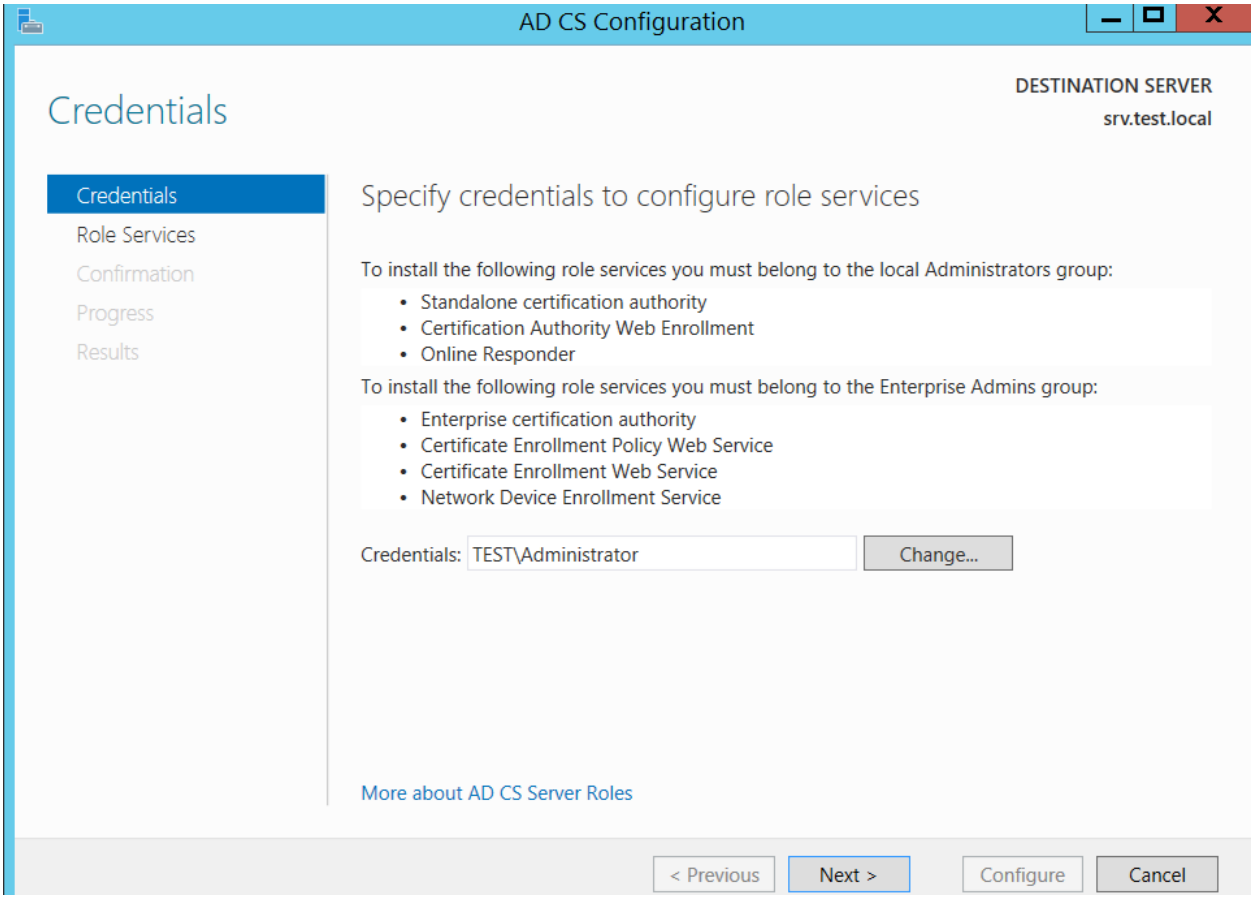
After installation complete, in the Installation progress interface, click Configure Active Directory Certificate Services on the destination server…



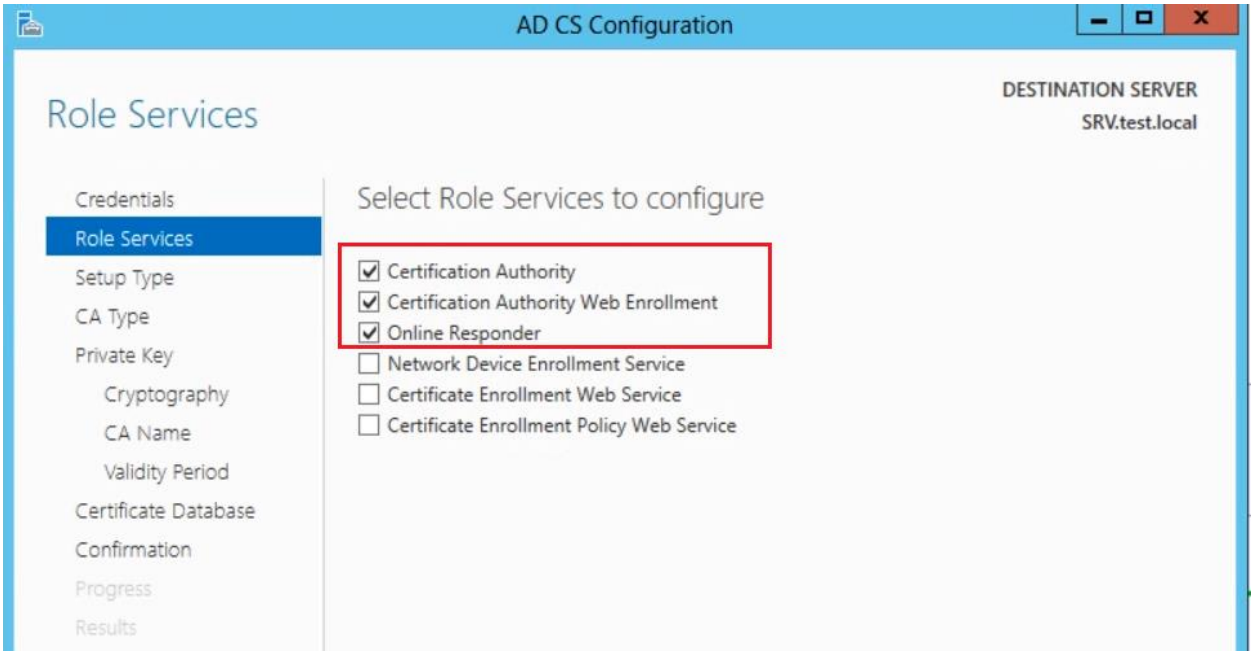
Make sure Administrator is the member of IIS_IUSRS group if not add them.



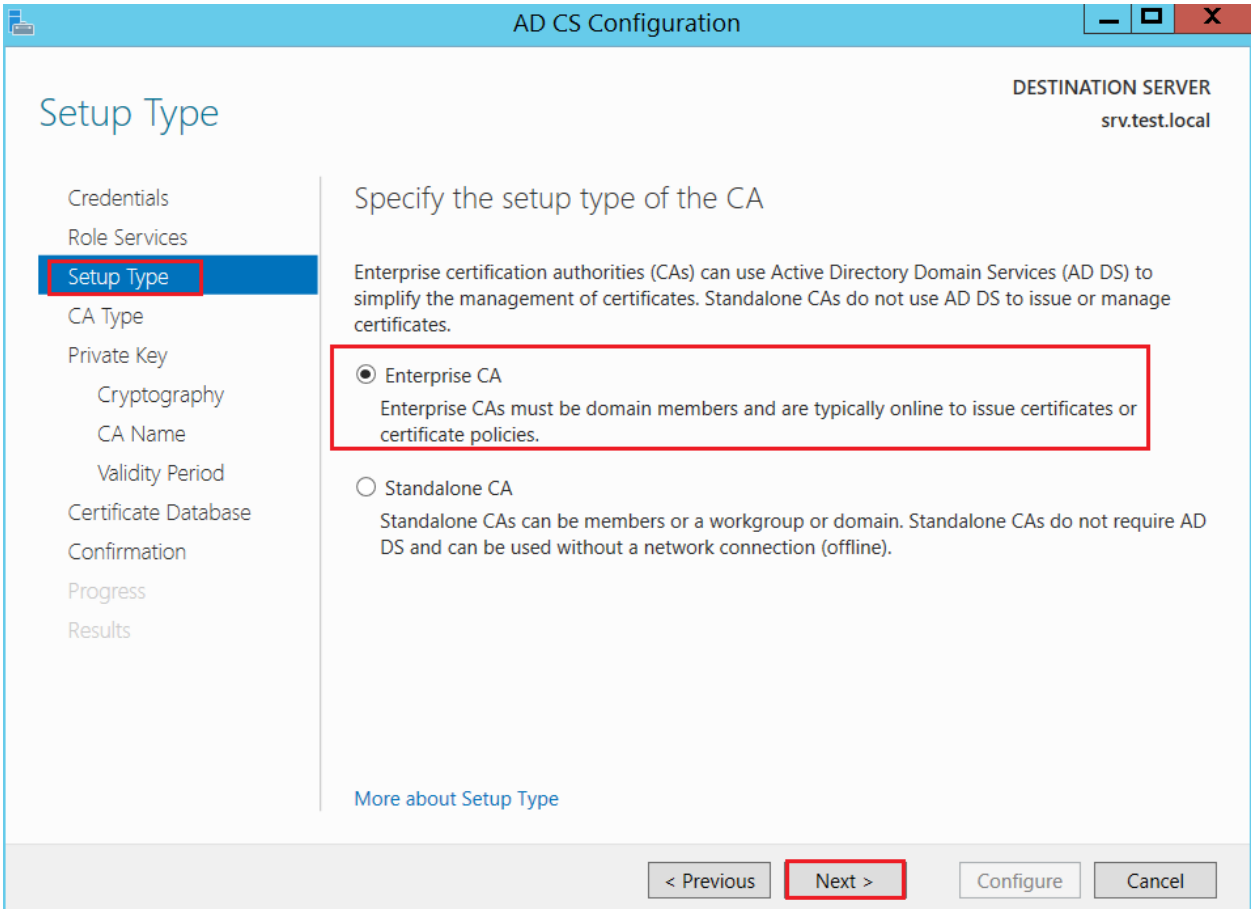
In the **Credentials** interface, verify that your Credentials is Administrator and then click Next…



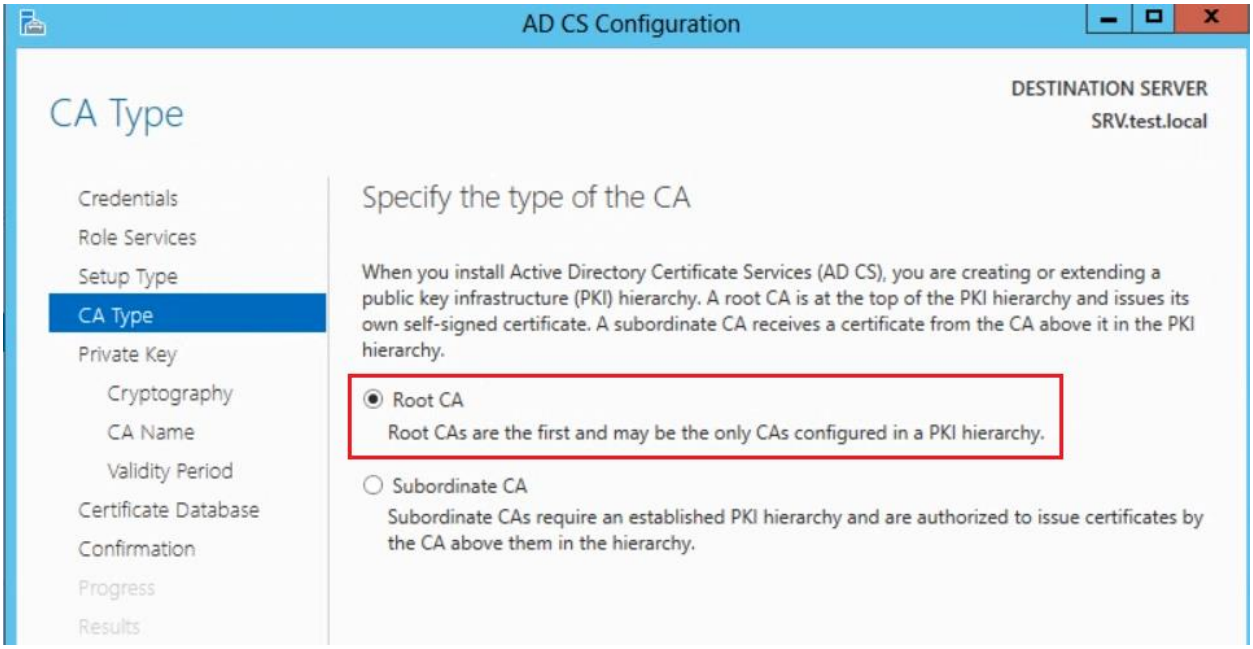
In the Role Services interface, tick Certification Authority, Certification Authority Web Enrollment and Online Responder and then click Next…



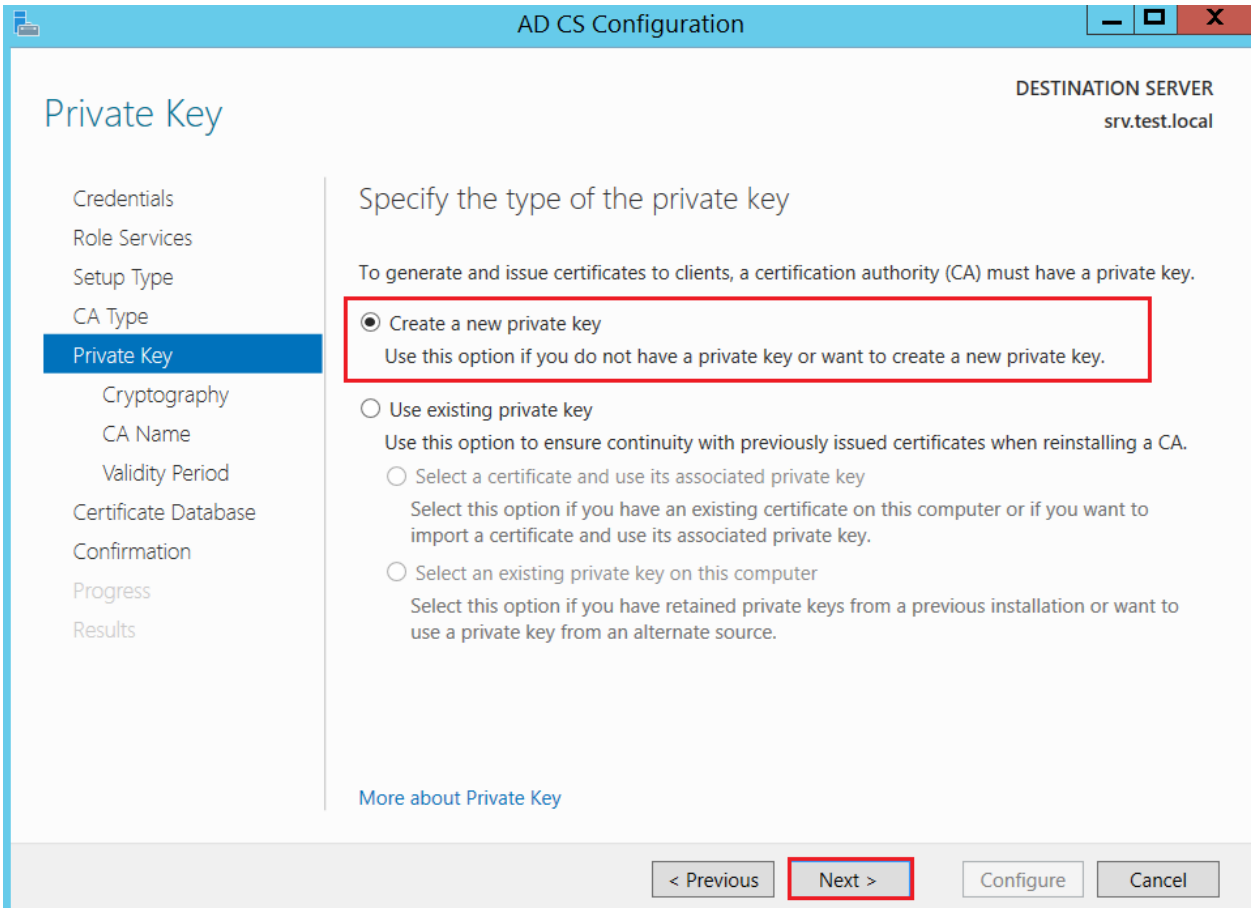
In the Setup Type interface, verify that Enterprise CA is selected and click Next…



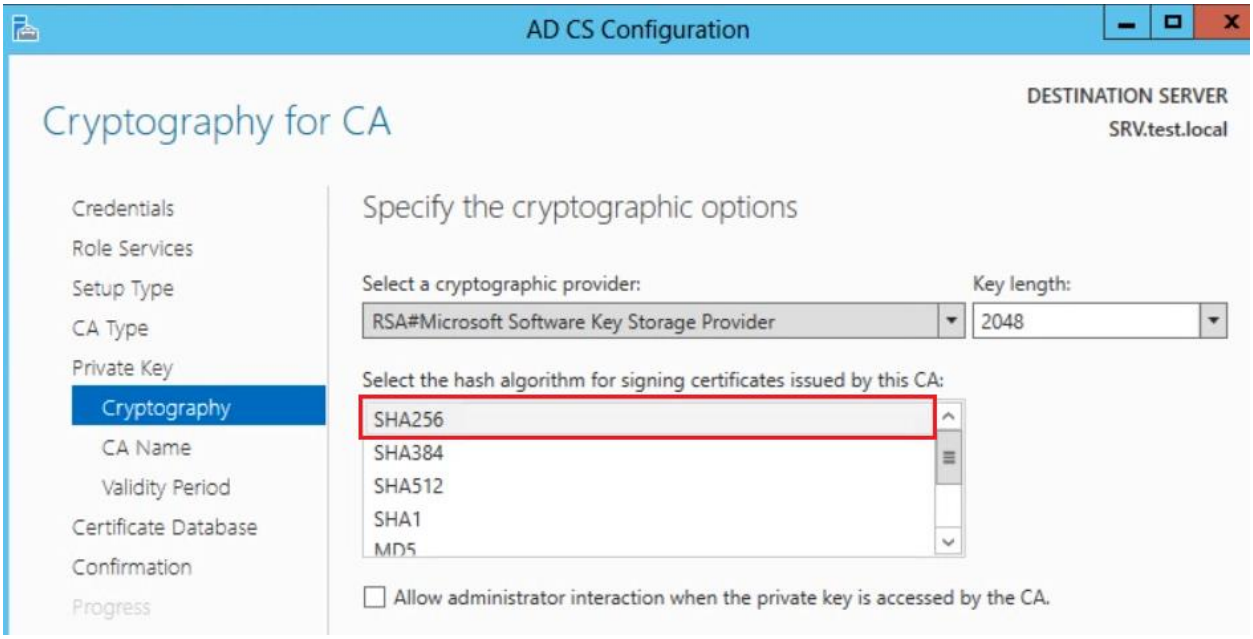
In the CA Type interface, verify that Root CA is selected and then click Next…



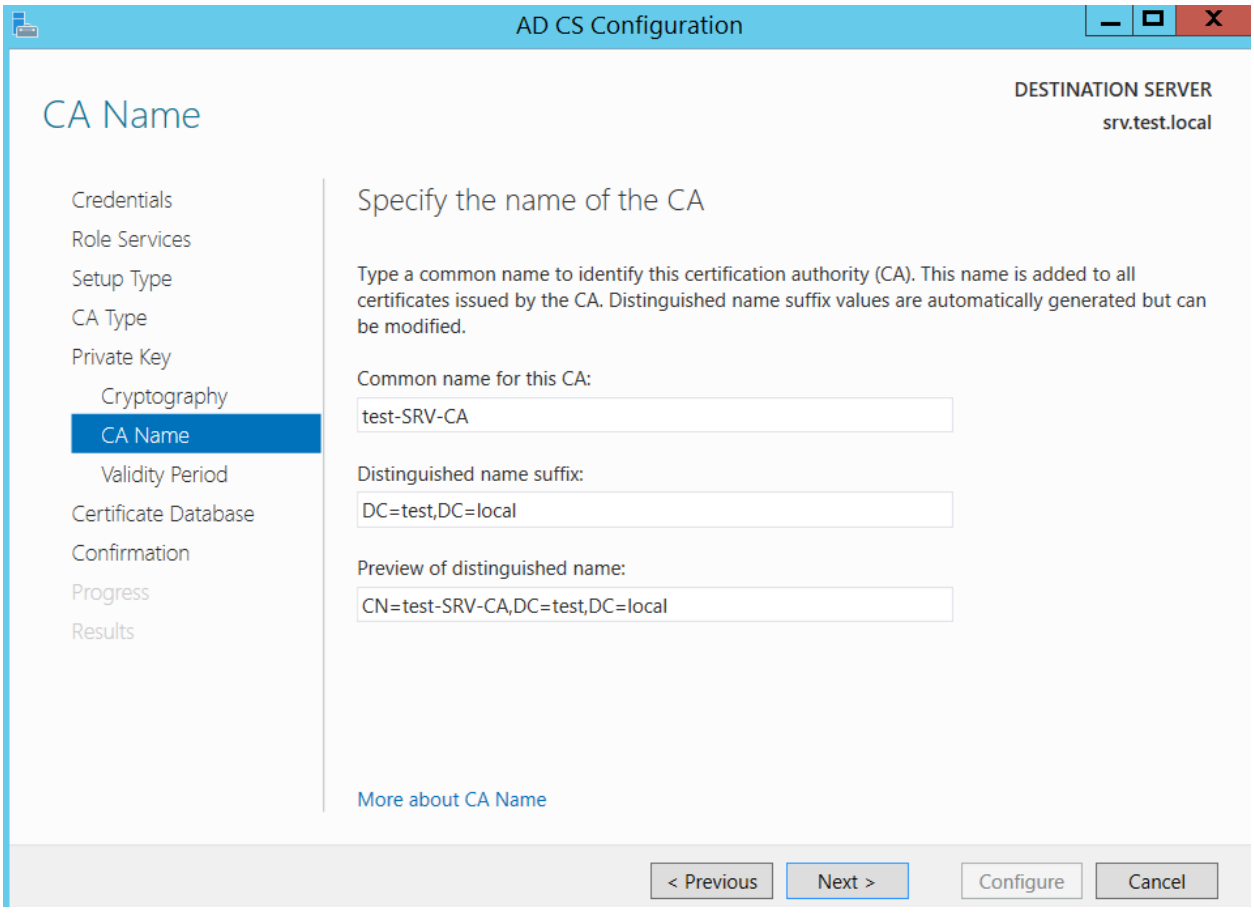
Next in the Private Key interface, click Create a new private key and then click Next…



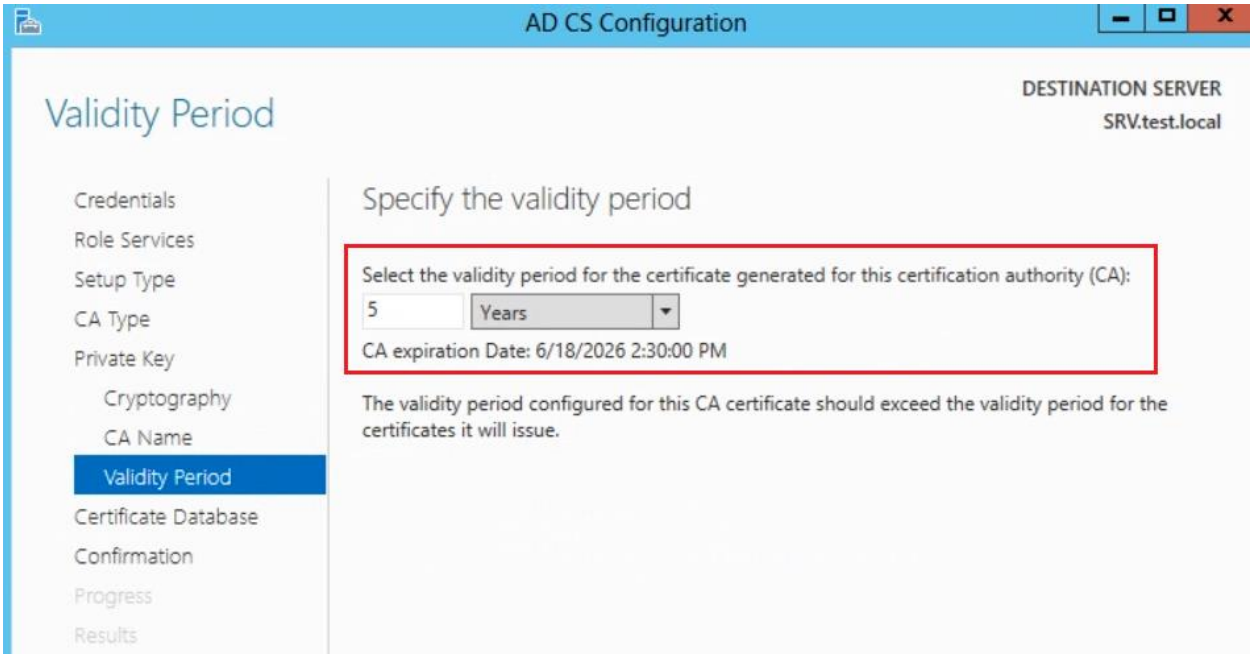
In Cryptography for CA interface, setting which RSA Cryptography with 2048 key length and verify that SHA256 is selected, and then click Next…



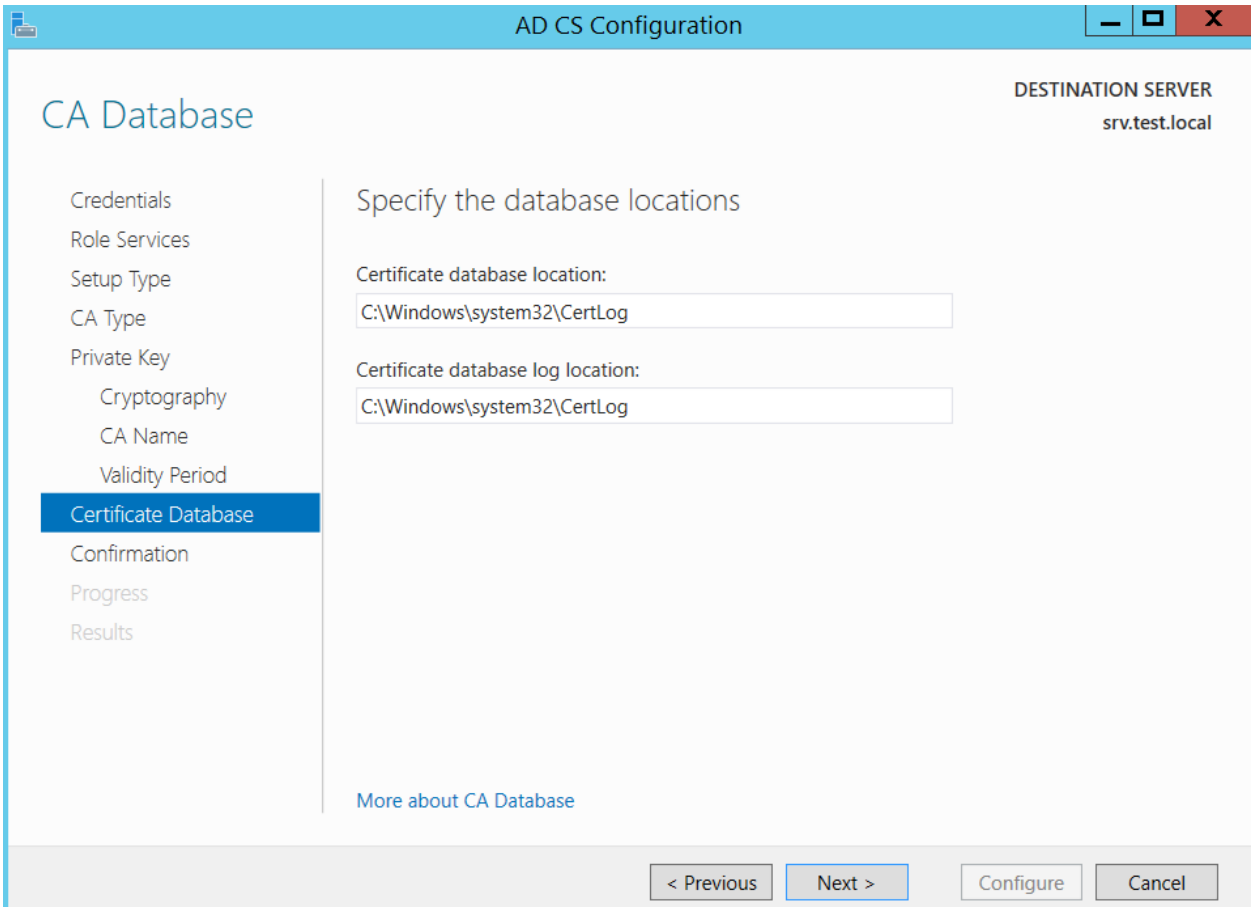
Next in the CA Name interface, just proceed with Next…



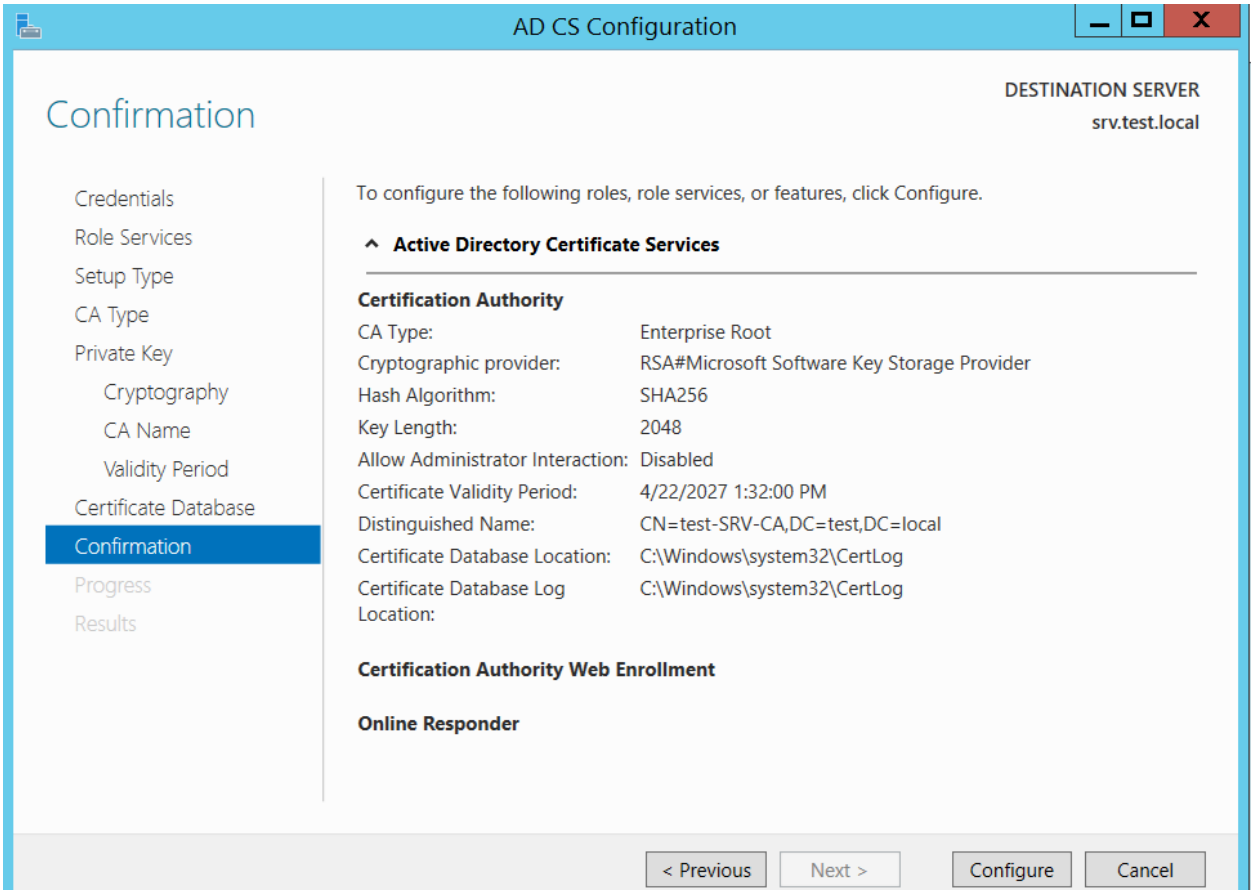
In the Validity Period, default should be 5 years, keep the same and then click Next…



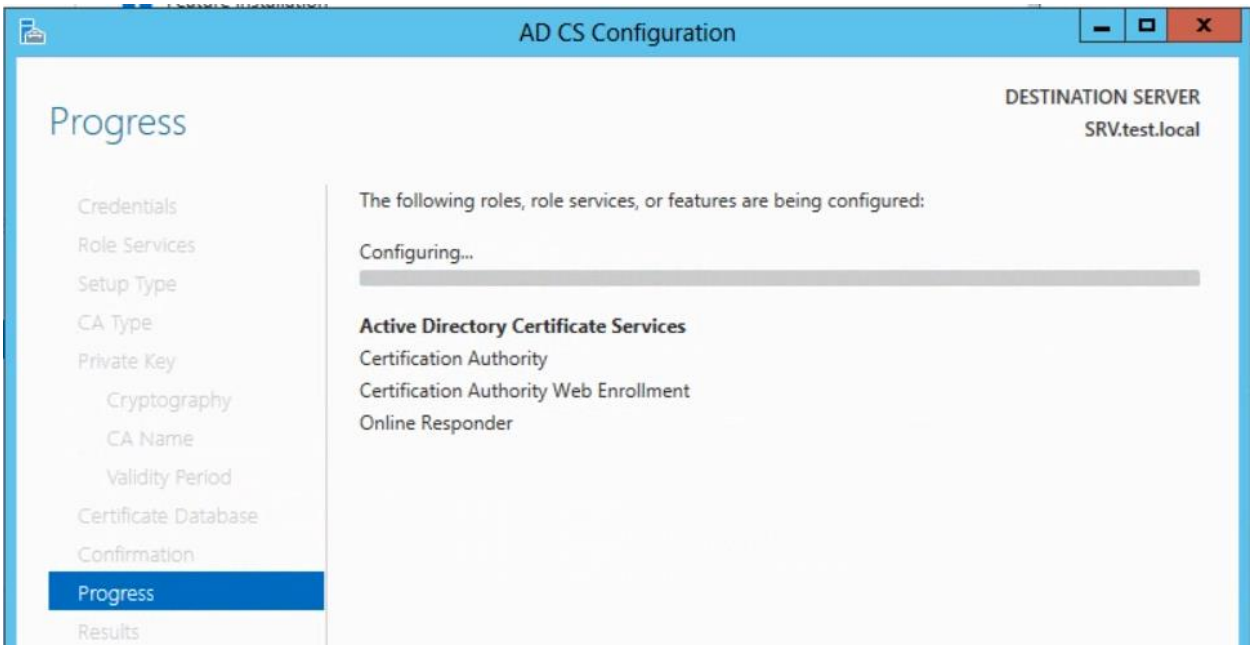
In the CA Database interface, just click Next to proceed…



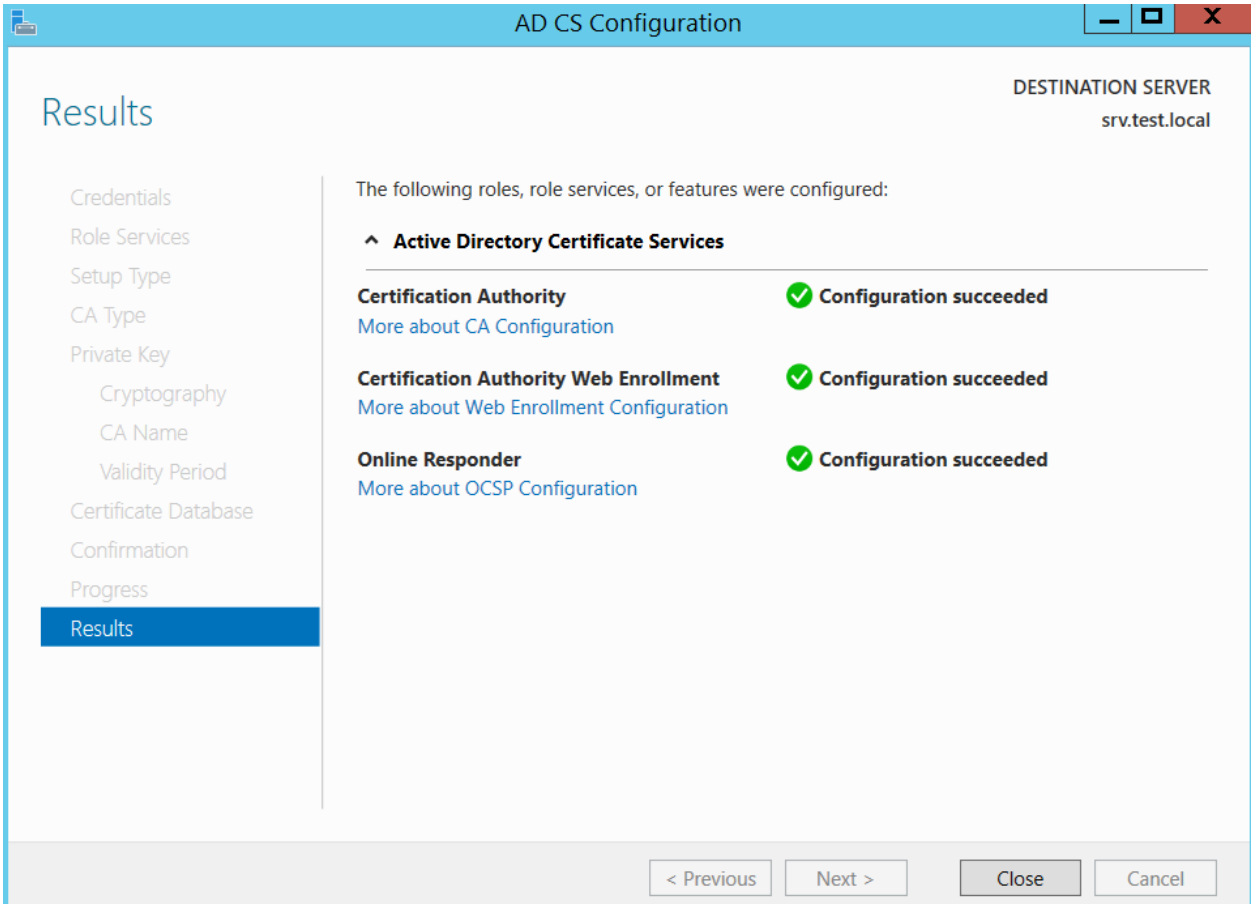
Next in the Confirmation interface, verify again all the settings and then click Configure…



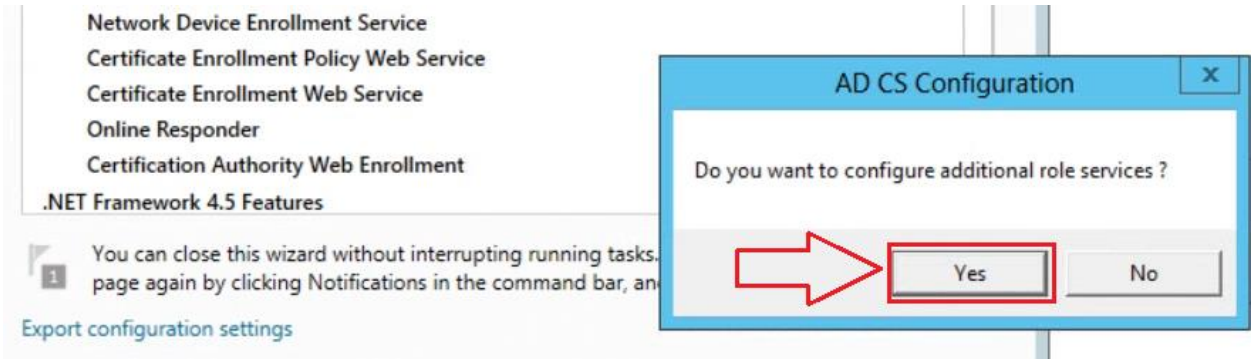
please wait few minutes for the configuration to complete…



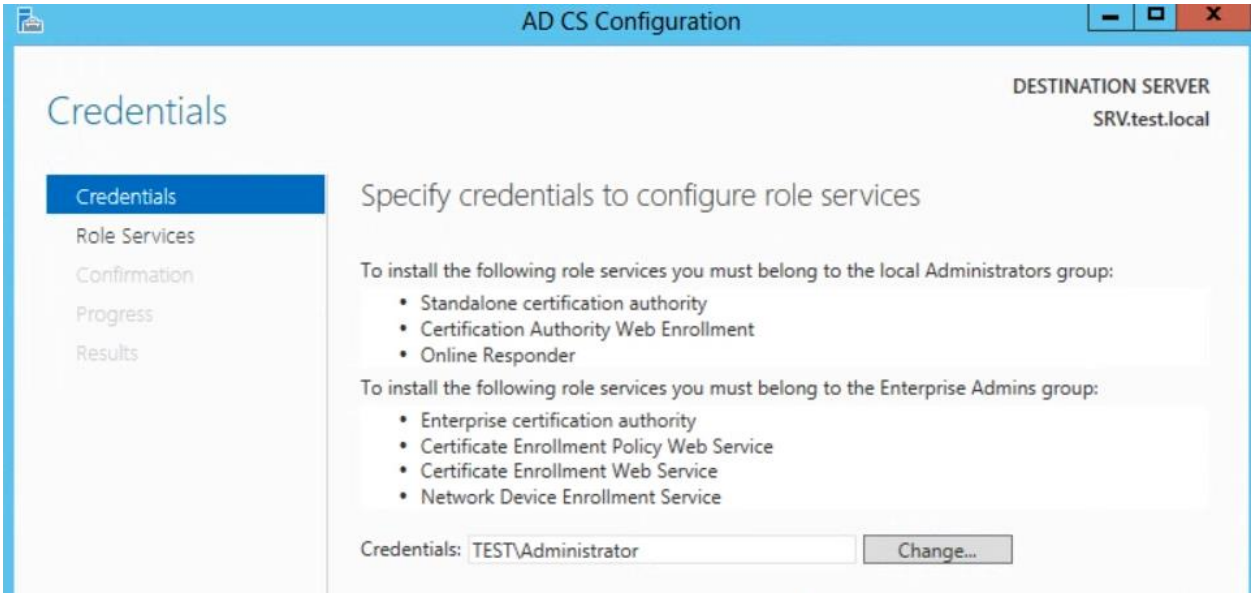
Finally, our CA & CA Web Enrollment successfully installed and click Close



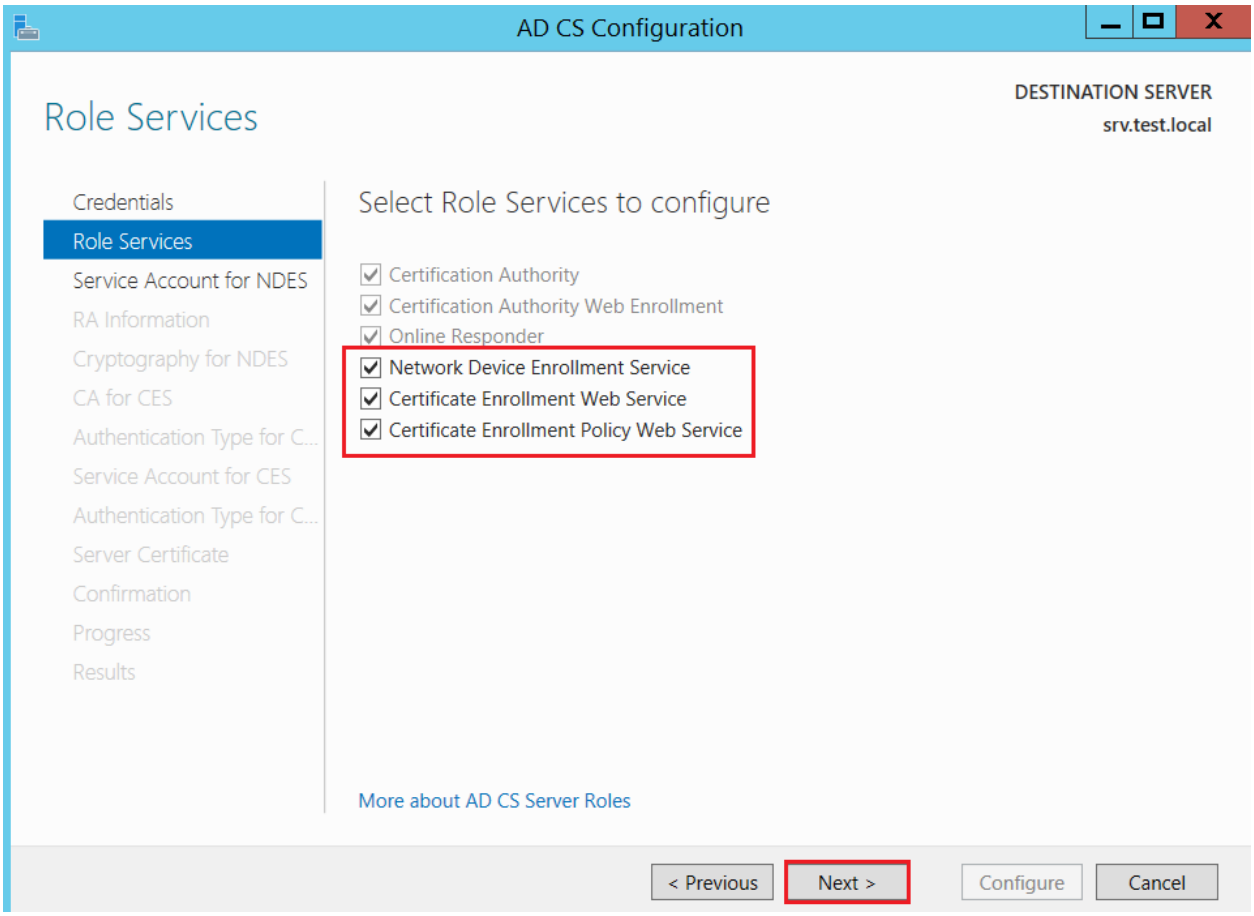
It will prompt you to Do you want to configure additional role services click Yes



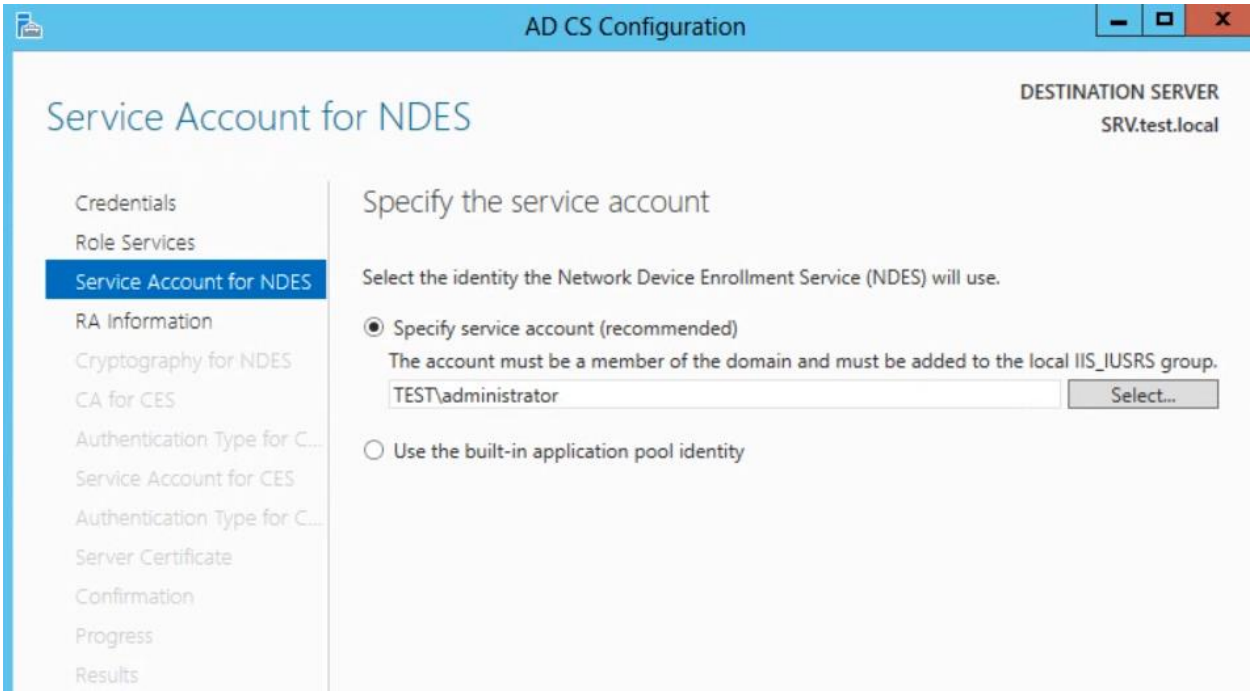
In Credentials interface, verify that your Credentials is Administrator and then click Next…



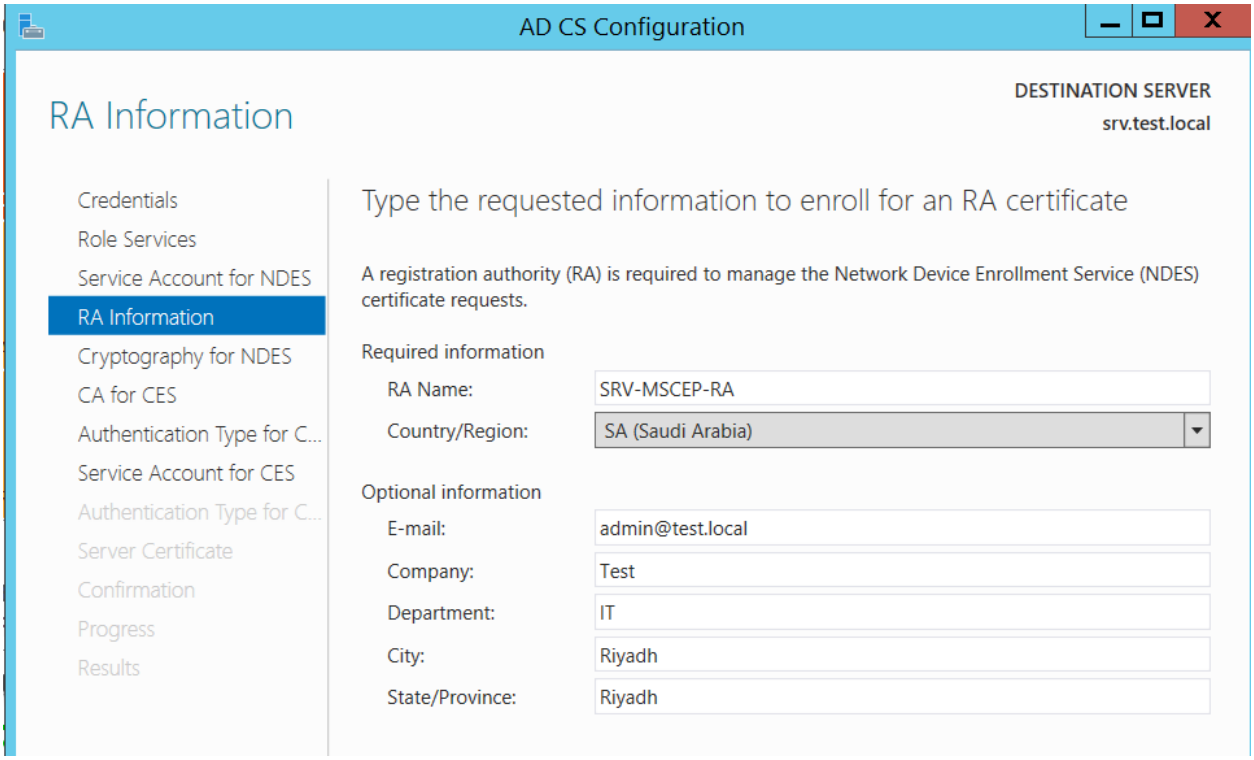
In the Role Services interface, tick Network Device Enrollment Service, Certification Enrollment Web Service and Certificate Enrollment Policy Web Service and then click Next…



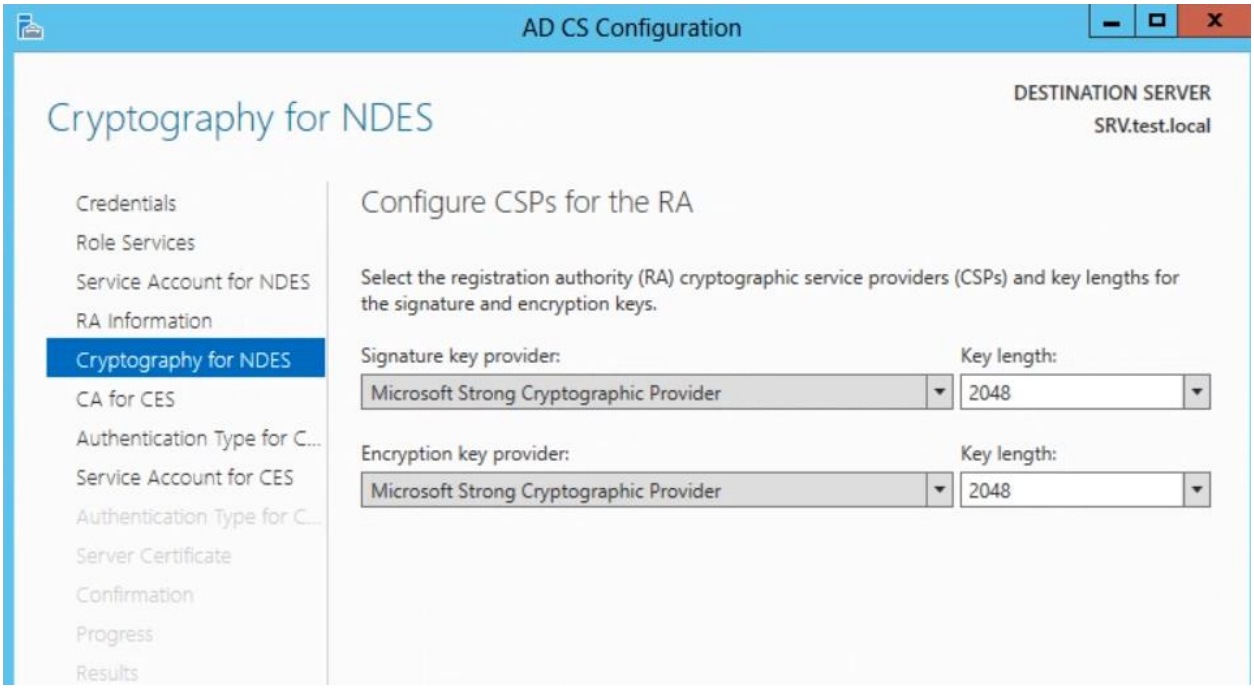
In Service Account for NDES interface, verify Credentials is Administrator and then click Next…



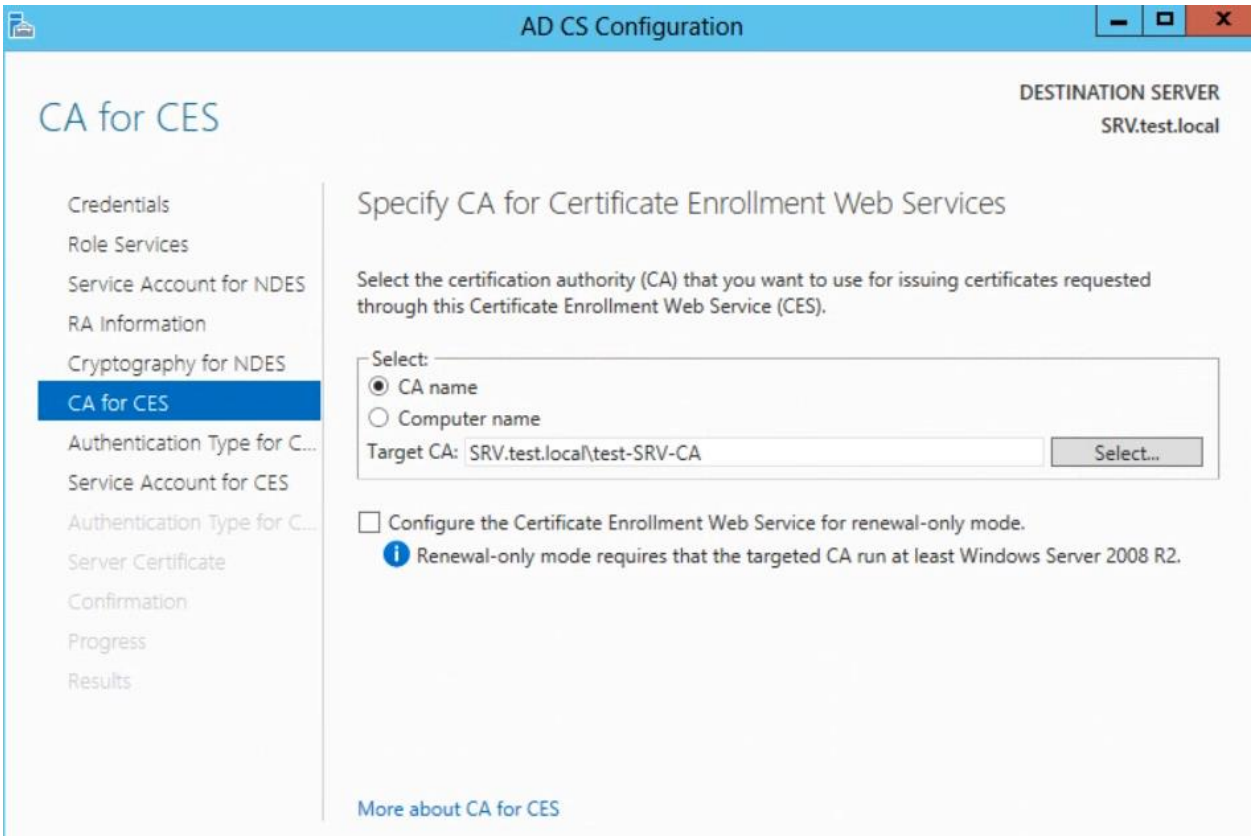
In RA Information interface, provide the Optional information and click Next to continue.



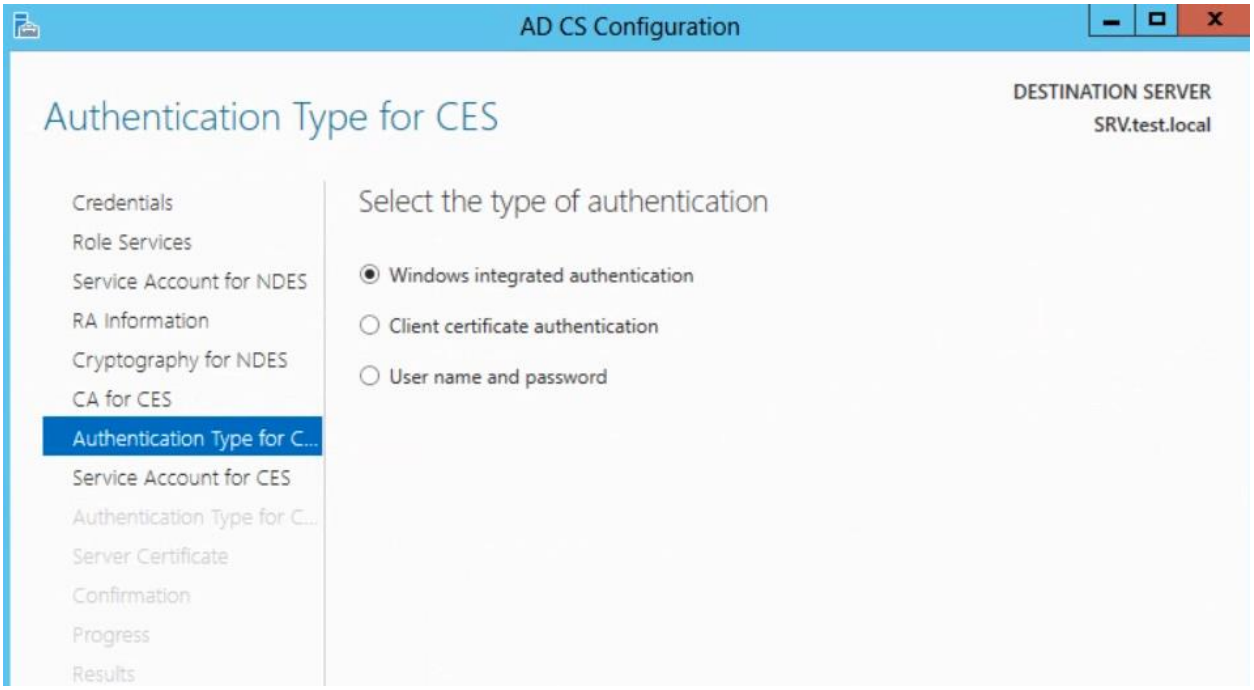
In Cryptography for NDES interface keep the default setting and click Next...



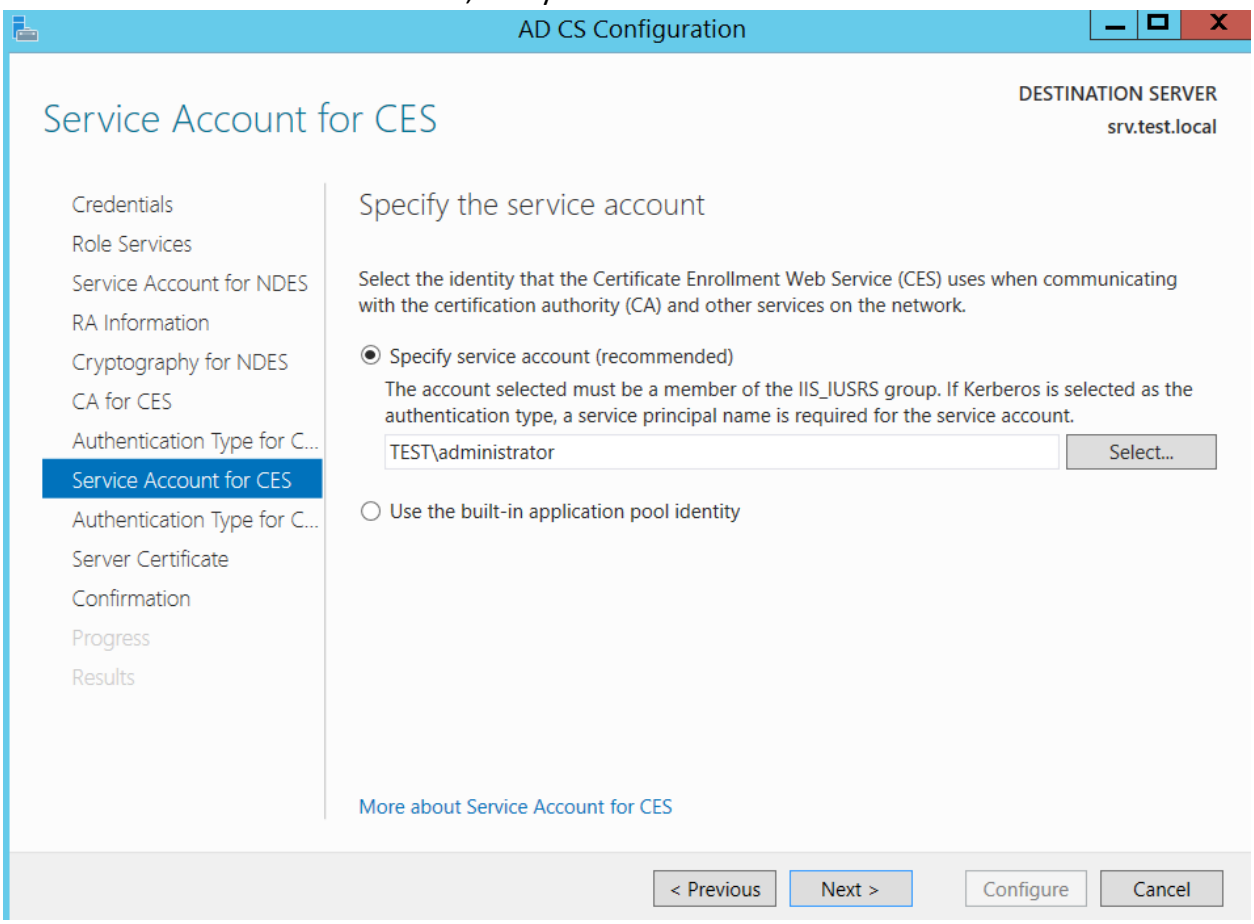
In CA for CES interface, keep the default setting just click Next to continue



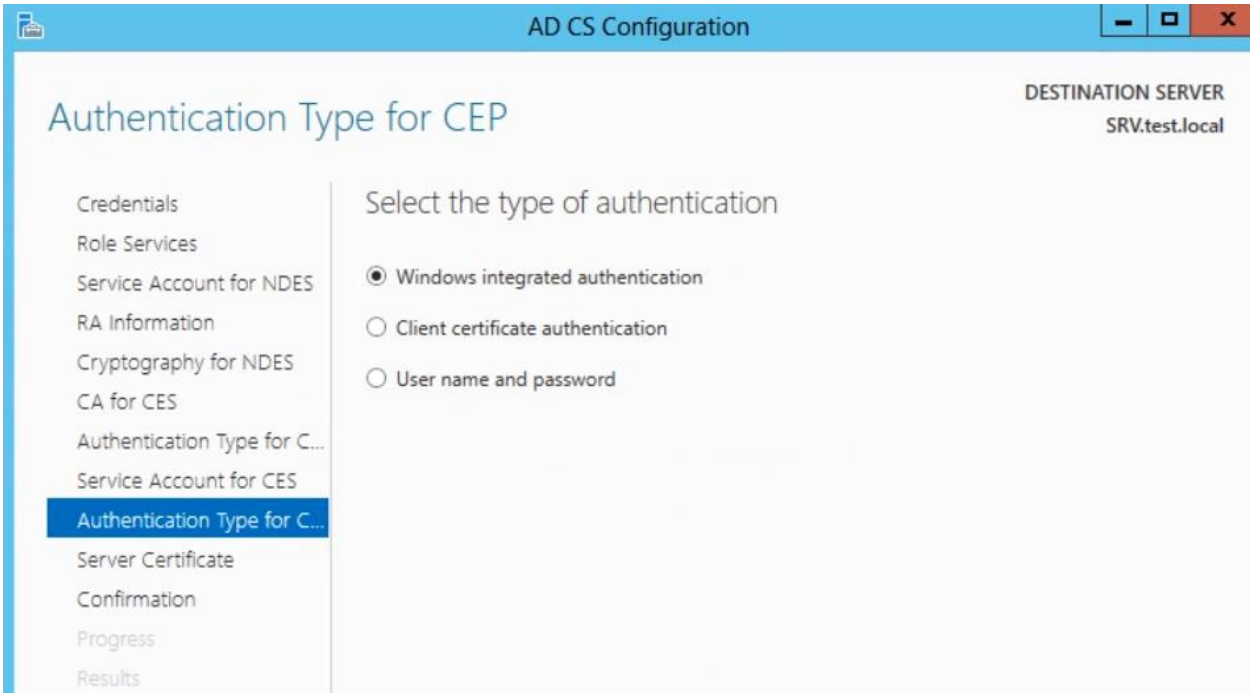
In Authentication Type for CES interface, keep the default Windows integrated authentication



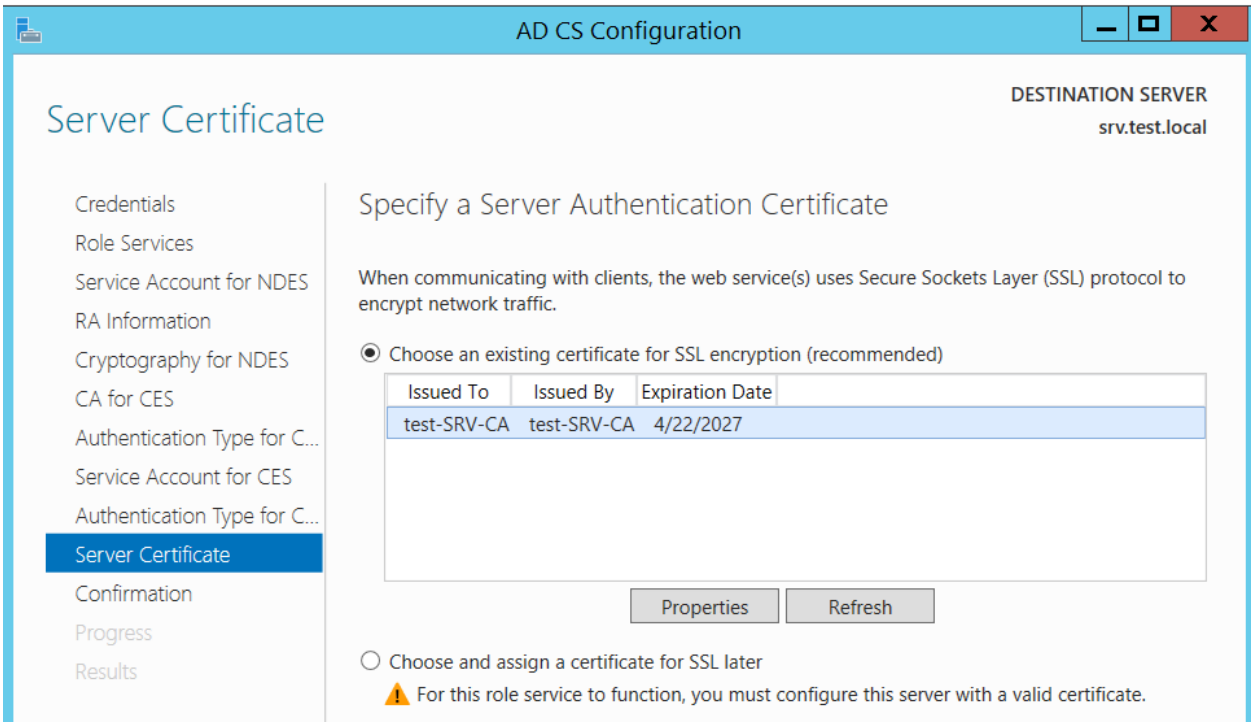
In Service Account for CES interface, verify Credentials is Administrator and then click Next…



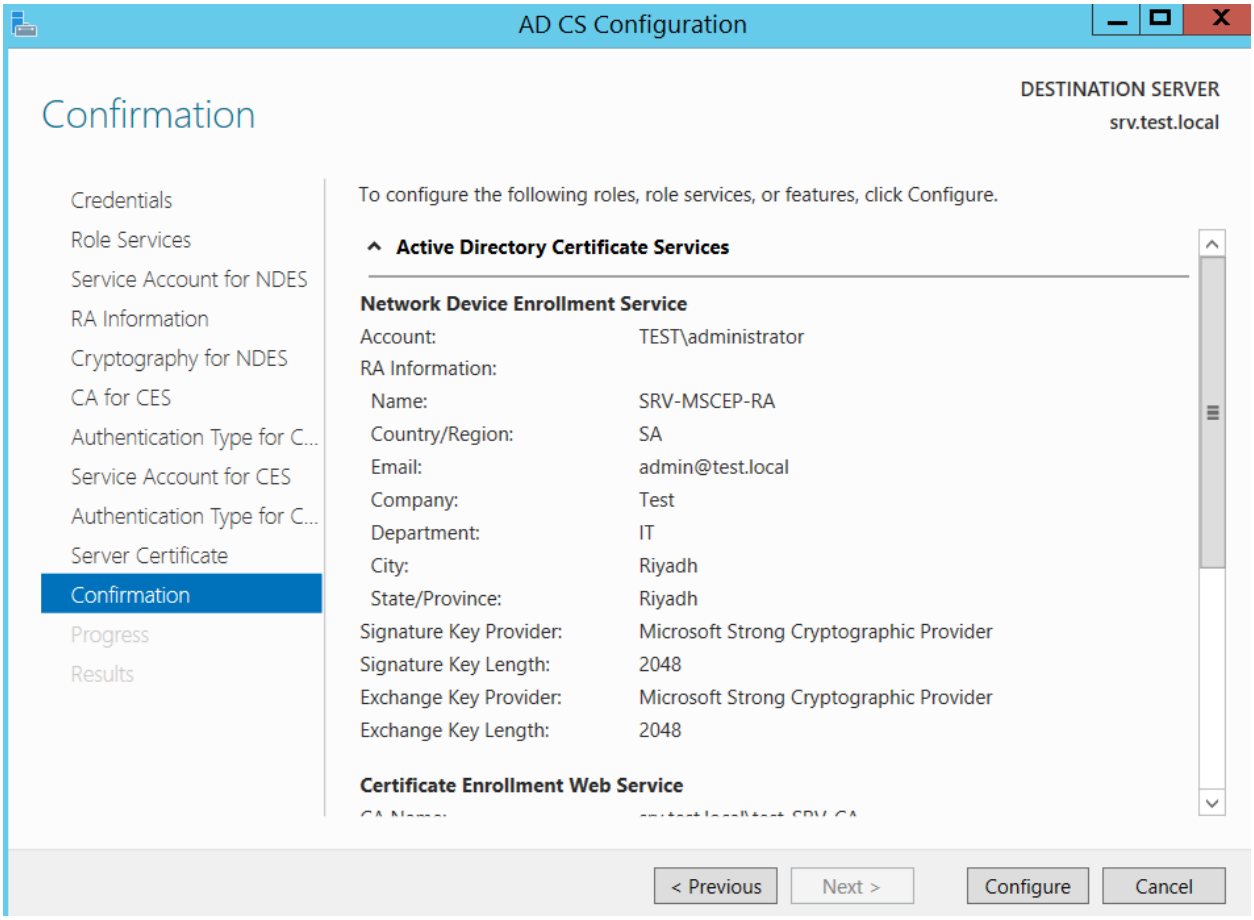
In Authentication Type for CEP interface, keep the default Windows integrated authentication



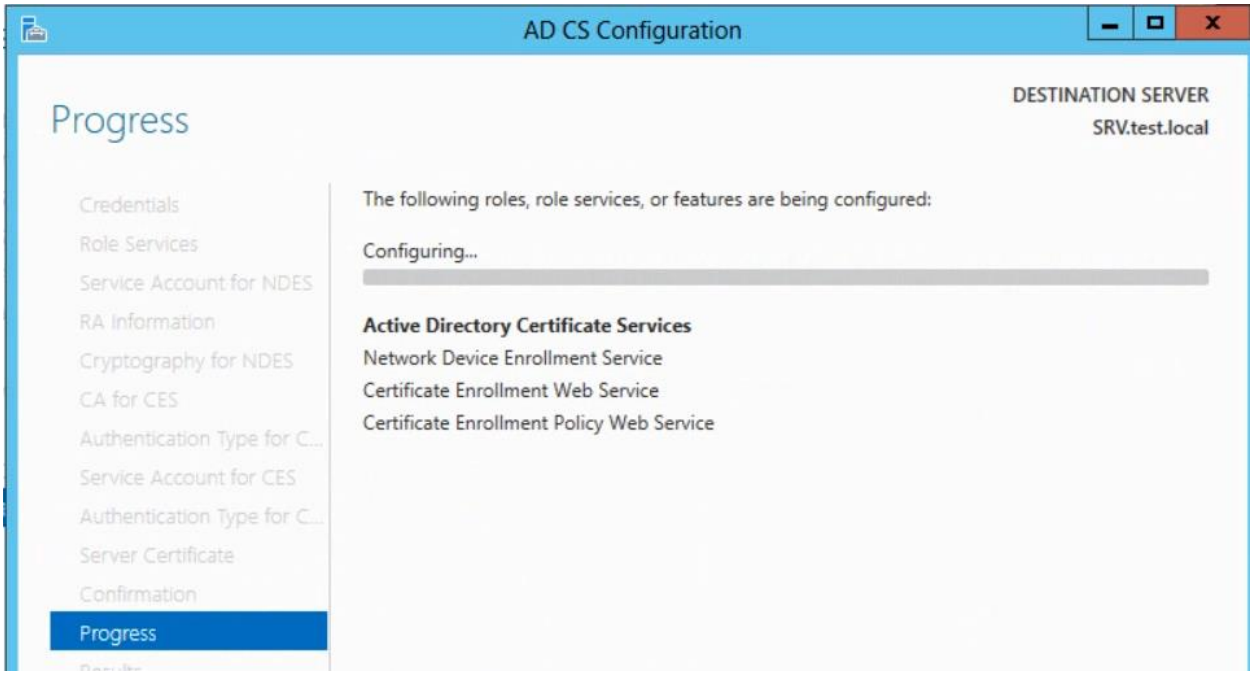
In Server Certificate interface, Keep the default setting and click Next to continue



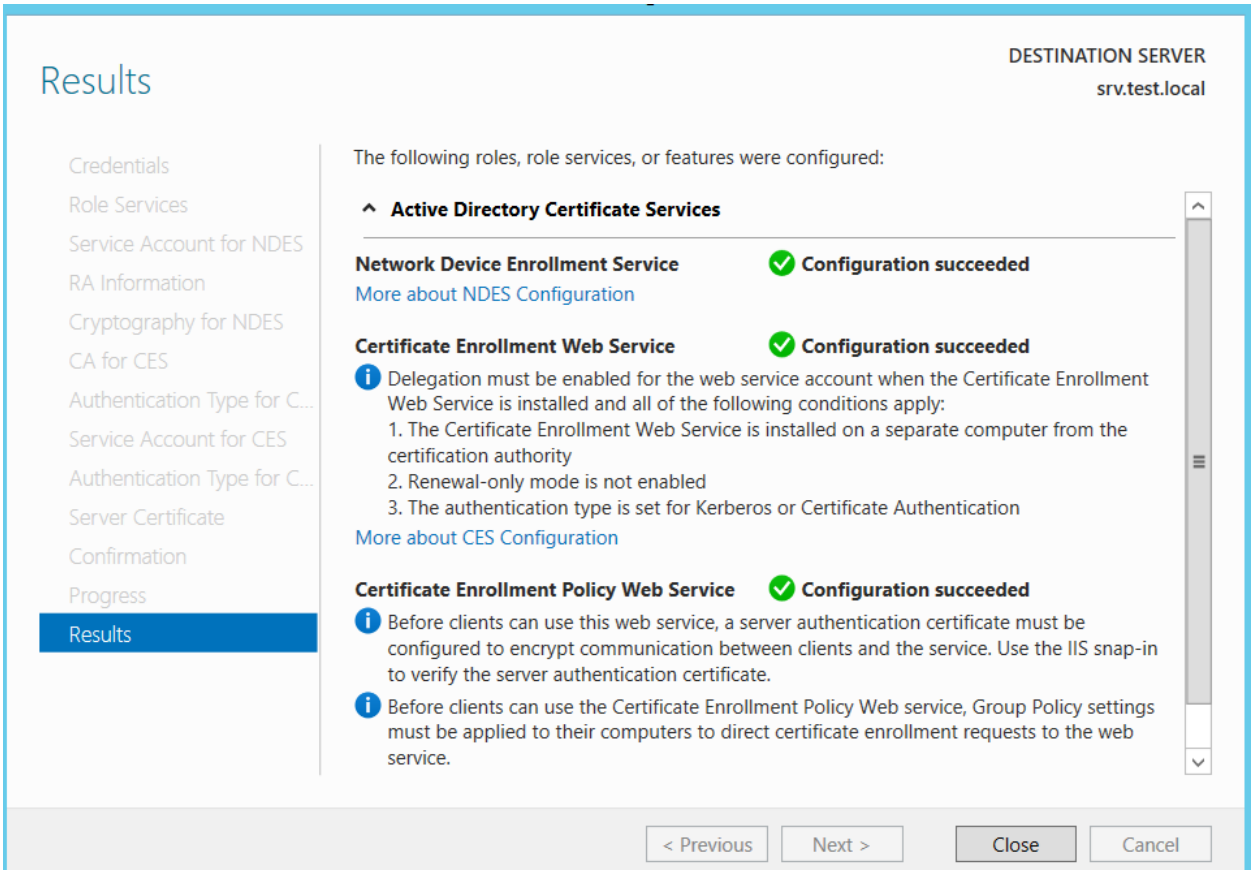
Next in the Confirmation interface, verify again all the settings and then click Configure…



In Progress Interface, wait for moment to install role and features



Finally, all Roles and Features are installed click Close



From any server in the domain, you can connect to http://192.168.100.230/certsrv. This will launch the Certificate Authority Web Enrollment portal.