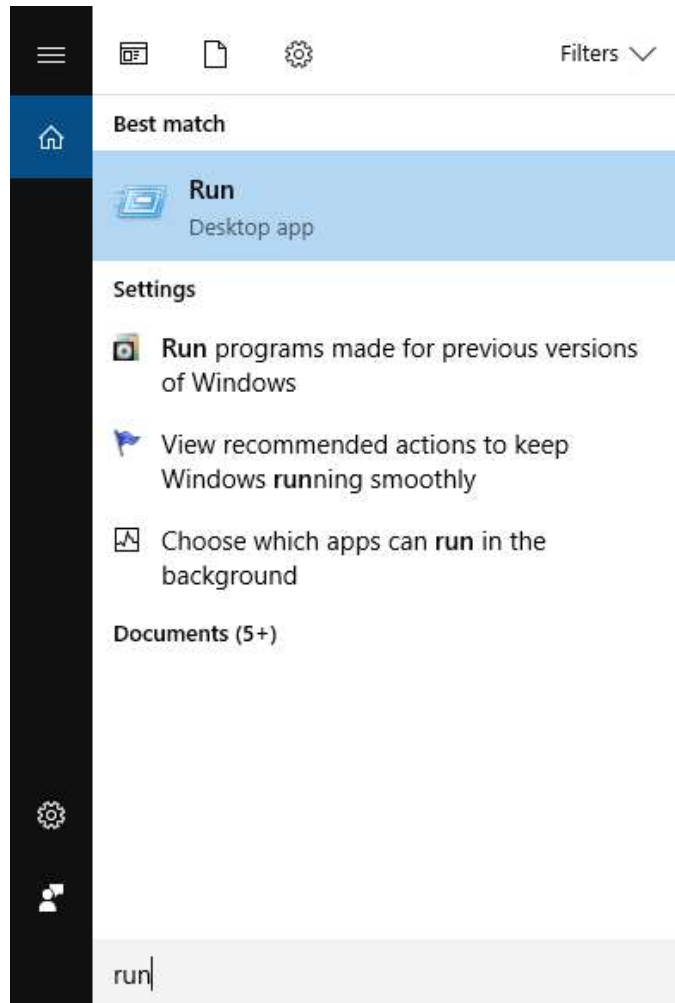
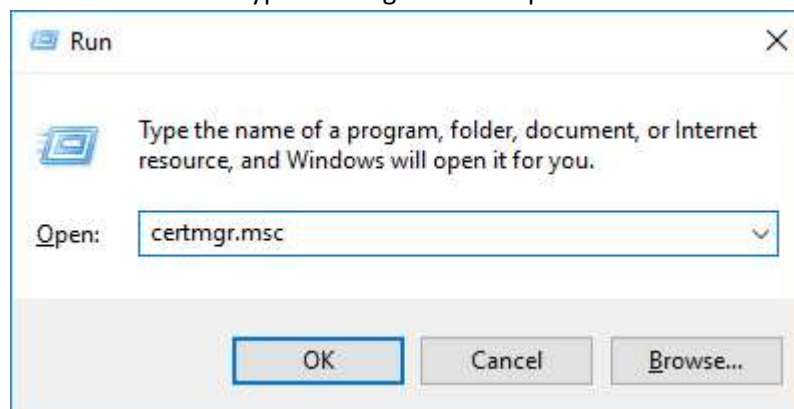


Instructions: Generation of CSR for Smart Card Tokens V1

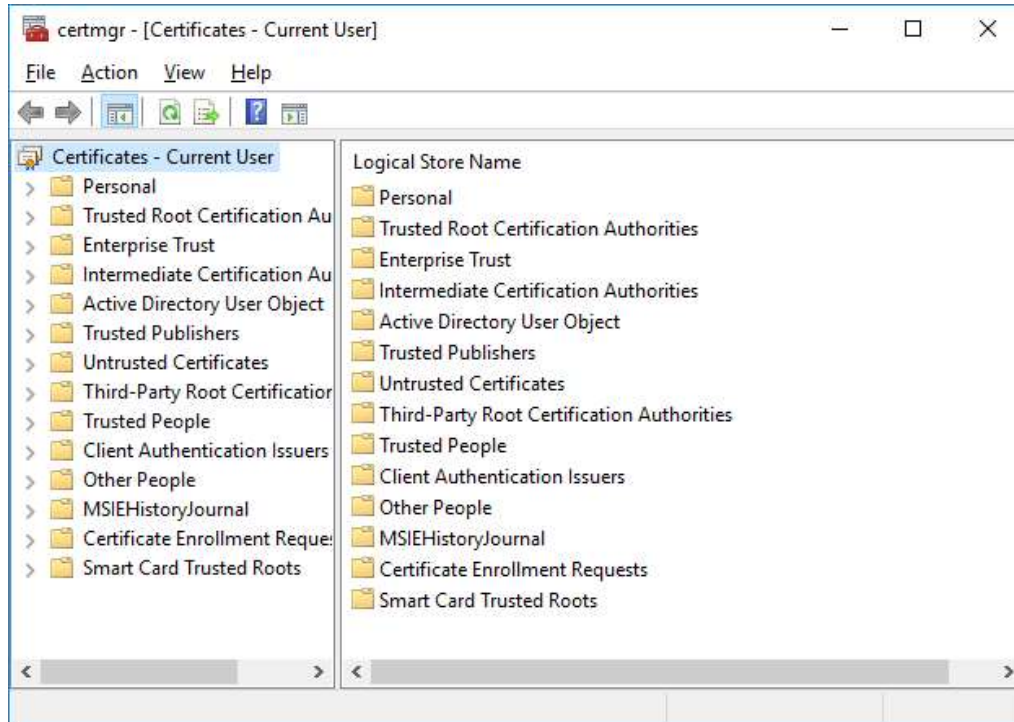
1. **Select** the Search icon from the task bar and type “Run” into the search box



2. **Click** on “Run” and type “certmgr.msc” to open the certificate manager



3. The certificates manager opens up



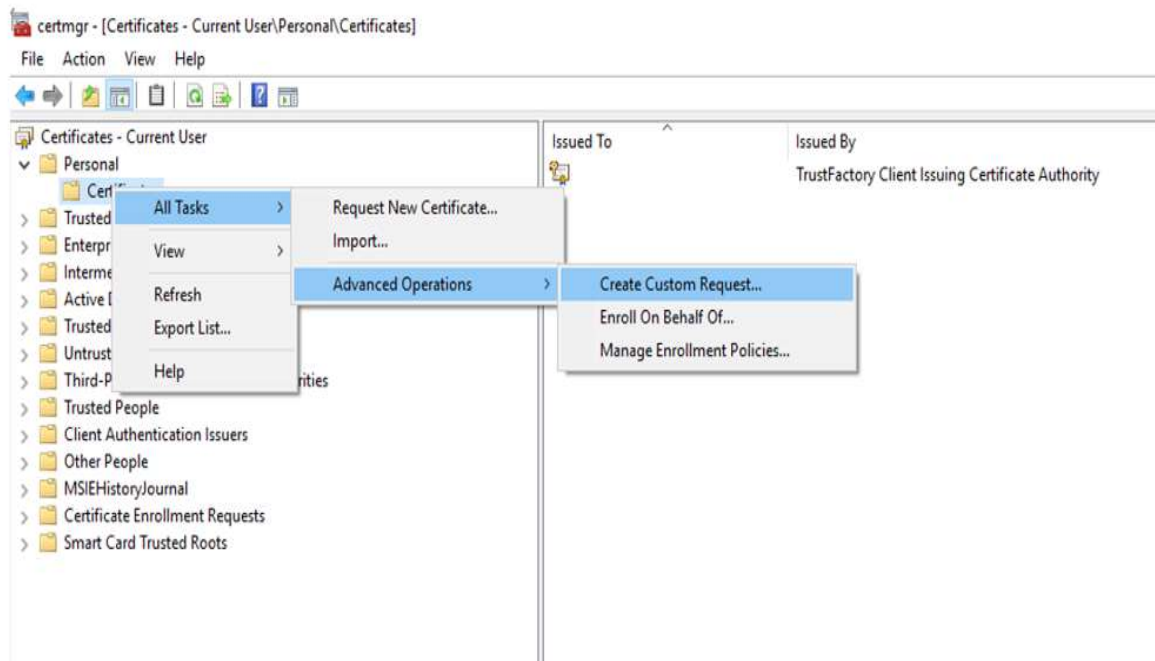
4. Click on Personal:

Right click on "Certificates":

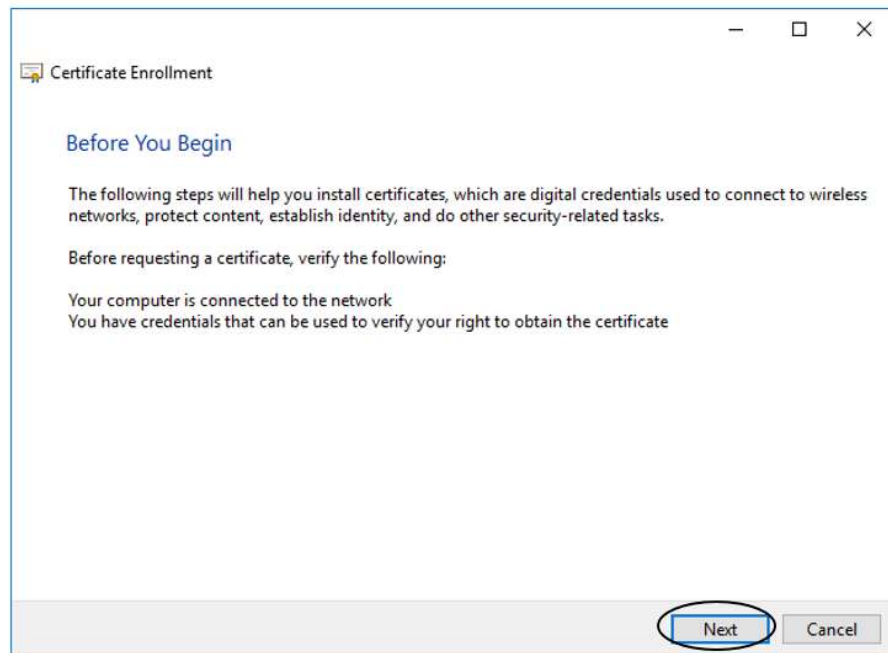
Select "All Tasks"

Select "Advanced Operations"

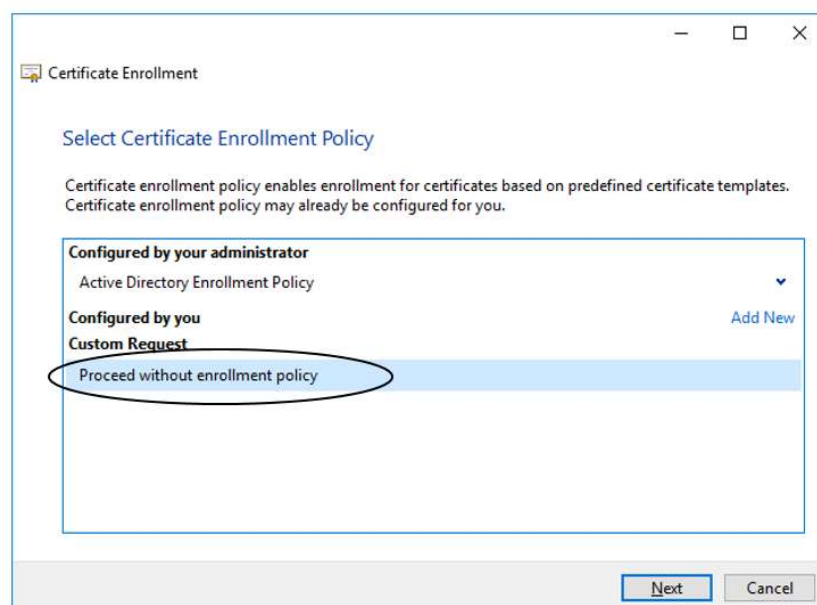
Select "Create Custom Request"



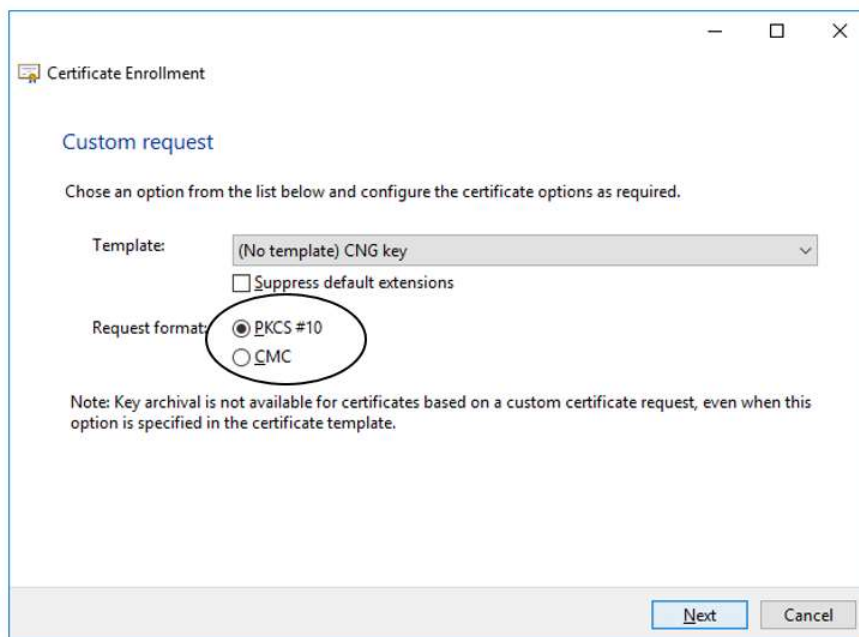
5. The certificate enrolment screen appears.
 - a. **Click** on “Next”



6. Under Select certificate Enrollment Policy,
 - a. **Select** “Proceed without enrolment policy” and click on “Next”

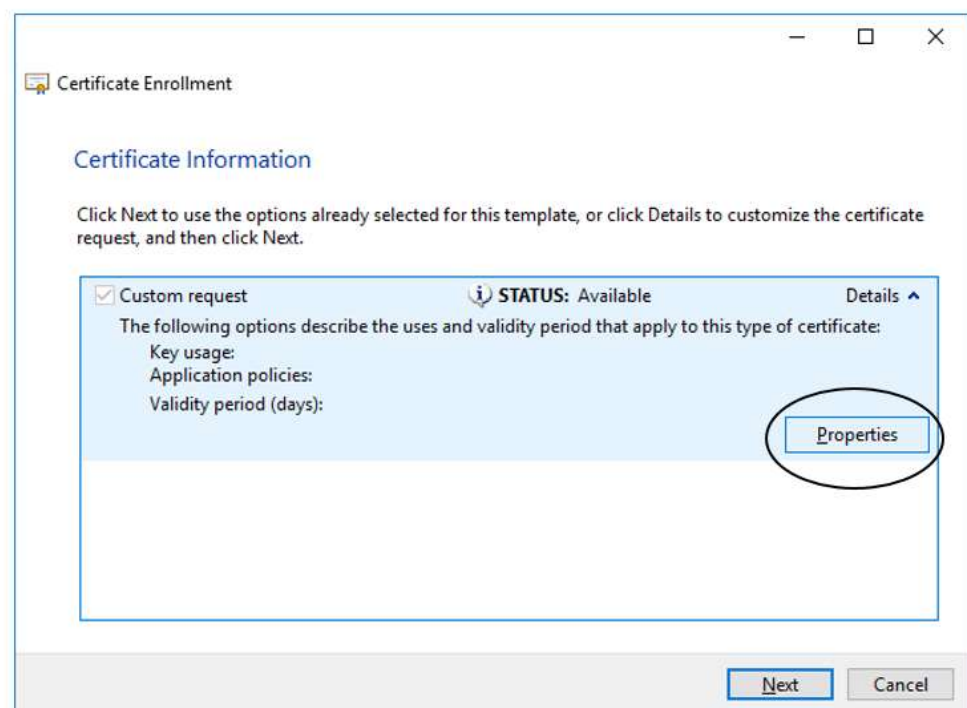


7. Custom request. Ensure the PKCS#10 is **selected** and click on “Next”



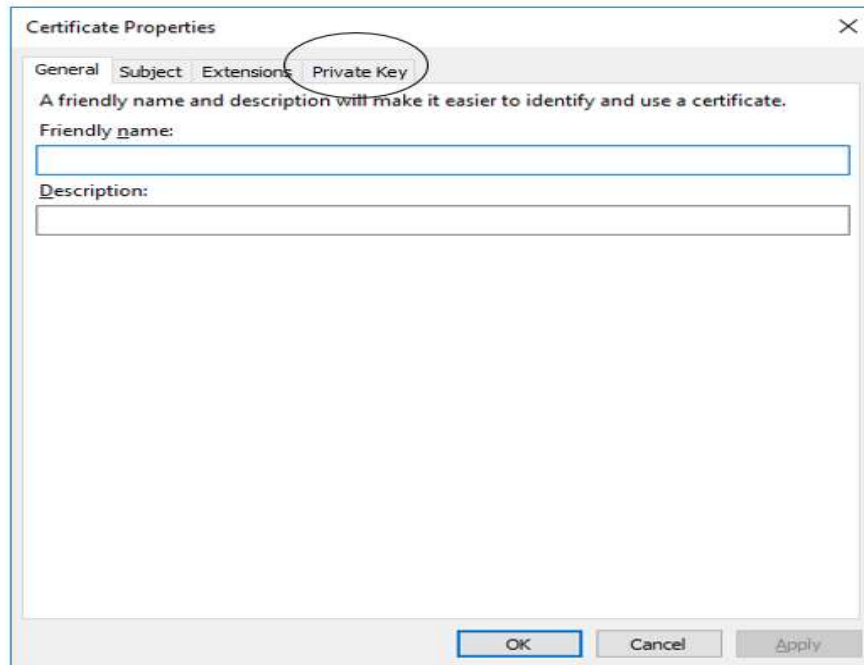
The screenshot shows the 'Certificate Enrollment' window with the 'Custom request' tab selected. The 'Template' dropdown is set to '(No template) CNG key'. The 'Request format' section has two radio buttons: 'PKCS #10' (which is selected and circled) and 'CMC'. A 'Suppress default extensions' checkbox is present and unchecked. A note at the bottom states: 'Note: Key archival is not available for certificates based on a custom certificate request, even when this option is specified in the certificate template.' The 'Next' button is highlighted.

8. Under Certificate Information, **click** on the properties button

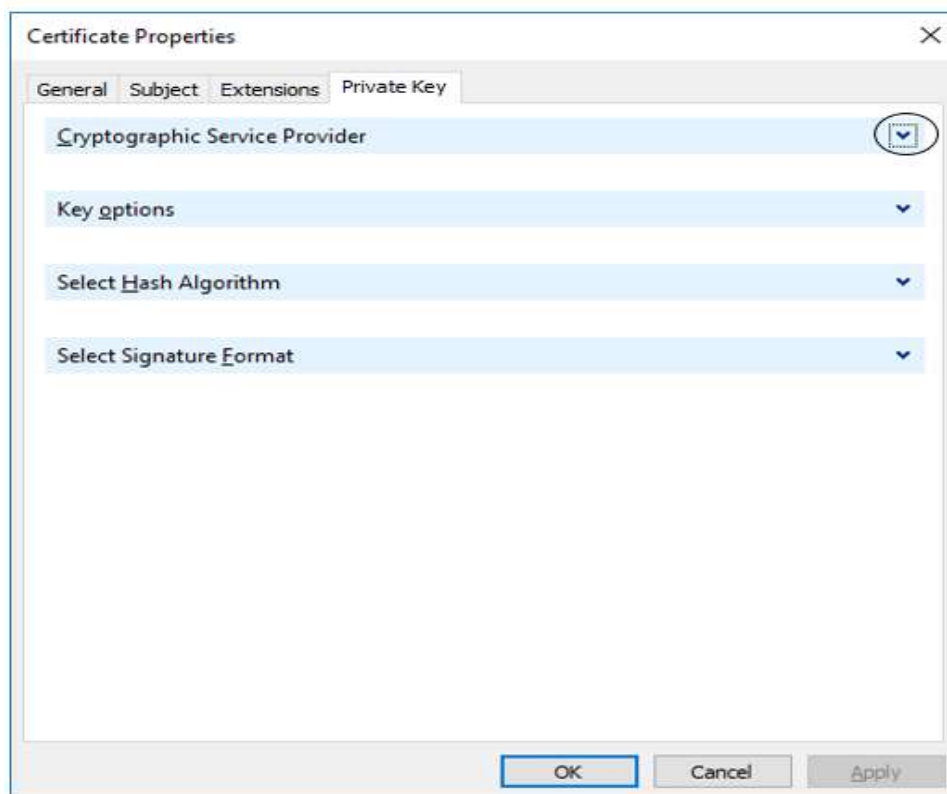


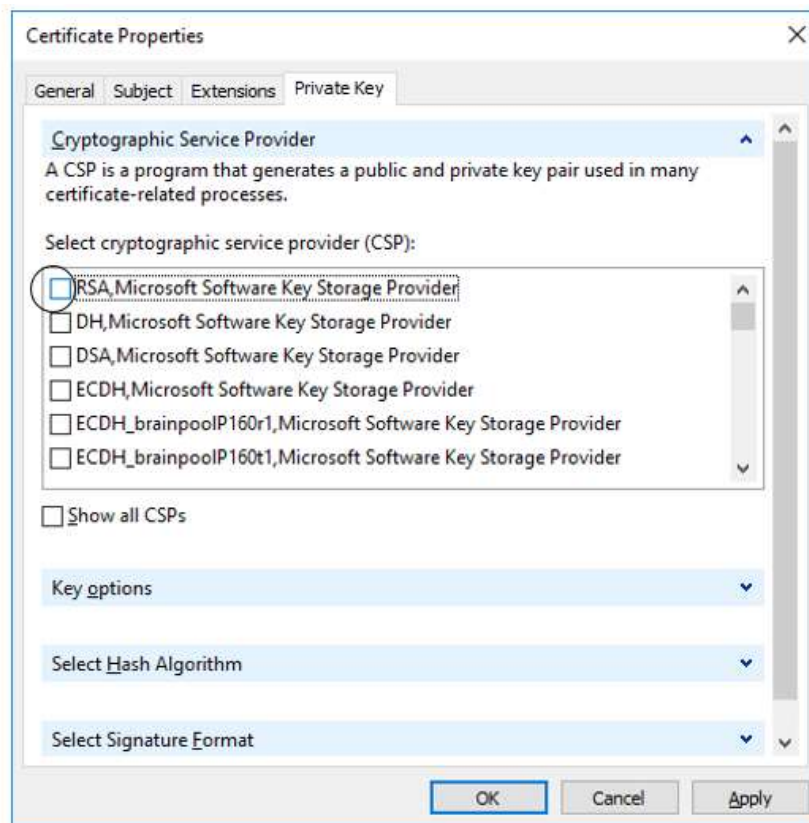
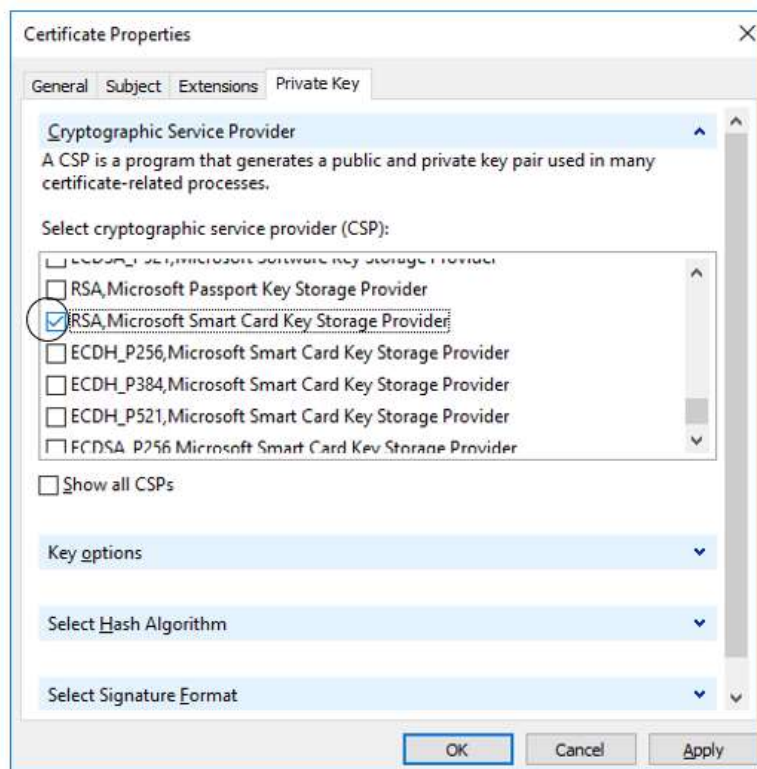
The screenshot shows the 'Certificate Enrollment' window with the 'Certificate Information' tab selected. The 'Custom request' checkbox is checked. The status is 'Available'. The text says: 'Click Next to use the options already selected for this template, or click Details to customize the certificate request, and then click Next.' Below this, a list of options is shown: 'Key usage:', 'Application policies:', and 'Validity period (days):'. A 'Properties' button is circled in the bottom right corner of the list. The 'Next' button is highlighted at the bottom of the window.

9. The “Certificate Properties” screen will open.
 - a. **Select** The “Private Key” tab

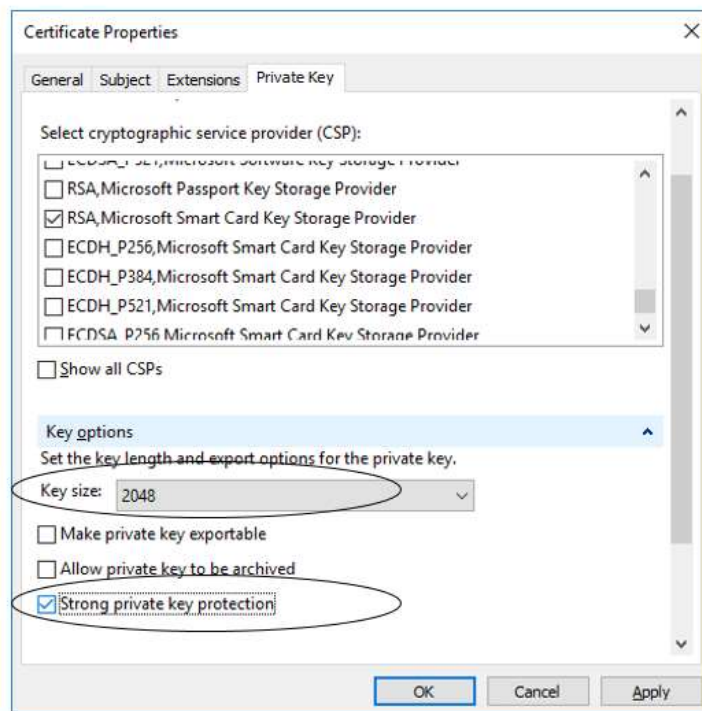


10. **Expand** the “Cryptographic Service provider settings by clicking on the arrow for expansion

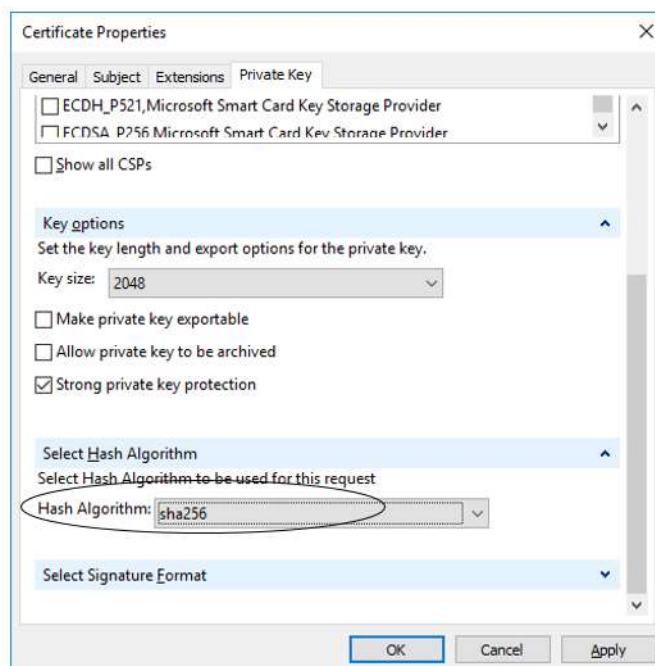


11. Deselect the “RSA, Microsoft Software Key Storage Provider”**12. Scroll down and Select the “RSA, Microsoft Smart Card Key Storage Provider”:**

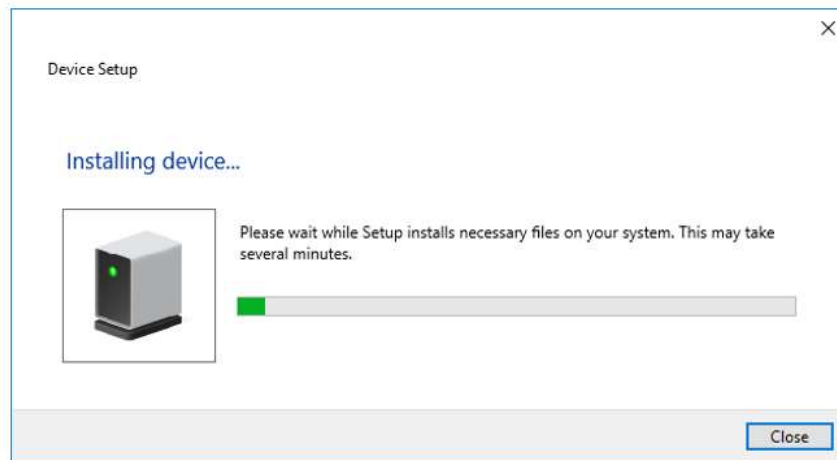
13. Now expand the Key options section and
 - a. **Select “2048” under “Key Size”**
 - b. **Select “Strong Private Key protection”**



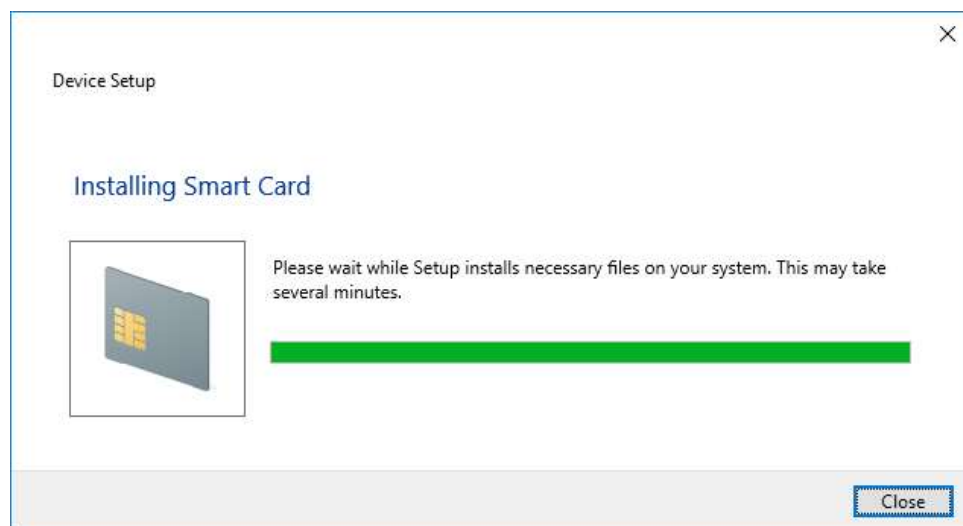
14. Now **Expand** on the “Select Hash Algorithm” section
 - a. **Select “sha256”**



15. At this point, insert the Smart Card into the USB drive.
 - a. The drivers will begin to install



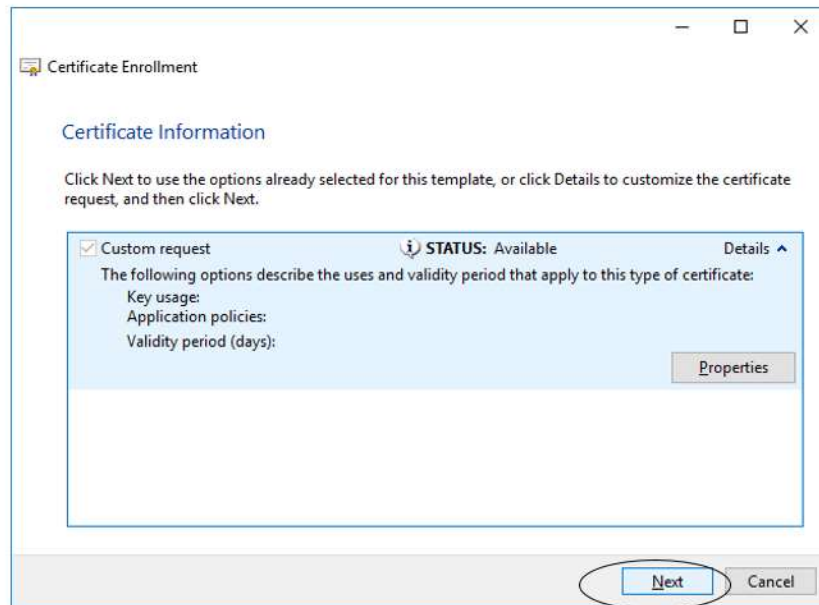
- b. The system will install the Smart Card as well



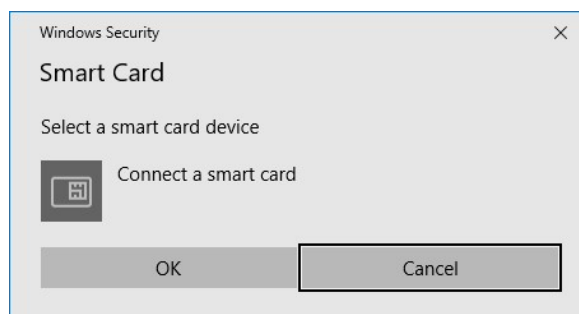
16. If this is the first time that you are using your Smart Card, please refer to the user guide on how to change the Smart Card pin, before proceeding further

17. **After** you have set the necessary certificate information as detailed above, **AND** you have installed and changed your Smart Card pin,

- a. **Click** on the Next Button in the “Certificate Information Tab”

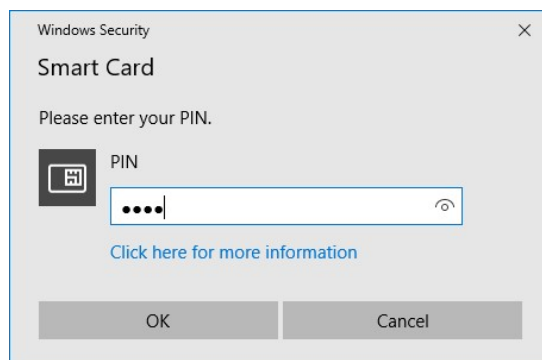


18. You will be asked to connect a smart card



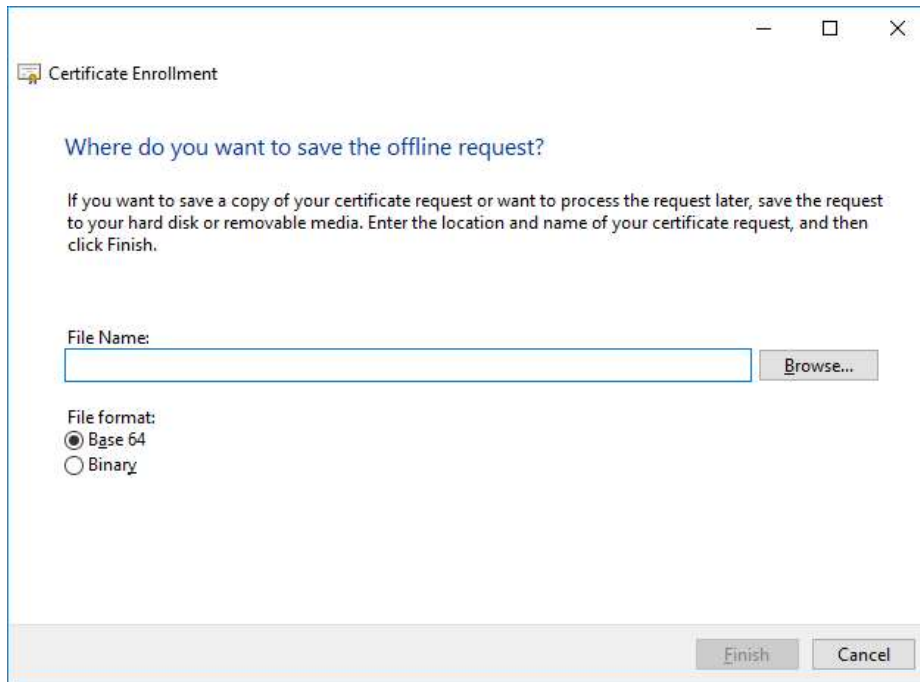
19. **Wait** until keys are generated

- a. Then enter you smart card pin



20. You will be prompted to save the offline request.

- a. **Select** the “Browse” button, **Name and Save** the CSR file to the location you prefer



Certificate Enrollment

Where do you want to save the offline request?

If you want to save a copy of your certificate request or want to process the request later, save the request to your hard disk or removable media. Enter the location and name of your certificate request, and then click Finish.

File Name:

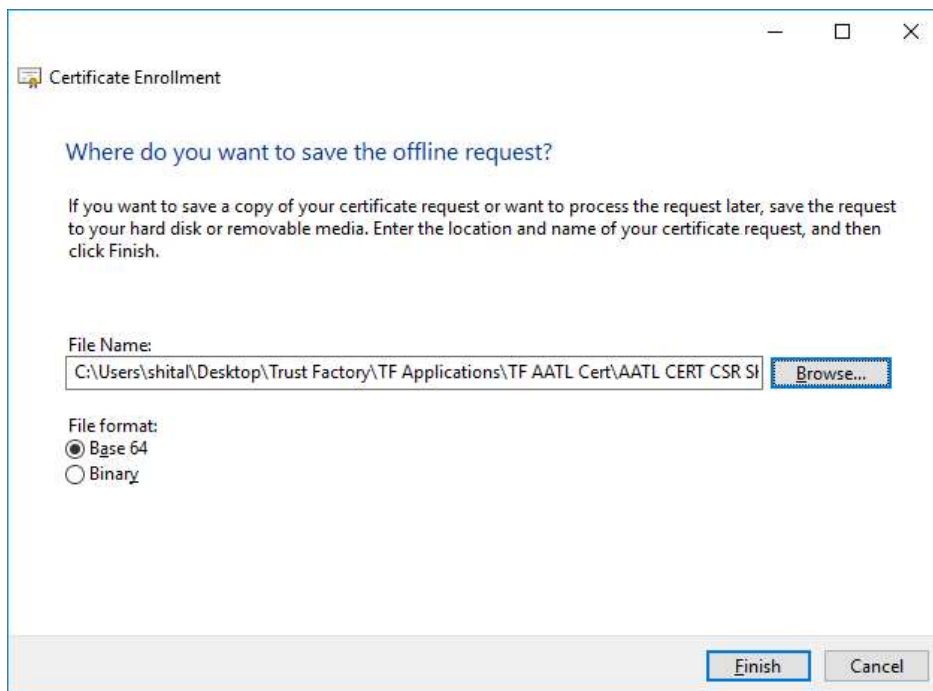
[Browse...](#)

File format:

☒ Base 64

☐ Binary

[Finish](#) [Cancel](#)



Certificate Enrollment

Where do you want to save the offline request?

If you want to save a copy of your certificate request or want to process the request later, save the request to your hard disk or removable media. Enter the location and name of your certificate request, and then click Finish.

File Name:

C:\Users\shital\Desktop\Trust Factory\TF Applications\TF AATL Cert\AATL CERT CSR SI

[Browse...](#)

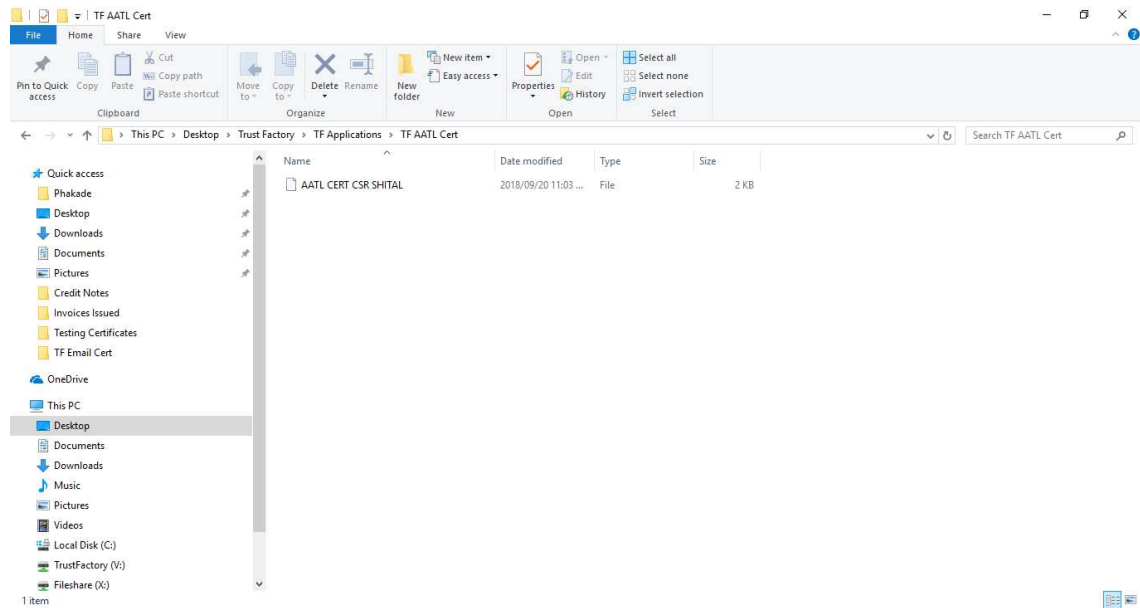
File format:

☒ Base 64

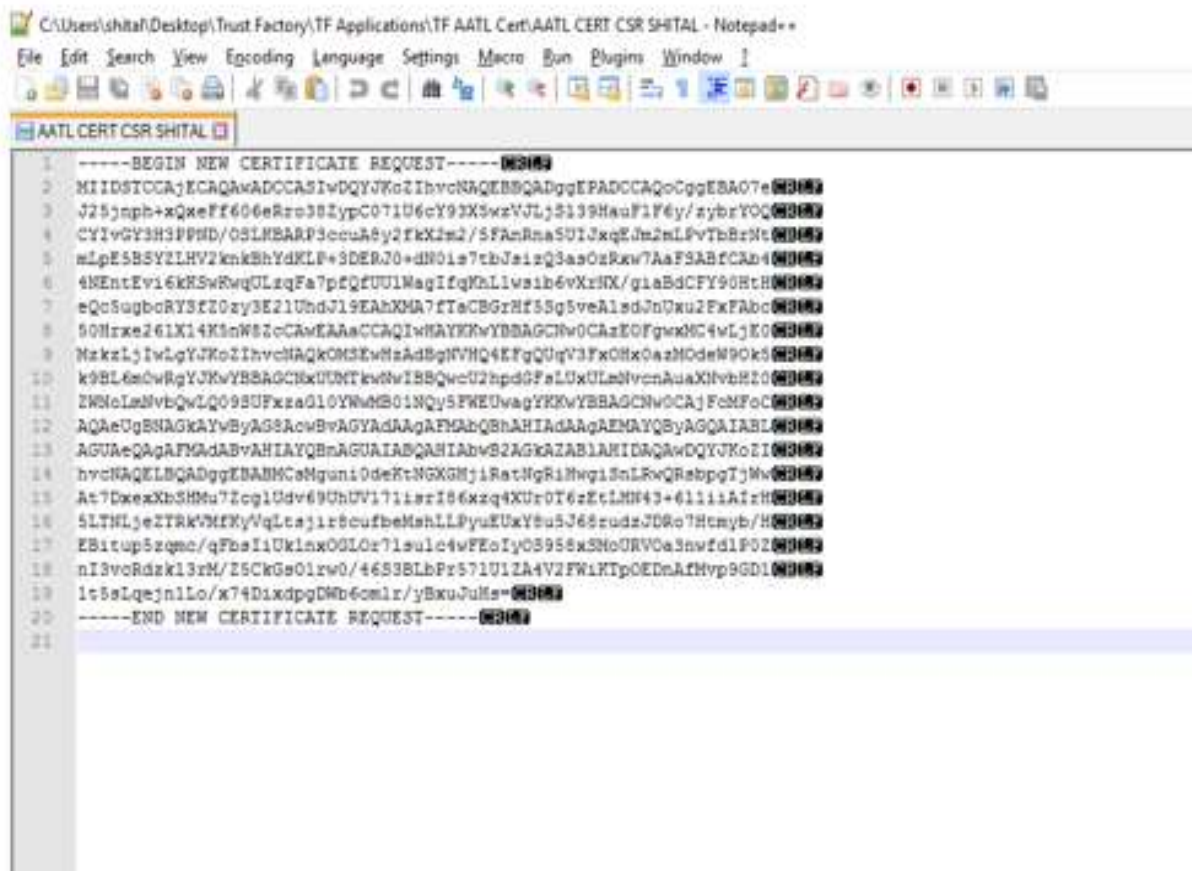
☐ Binary

[Finish](#) [Cancel](#)

21. The CSR file will then be saved in your specified location as per example below



22. To View or Copy the CSR, open the saved document in notepad. You will then be able to View or Copy the CSR.



23. The End