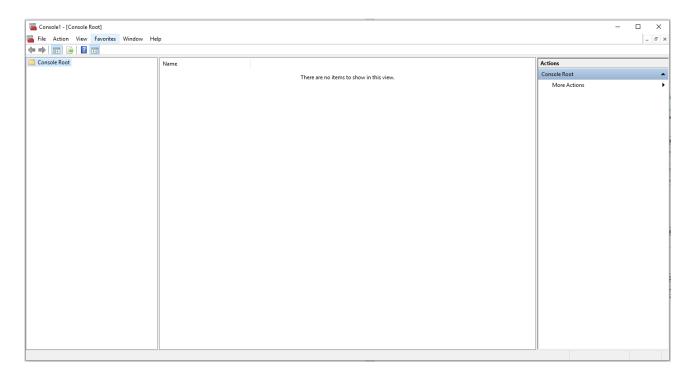
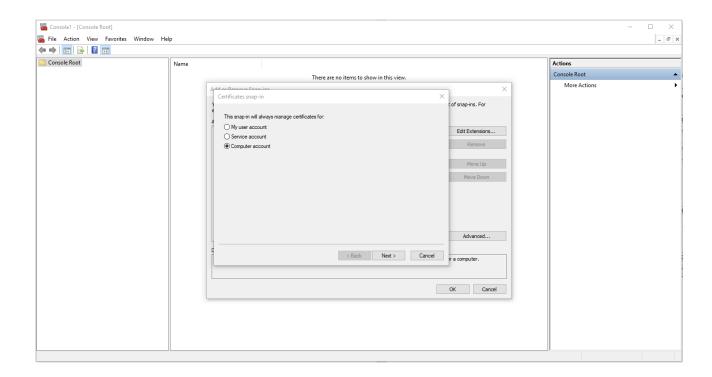
## Generate CSR

## **On Microsoft environment** this is the best way to generate a CSR

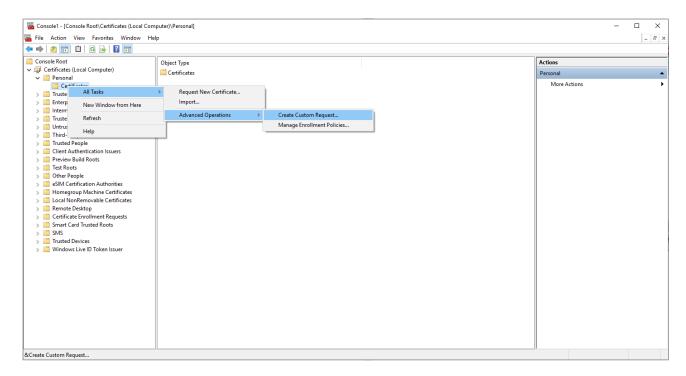
1- Run mmc.exe



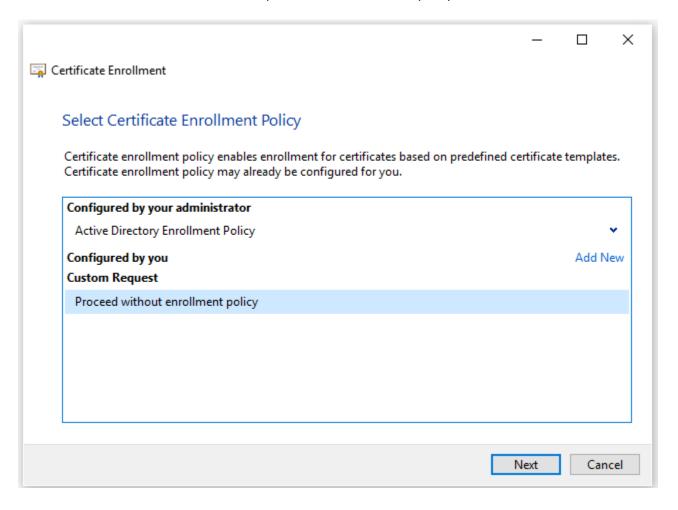
- 2- Press File -> Add/Remove Snap-In
- 3- From the Left pane choose certificate and choose computer account



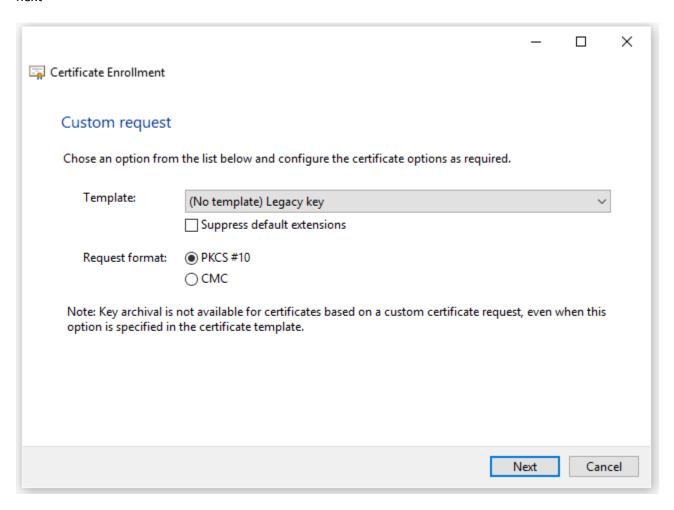
- 4- Next -> Finish and then OK
- 5- From left pane Certificates->Personal
- 6- Right click and choose advanced operations -> Create Custom request



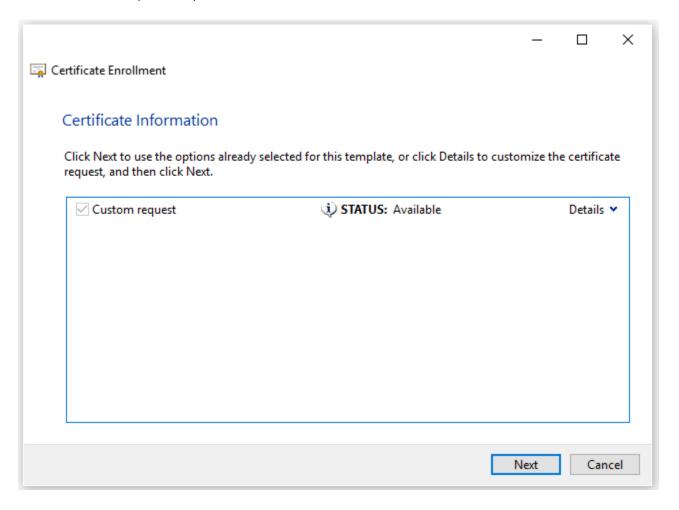
7- Press Next and then choose custom request without enrollment policy

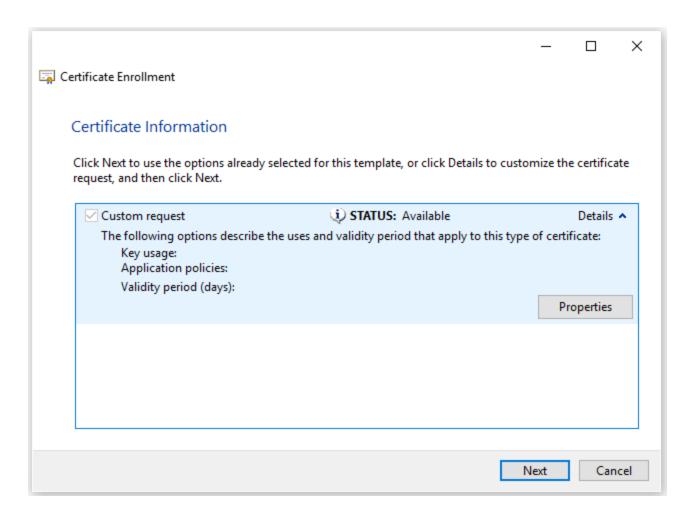


8- Press next choose from template combo box (<no template> legacy key) keep format PKCS#10 and click next

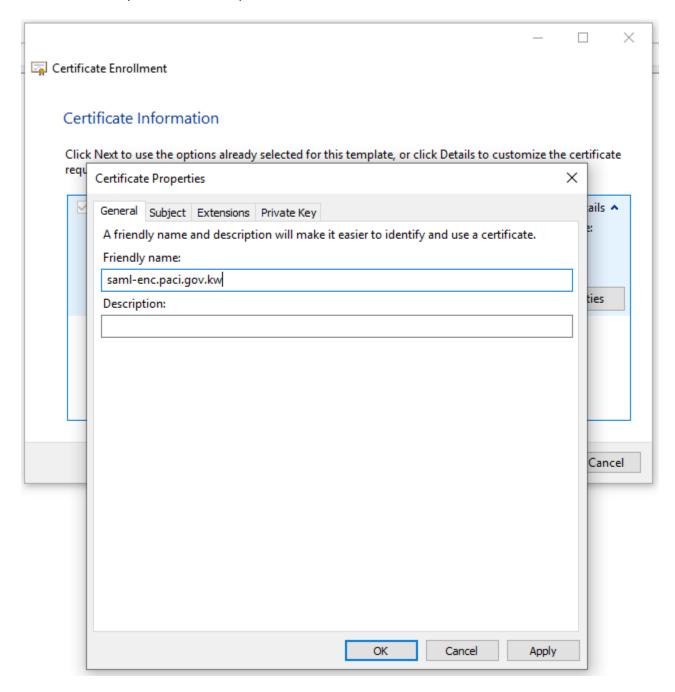


## 9- Press Detail then press Properties

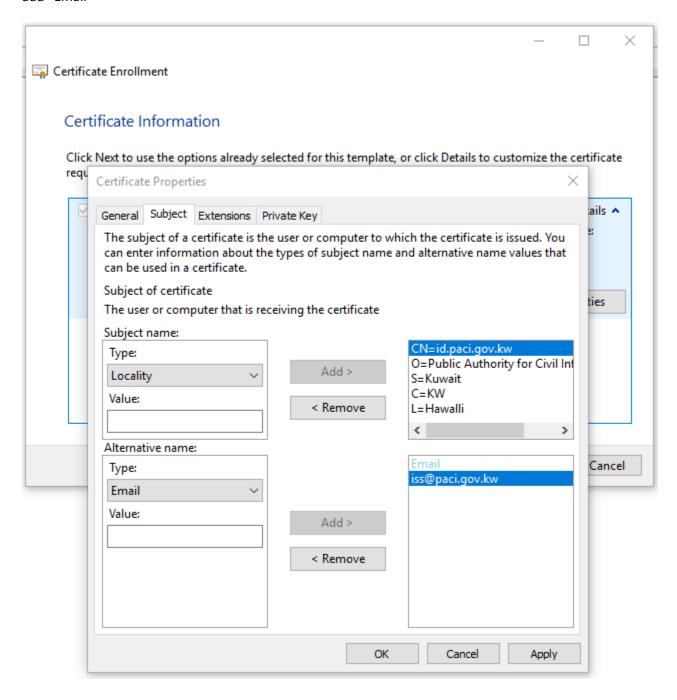




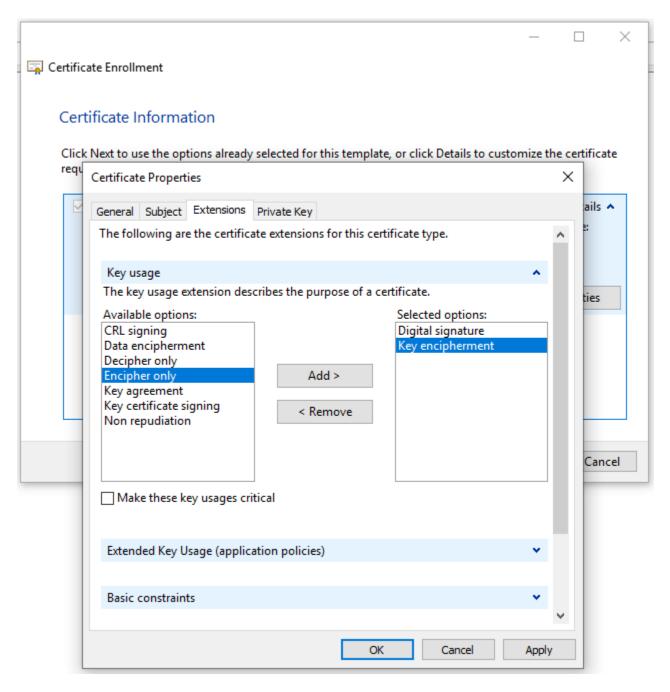
## 10- Fill the friendly name with description and server name



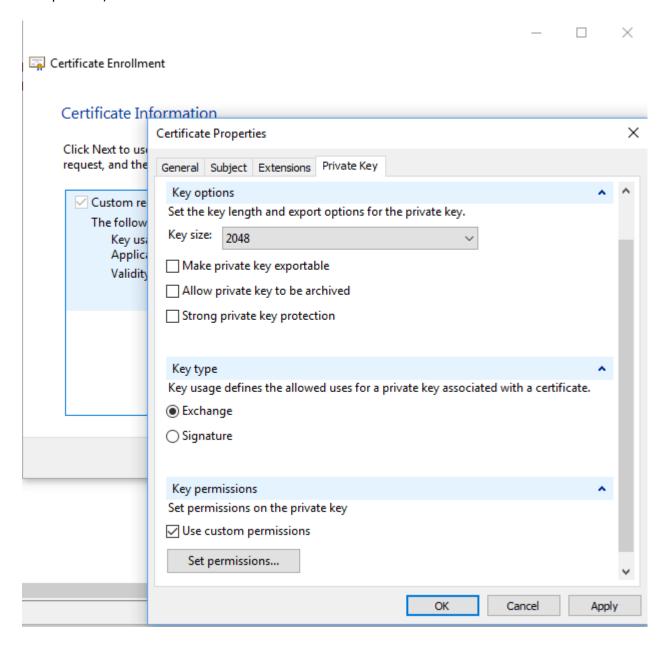
11- In subject tab add the following "CN, O, S, L" with you details information. In subject alternative name add "Email"



12- In extension tab choose "Key Encipherment and Key Signature" (for signing certificate you can choose only Key signing



- 13- In Private Key tab choose Key options "key length 2048" and use custom permission in custom permission allow the IIS app to be able to use the custom key by default allowing user "IIS APPPool\DefaultAppPool" will be suffice unless you are using a different user for the IIS other than defaultapppool user
- 14- For decryption certificate you "must" change key type to exchange (For MID please don't mark the key as exportable)



15- Click ok and then next and then choose the file location and keep the file format as Base 64.