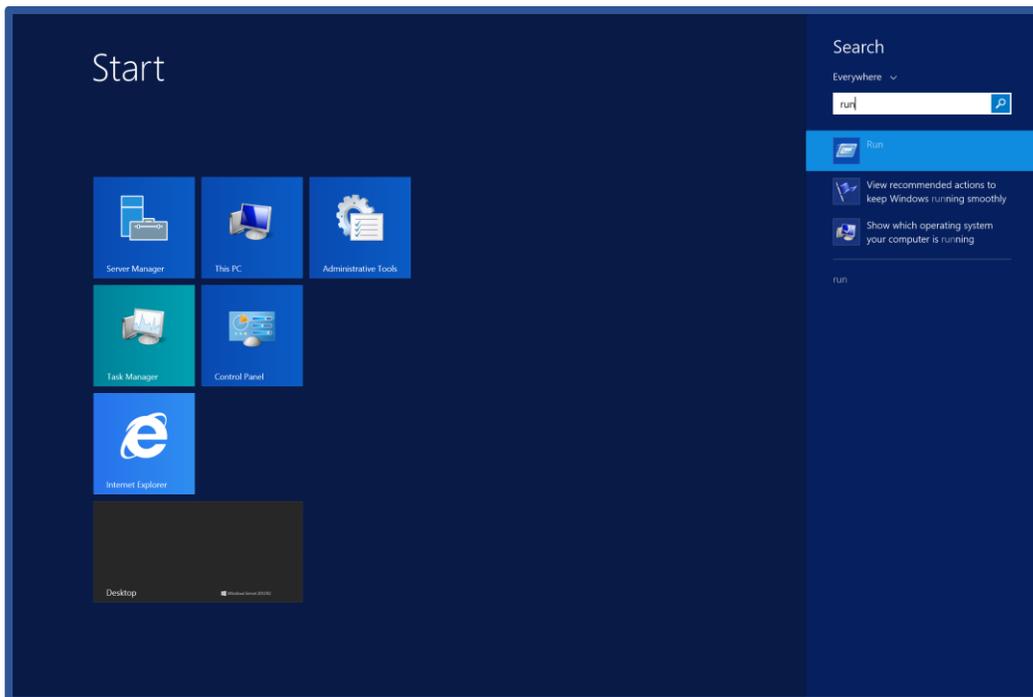


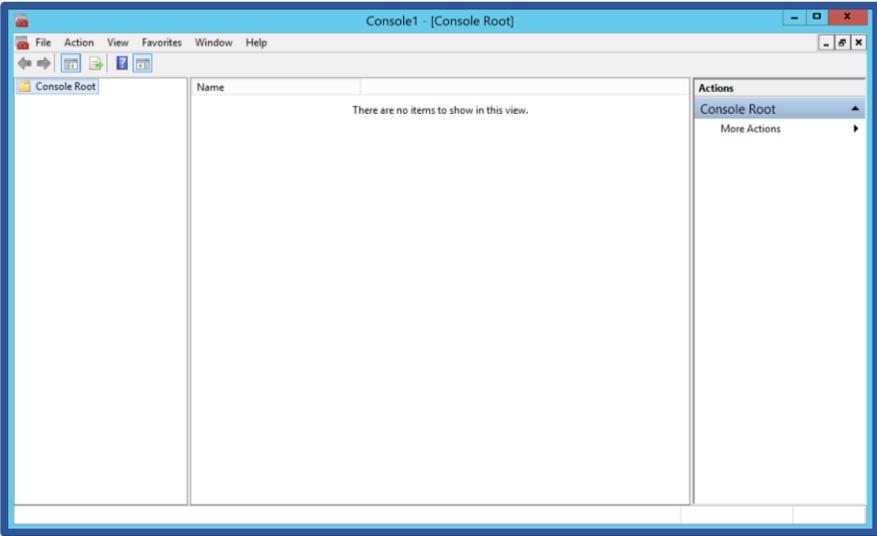
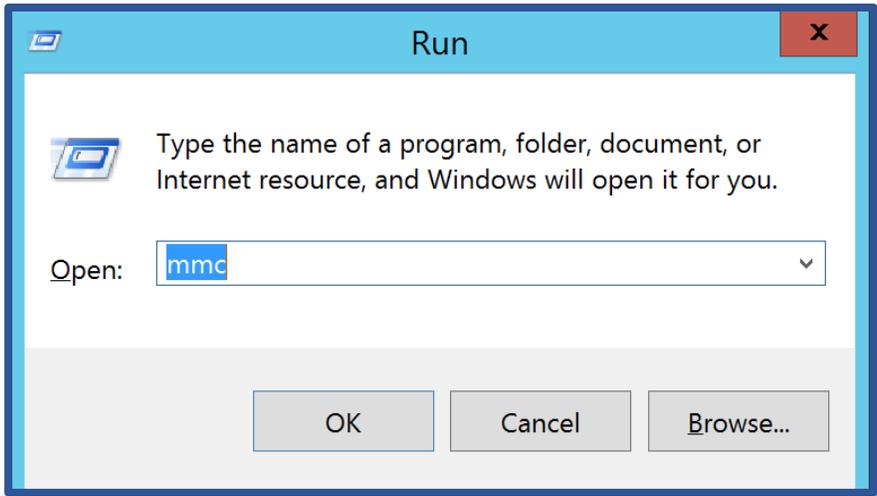


How to Import & Replace Certificate for ADFS

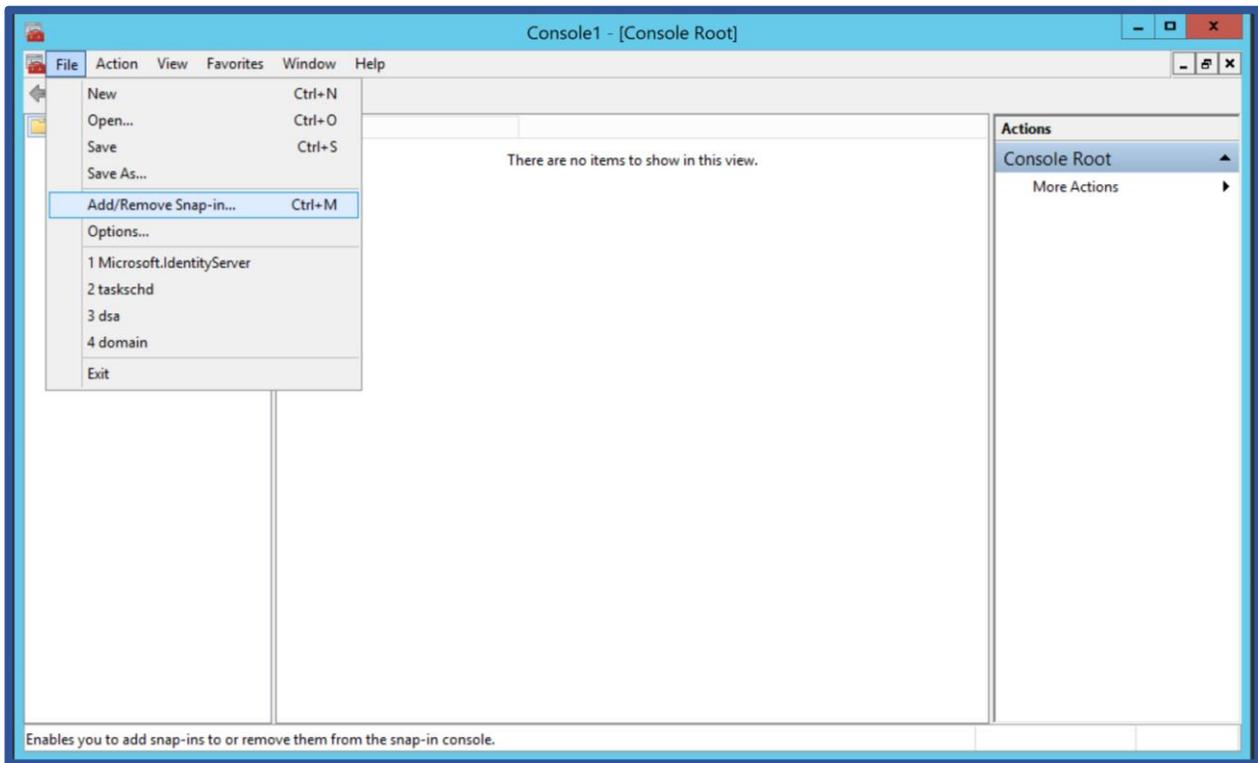
How to Import the certificate to the server:

1- Open Start menu "Run" type "*mmc*".

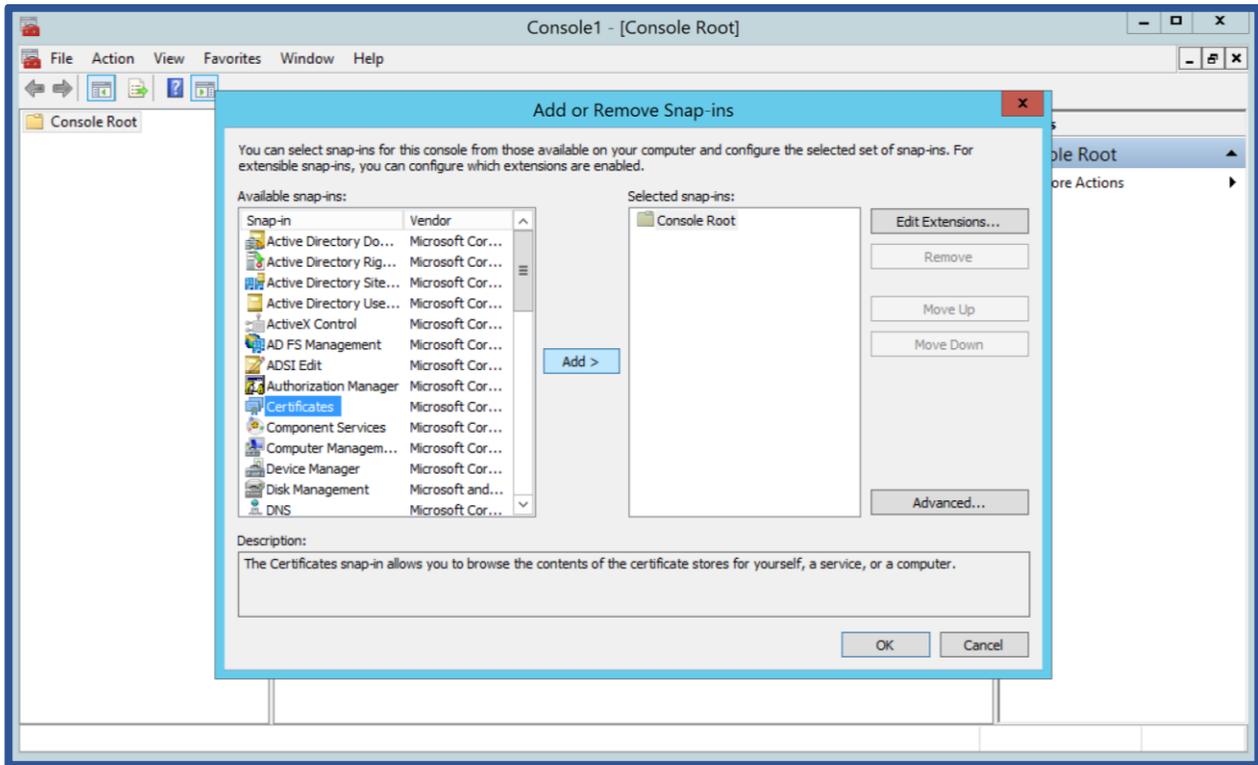




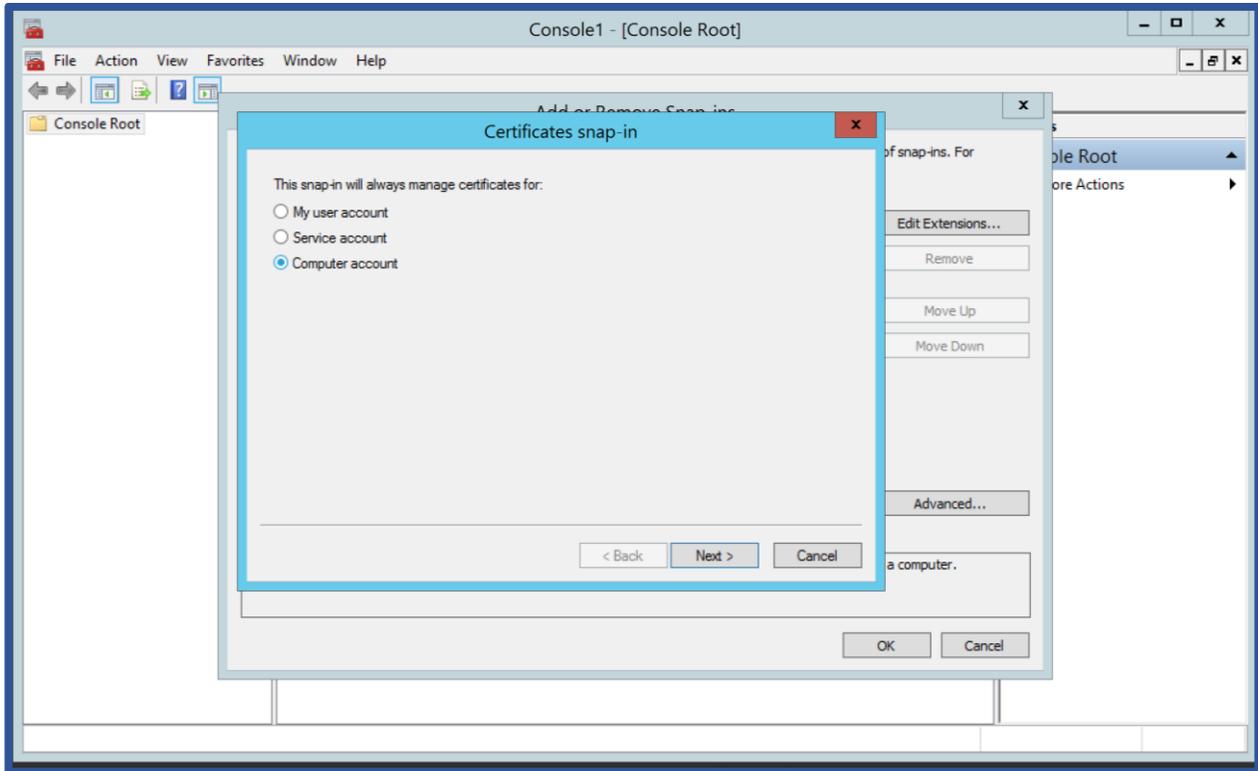
2- Click File Add/Remove Snap-in.



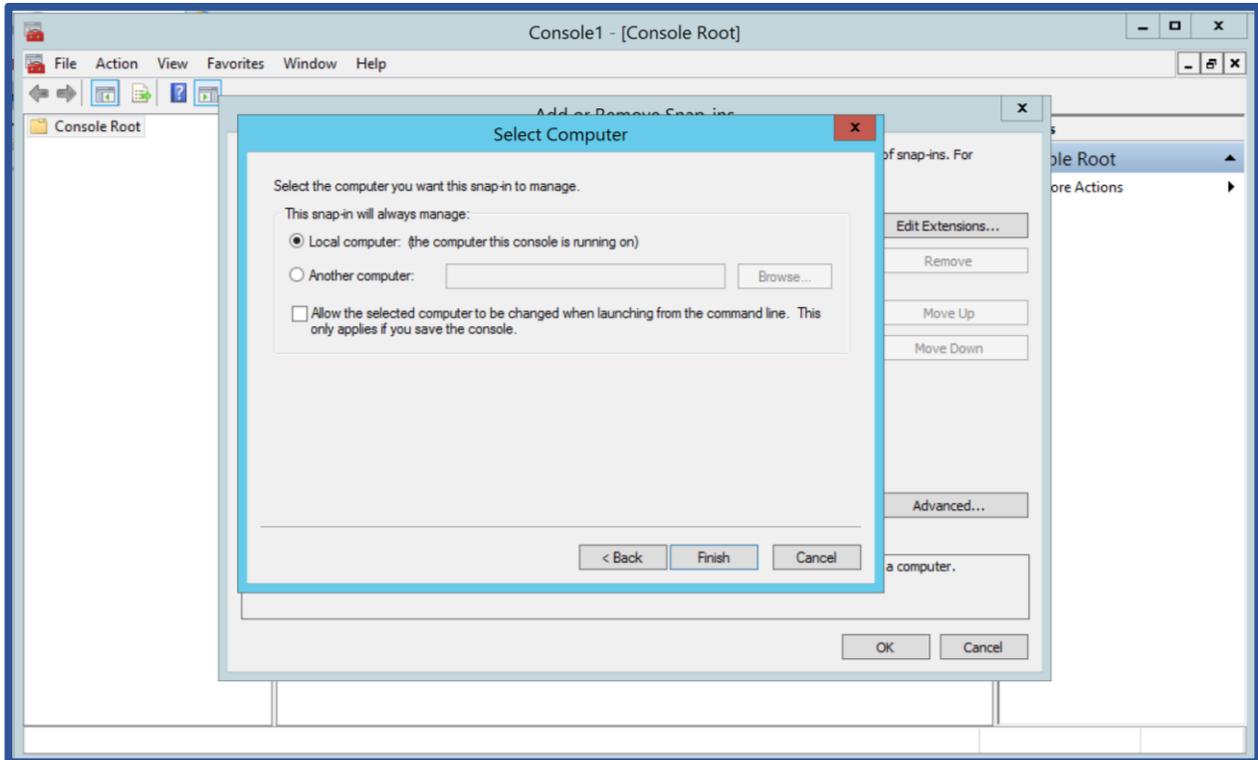
3- Search for “*Certificates*” in the Available snap-ins list à click “*Add*”.



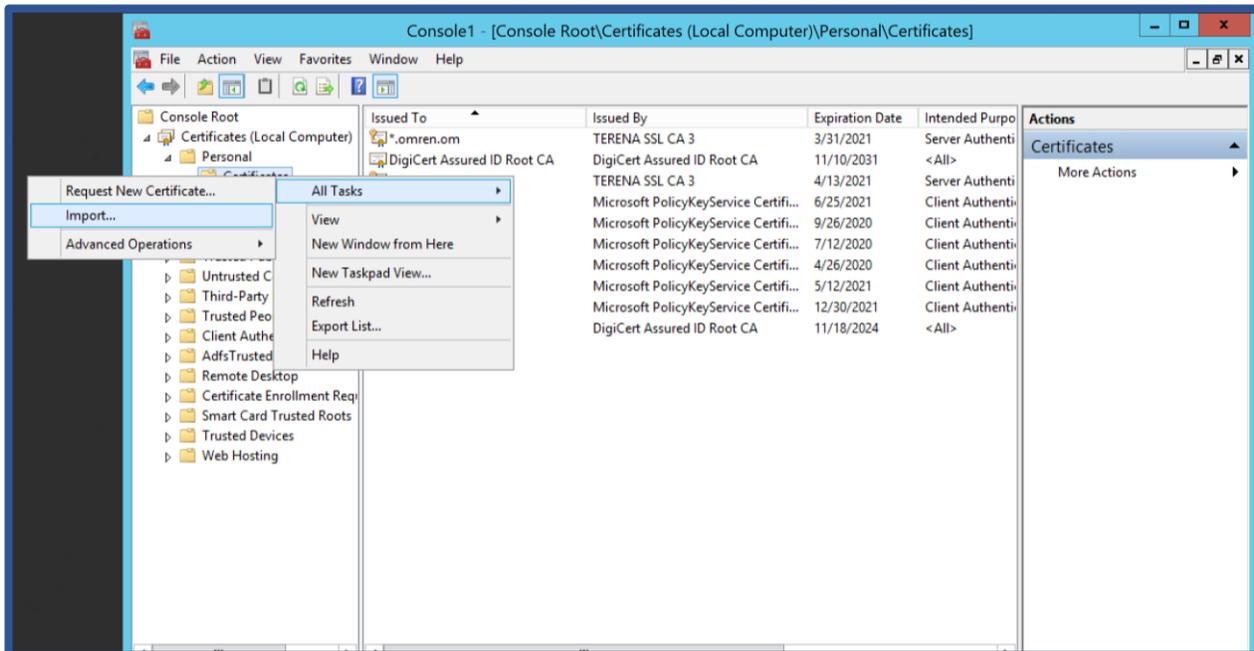
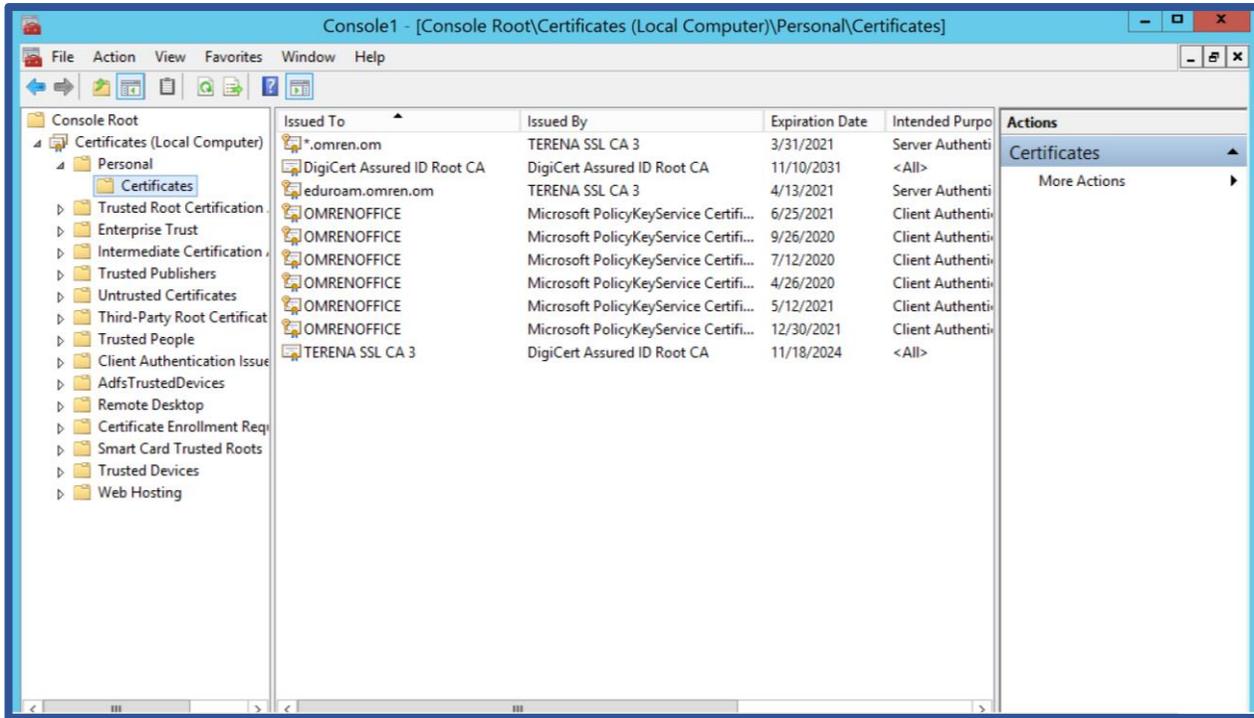
4- Select “*Computer Account*” and click “*Next*”.



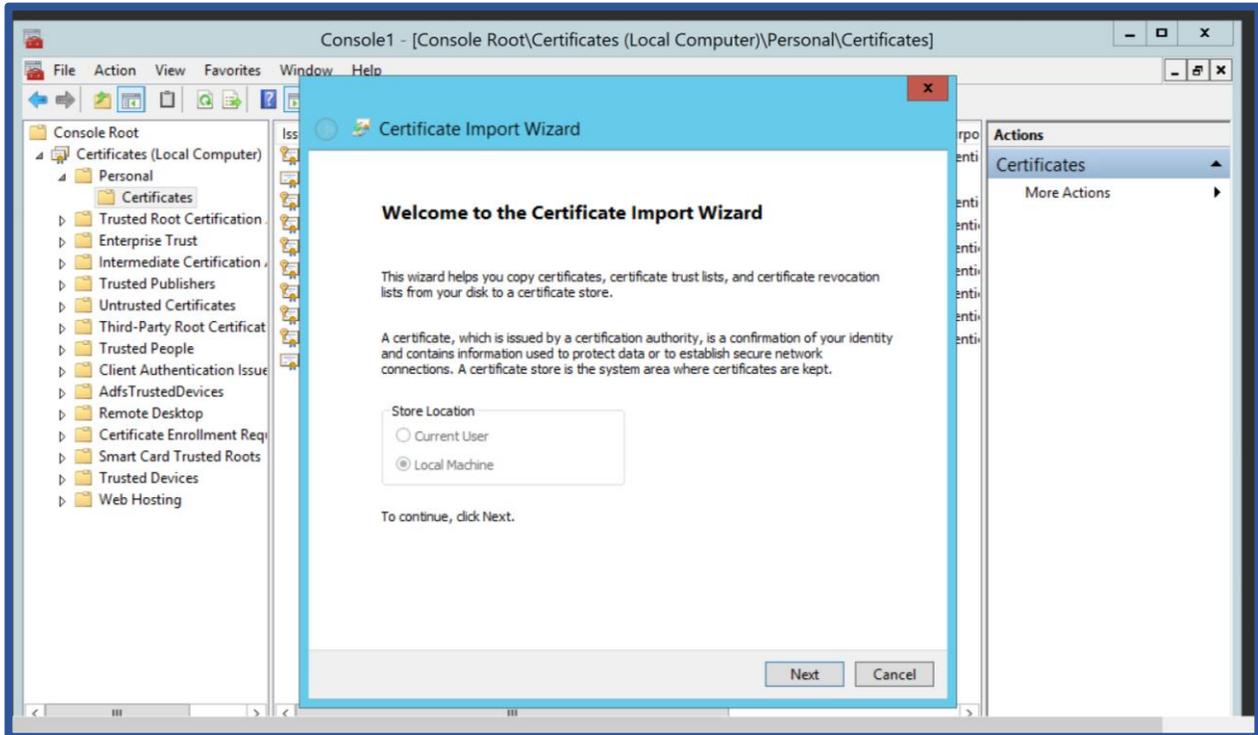
5- Select “*Local Computer*” à click “*Finish*” à close the window.



6- Go to Personal certificates à Right-click on the certificate select “*ALL TASKS*” select “*Import*”.

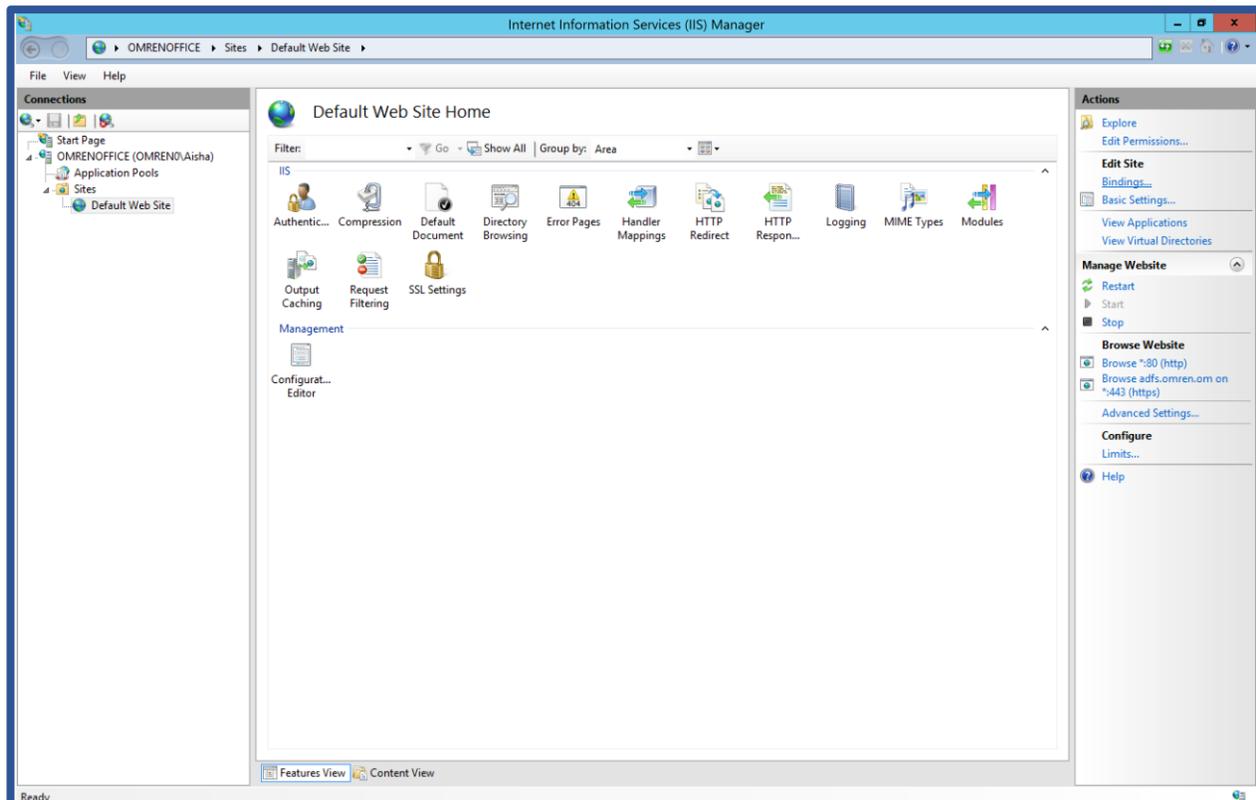
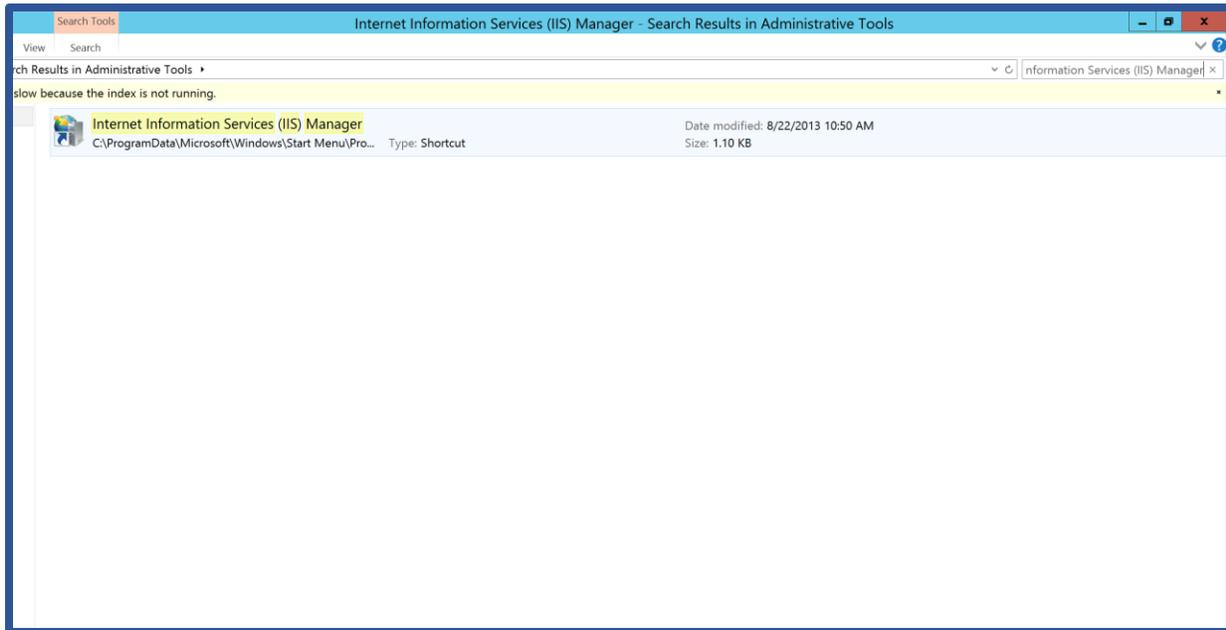


7- Follow the certificate import wizard to import certificate.

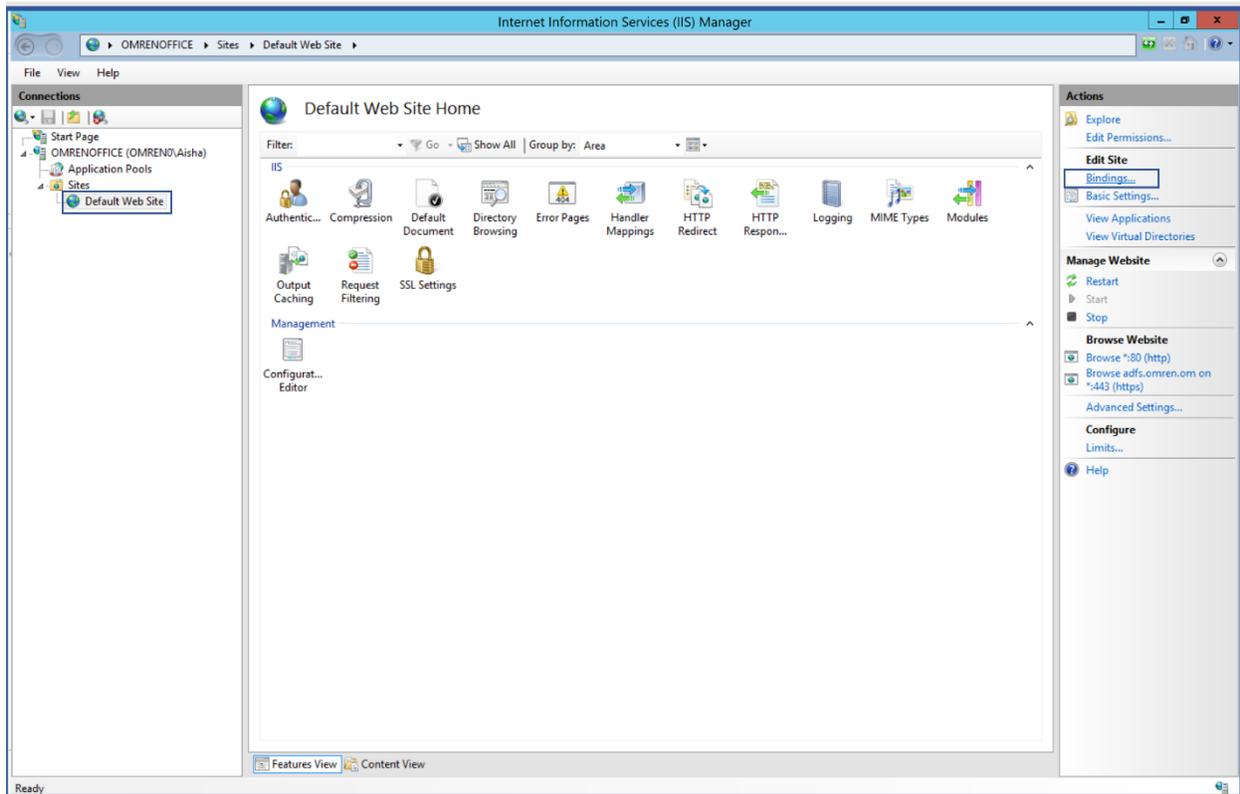


How to enable a New Certificate on a Server:

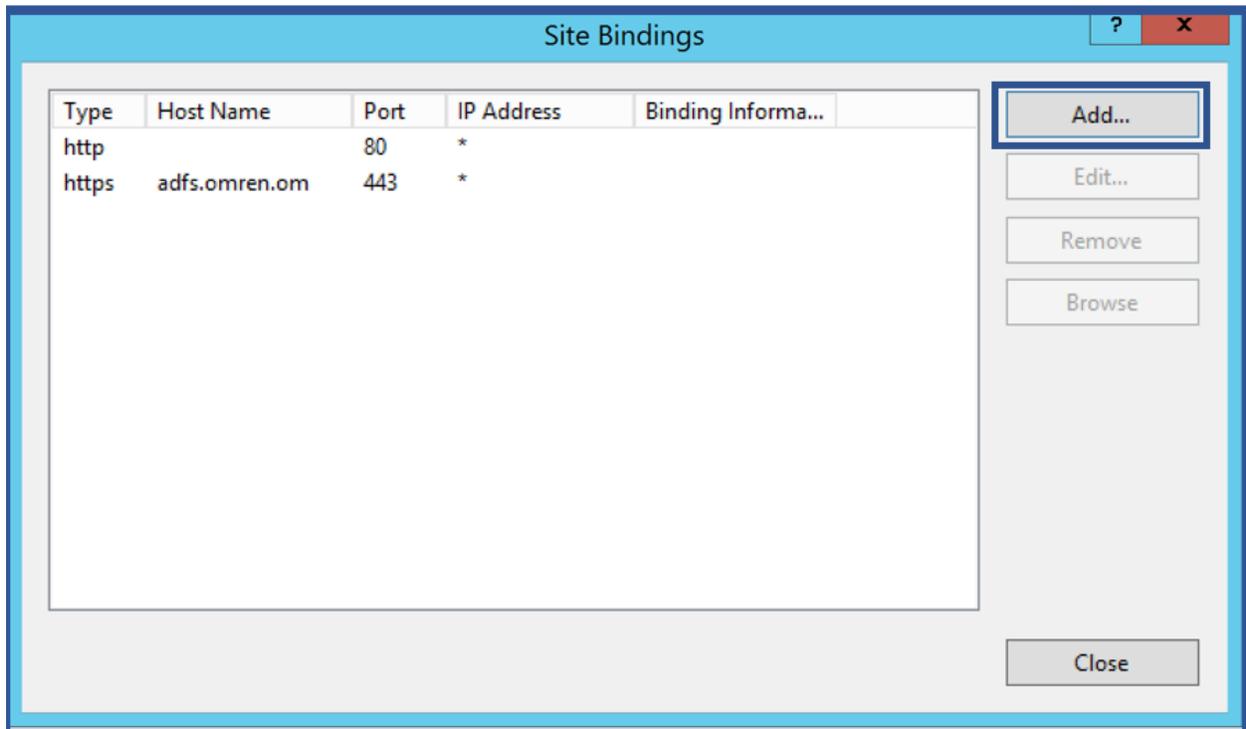
- 1- Open the Start menu à click Administrative Tools then Internet Information Services (IIS)



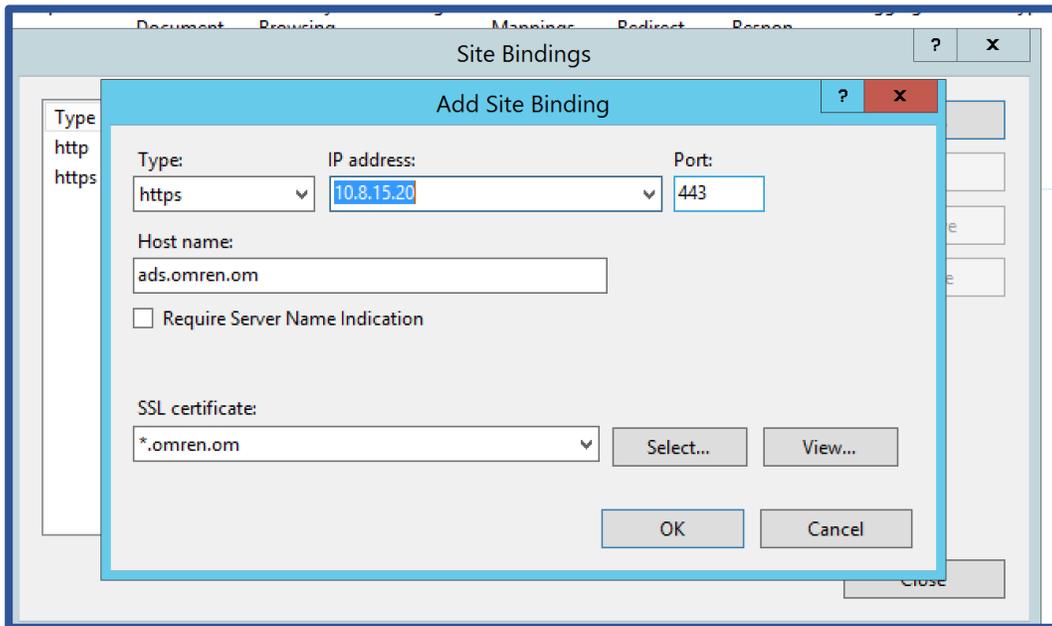
- click the server name Expand the sites folder choose “*default Web site*” then click “*Bindings*”



3- click “*Add*”.



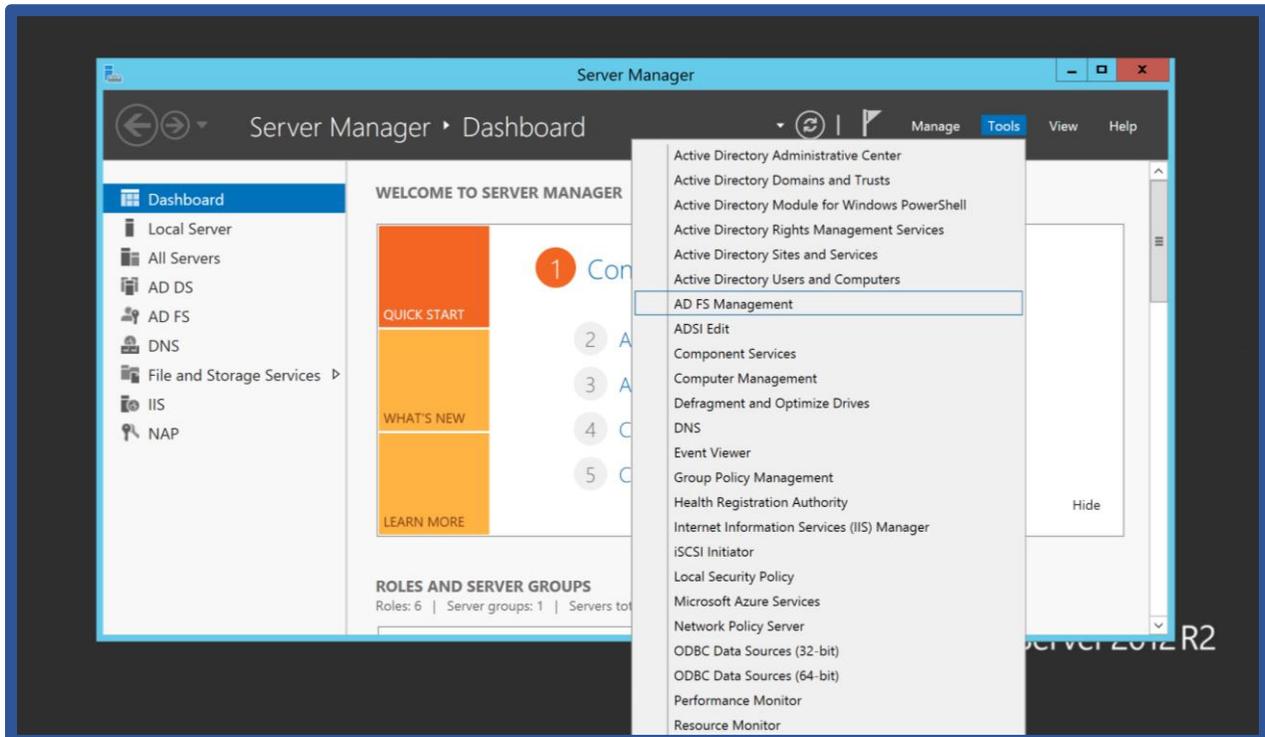
- 4- choose “*https*” from the type drop-down, Set the IP address in the IP address filed. Set the port to “*443*” Enter Host name in the host name filed Enter the recently imported certificate in the SSL Certificate field Click “*OK*”.



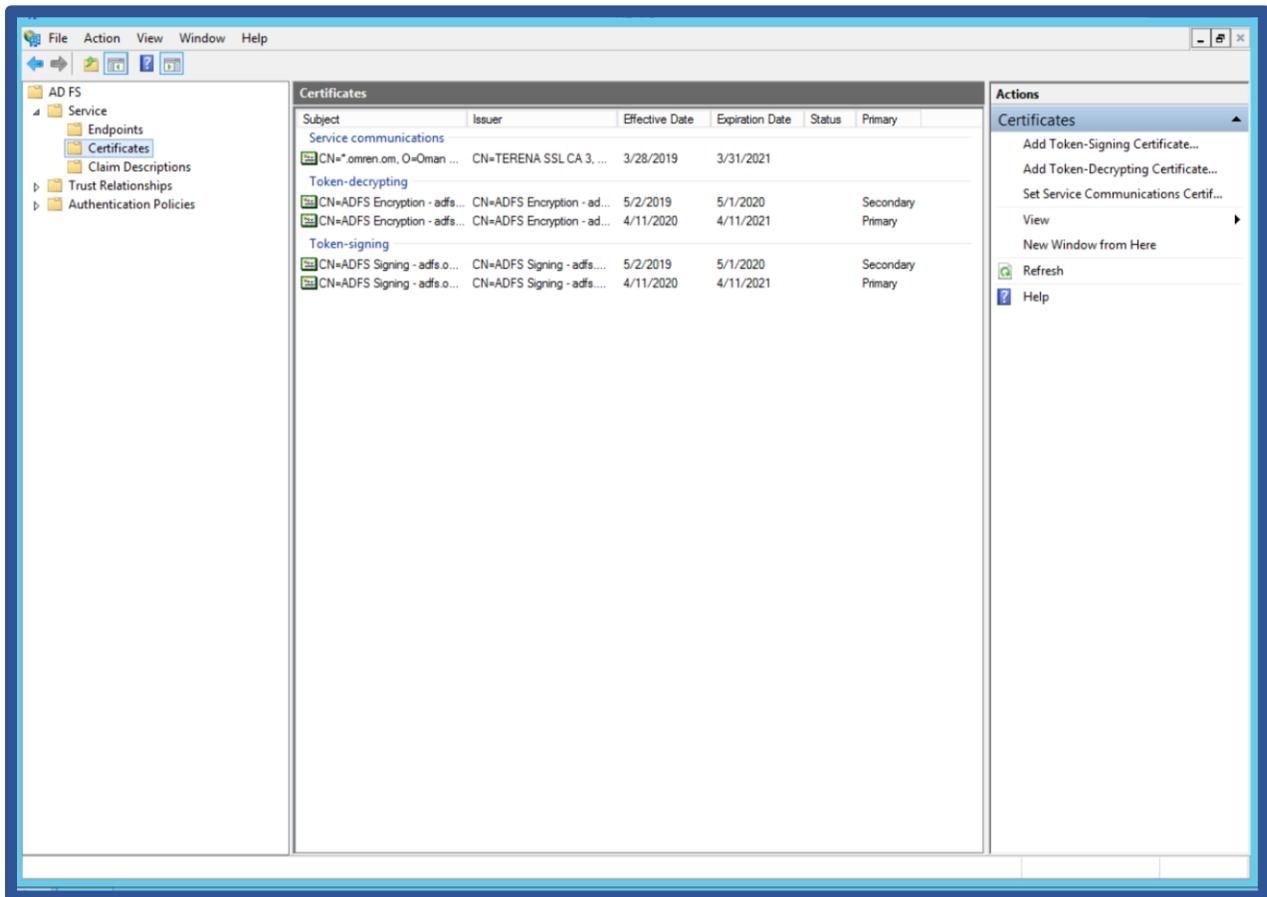
it is recommended to restart IIS or the server to recognize the new :Comment certificate

How to Replace the certificate to ADFS:

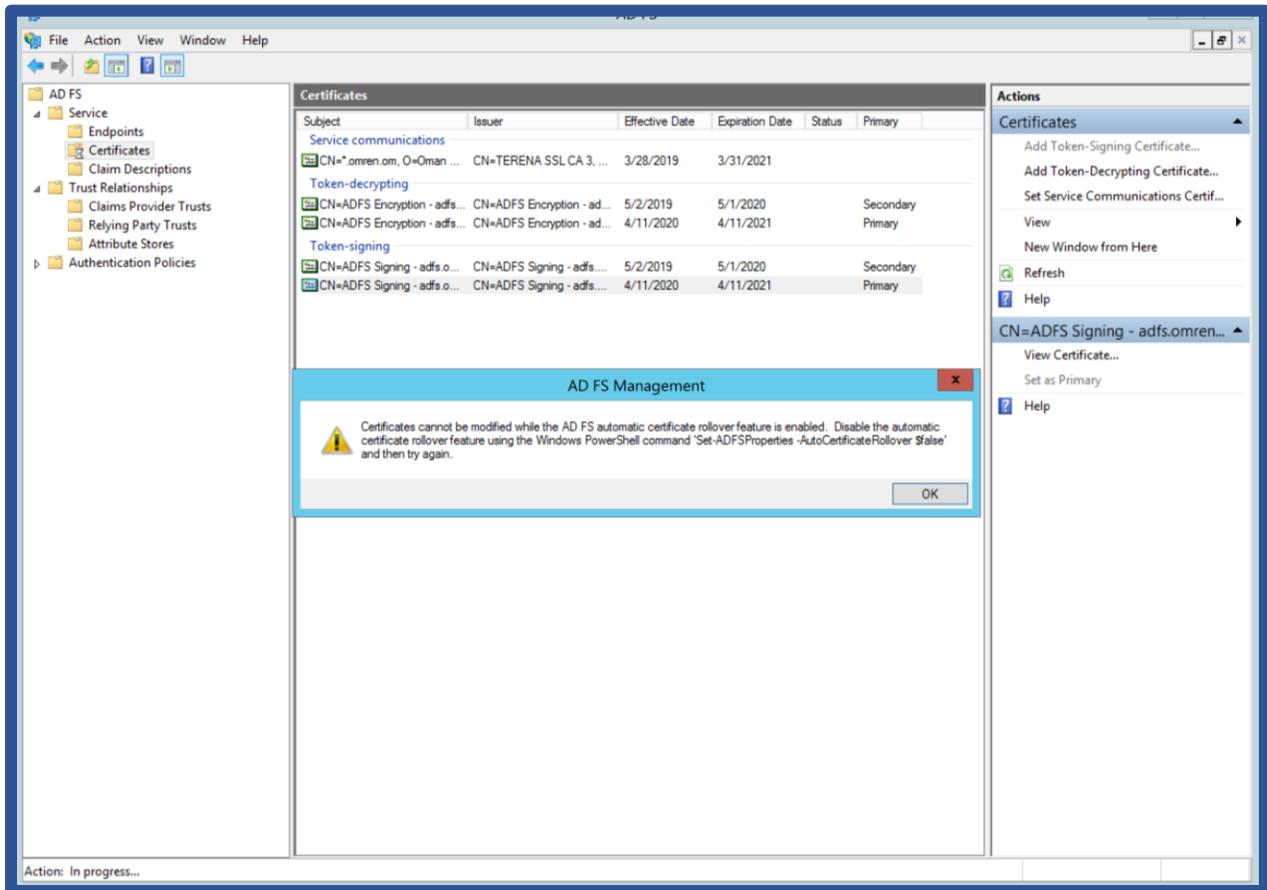
- 1- Open Server Manager, Tools -> ADFS Management



- 2- In the ADFS Management Console, expand Service item within the left panel and click Certificates.



- 3- Click *“Add Token-signing Certificate”* (ADFS may show a warning message as it shown below)

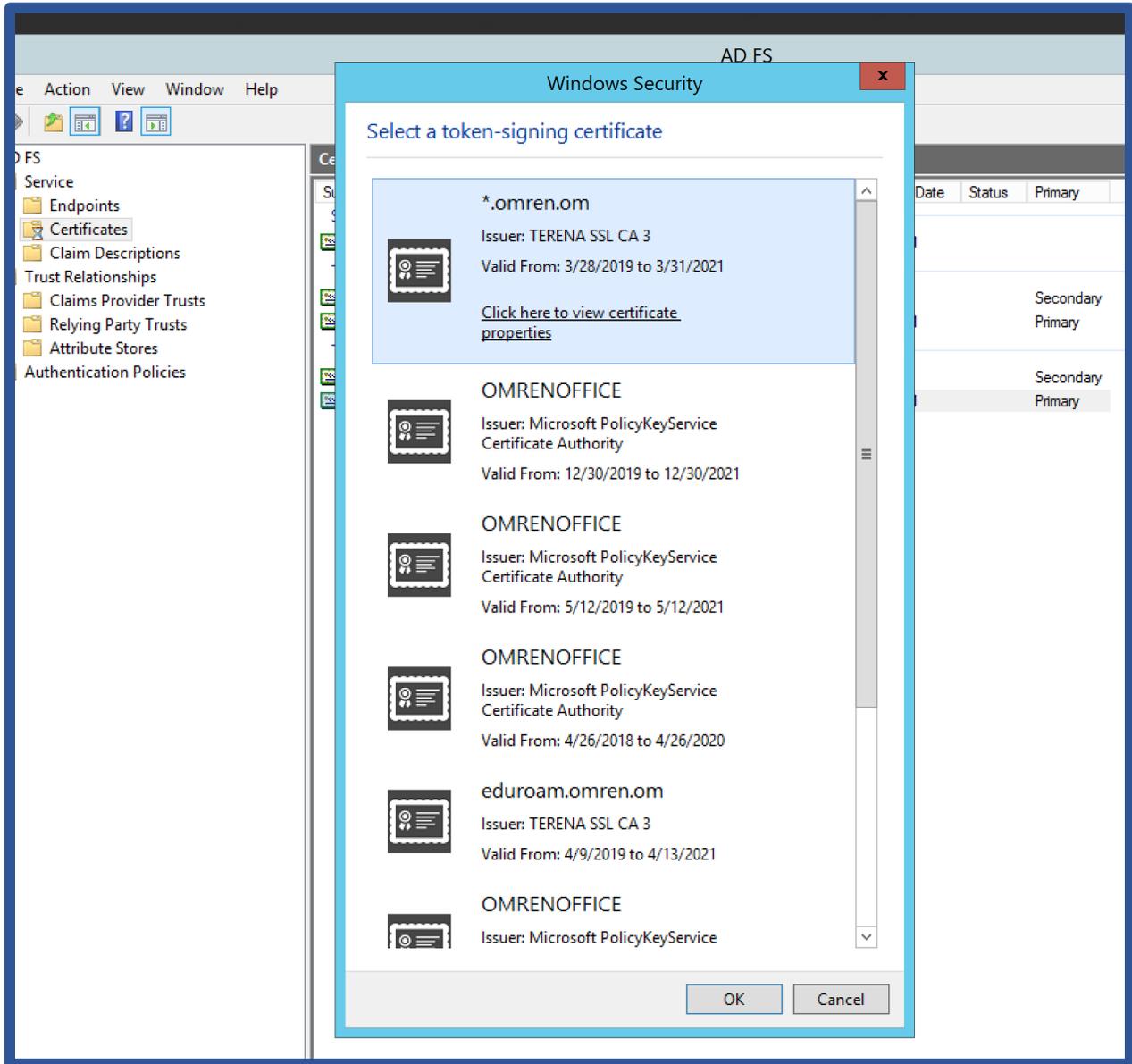


- 4- To remove the warning, open an administrative PowerShell and execute the following command:

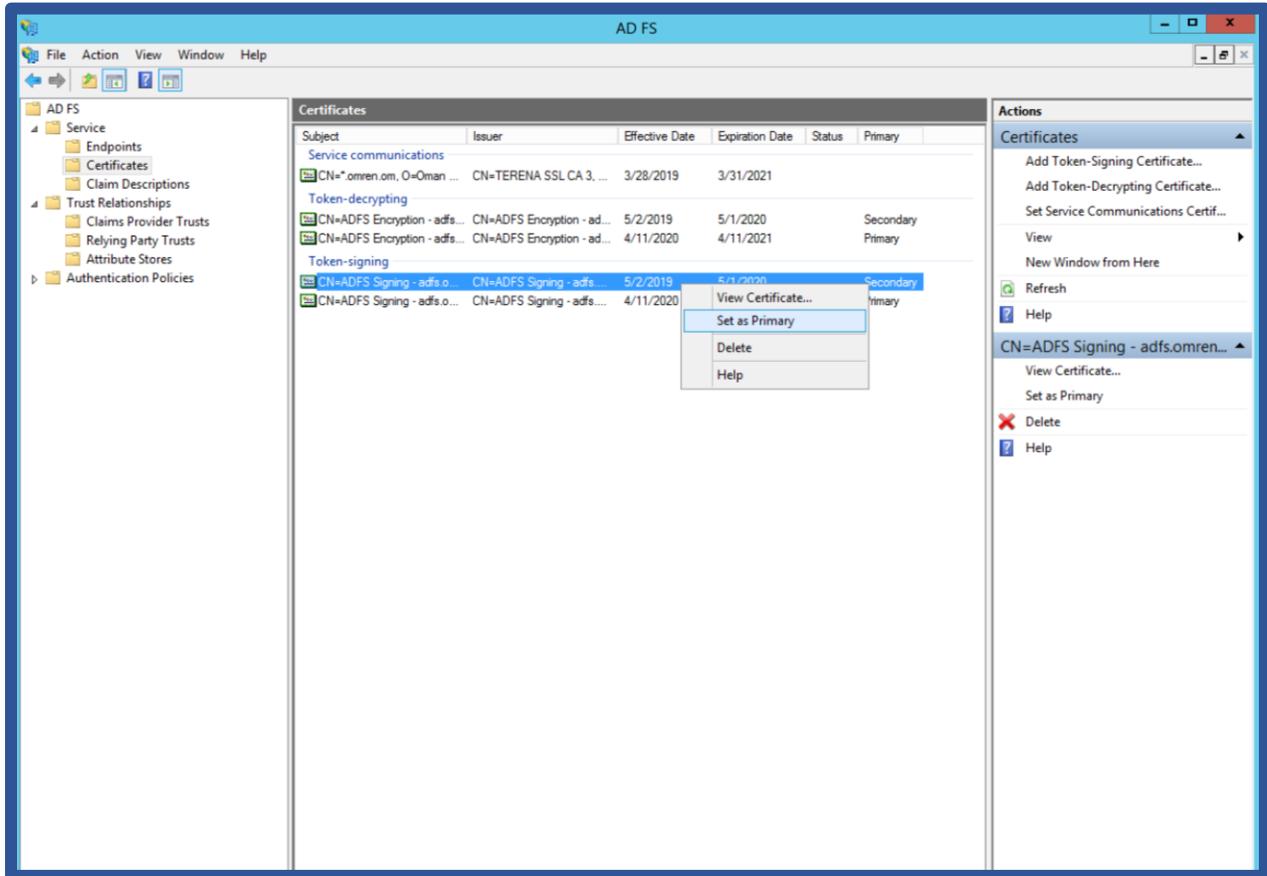
```
Set-ADFSProperties -AutoCertificateRollover $false.
```

Then, click *“Add Token-signing Certificate”* again

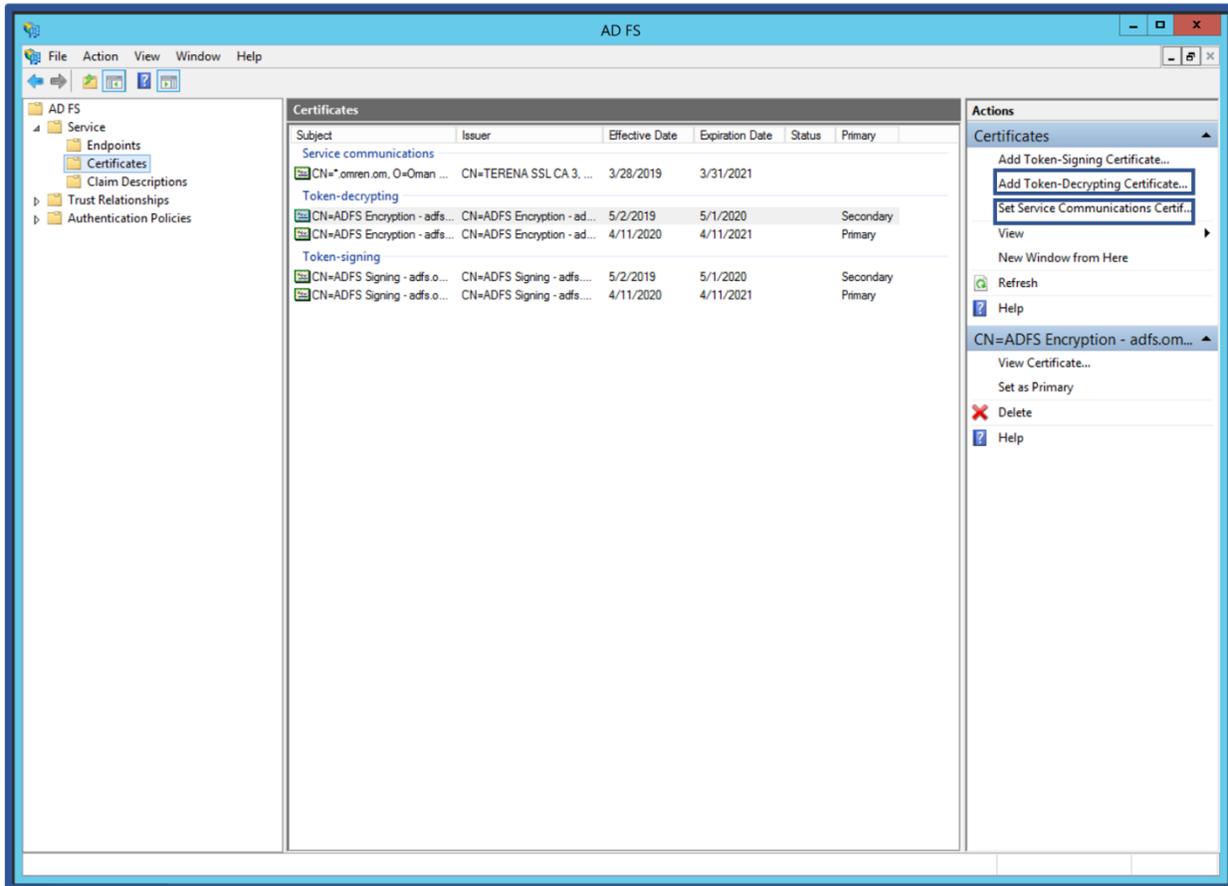
- 5- The system will reset all the installed certificates. Select the valid certificate and click “OK”.



- 6- The certificate will upload as secondary. Right click on the newly uploaded certificate and select “*Set as Primary*”.

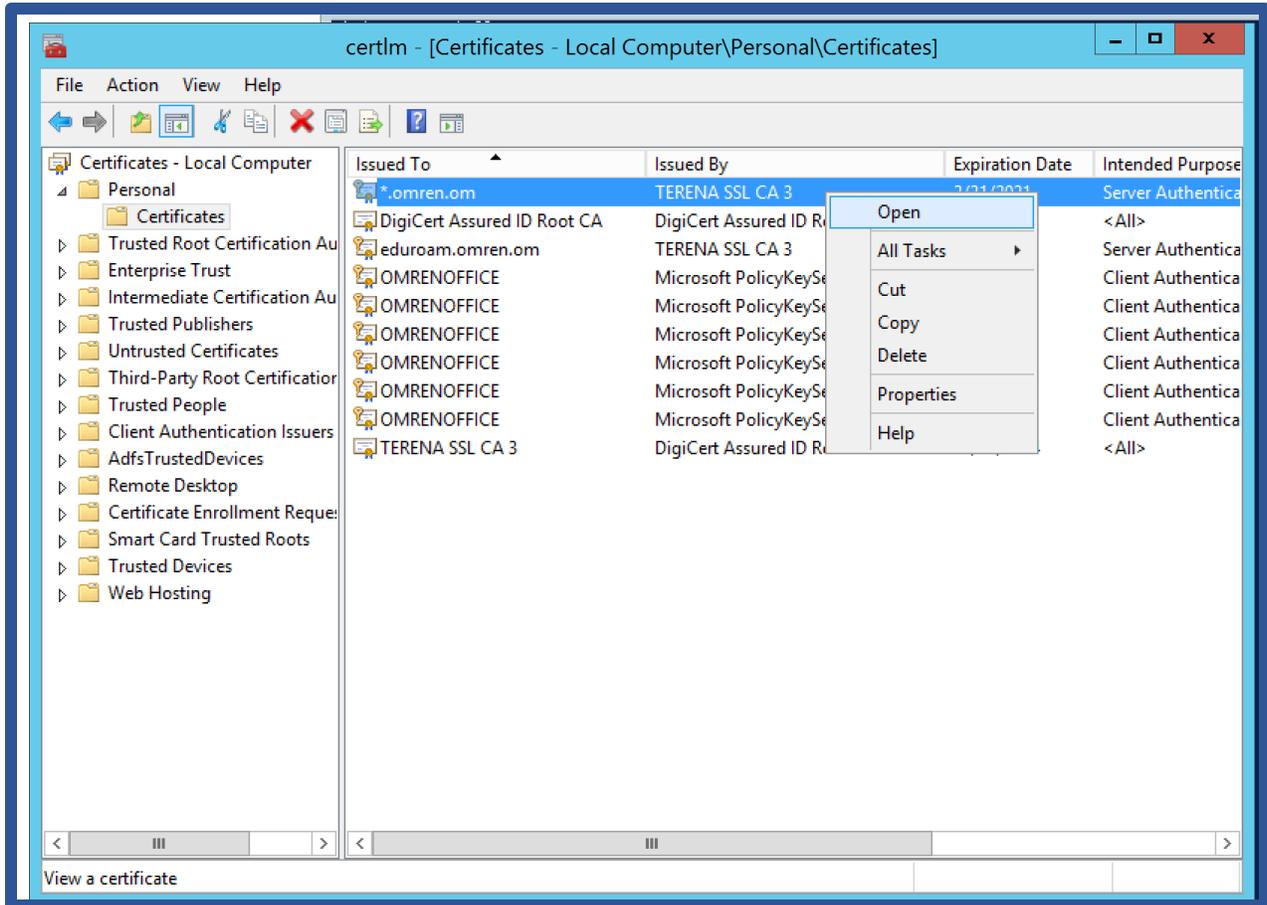


7- Repeat the same steps for Token-decryption and Service Communication

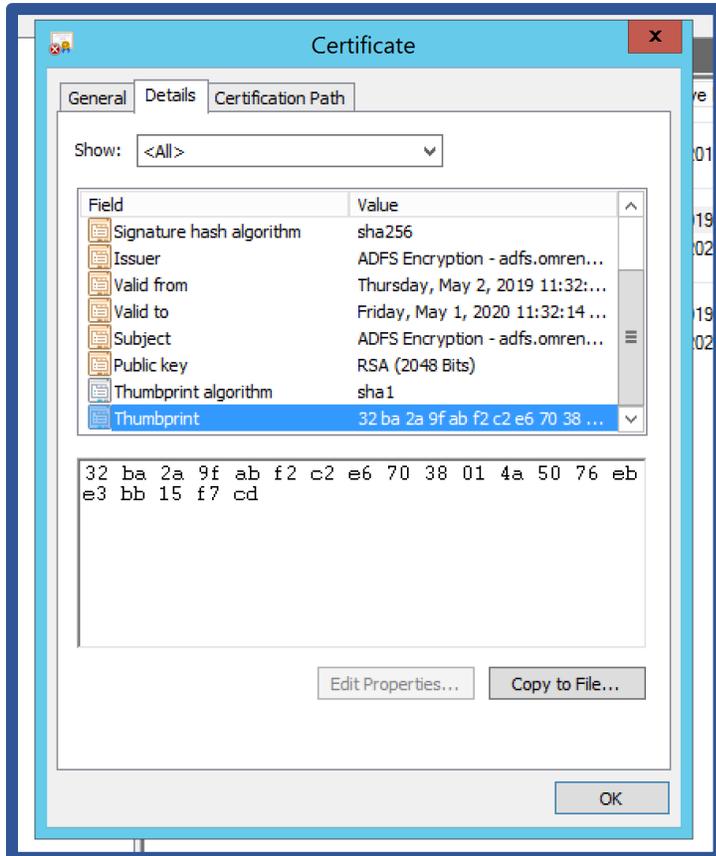


Comment: We did not complete the configuration yet. To complete the configuration, we need to identify the thumbprint of the certificate and execute a PowerShell command.

- 8- On Certificates Management Console à Personal à certificates à Right click on the SSL certificate that you want to link with ADFS and select “open”.



9- Select Details tab, find the Thumbprint and copy it.

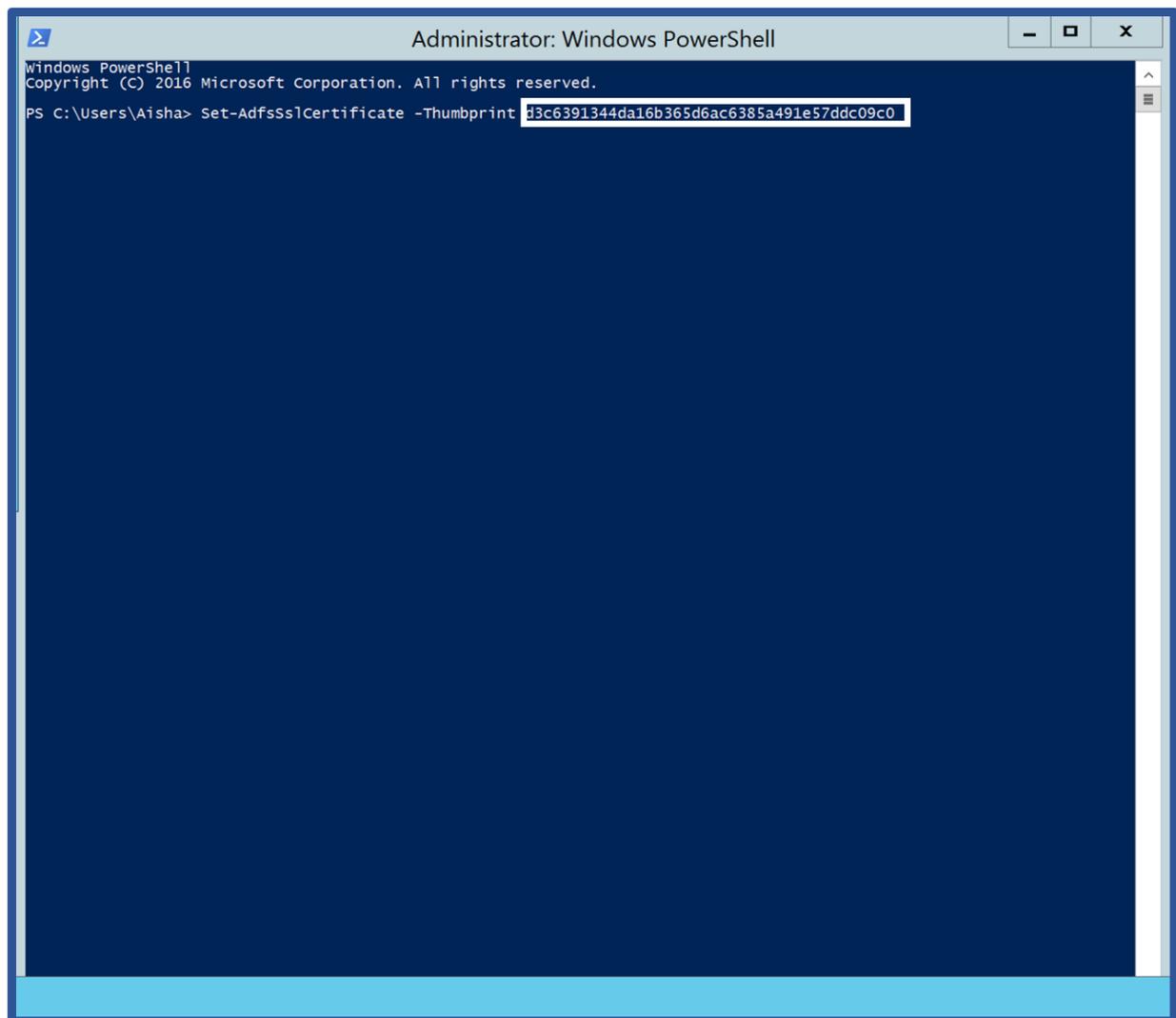


10- Paste the Thumbprint code in bellow PowerShell command and run the command

“Set-AdfsSslCertificate –Thumbprint <Enter the ThumbprintCertificate here>”

Comment: **Make sure to remove spaces in copied Thumbprint**

Example: “Set-AdfsSslCertificate -Thumbprint
d3c6391344da16b365ac6385a491e57ddc00c0”



11- Restart the ADFS service to complete the configuration changes.

12- Run the script manually using Admin privileges from Task scheduler