Gateway Installation Process in SCOM

Step 1:-

Create .inf file for the client server (Gateway Server)

[NewRequest]
Subject="CN=server.company.com"
Exportable=TRUE
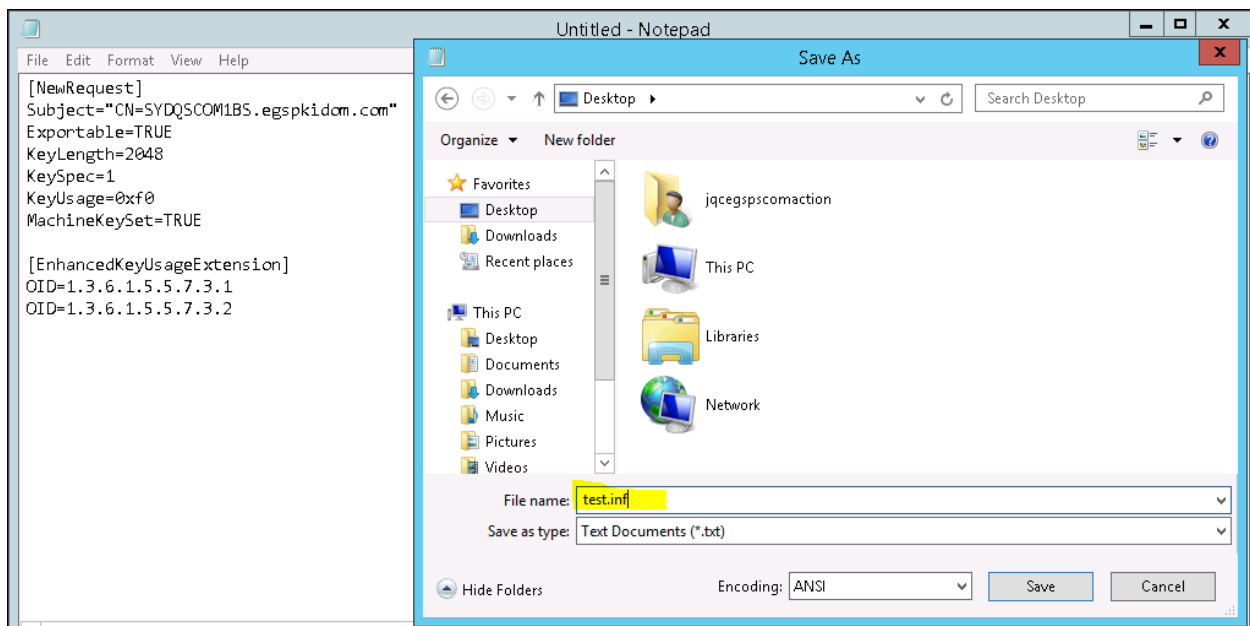KeyLength=2048
KeySpec=1
KeyUsage=0xf0
MachineKeySet=TRUE

[EnhancedKeyUsageExtension]
OID=1.3.6.1.5.5.7.3.1
OID=1.3.6.1.5.5.7.3.2

Modify CN= server name with FQDN and save it in .inf format.

Step 2:-

Now generate the .REQ file by using below command.
By using CMD (Run as Admin)

```
C:\Users\jqcegspscomaction\Desktop>CertReq -New -f test.inf test.req

CertReq: Request Created

C:\Users\jqcegspscomaction\Desktop>_
```

Req file has been saved on same location

```
C:\Users\jqcegspscomaction\Desktop>dir *
 Volume in drive C has no label.
 Volume Serial Number is 1CC9-09FE

 Directory of C:\Users\jqcegspscomaction\Desktop

14/11/2017  11:29 PM    <DIR>          .
14/11/2017  11:29 PM    <DIR>          ..
14/11/2017  11:26 PM               208 test.inf
14/11/2017  11:29 PM             1,466 test.req
               2 File(s)          1,674 bytes
               2 Dir(s)  73,546,559,488 bytes free
```

Step 3:-
Now give it to (.REQ) file to AD team for certificate creation. If you have privilege/access to create
certificate self, then you don't need to give this to AD team create a certificate for self.

We can follow this link for better clarity :-

https://documentation.meraki.com/zGeneral_Administration/Other_Topics/Creating_an_Offline_Certific
ate_Request_in_Windows_Server

Now some kinda testing , Check Port 5723 should be open from Gateway to Management server.

IF SUCCESS:-

Please proceed with Gateway Management Server Role installation on sever. And provide the
Management Group name or server during installation.
IF NOT SUCCESS:-

Open the desired port, and then install.

Step 4:

Now Approve the Gateway server on MS to Communicate with the help of below step, this will also write
the entry in SCOm DB for this Gateway.

Open Elevated CMD on MS and locate the locate on Gateway approval tool on MS

Once we have located the location now run the below command on it.

Microsoft.EnterpriseManagement.gatewayApprovalTool.exe /ManagementServerName=MSServerFQDN /GatewayName=GatewayFQDN /Action=Create

Now we can see after running this command the Gateway server will be started appearing in Management server tab with not monitored state.

Step 5:-

Now Copy the installation media, certificate and MomcertImport tool on Gateway server

- Run the setup on Gateway server (with an Admin account)

acs	26/04/2018 8:08 PM	File folder	
agent	26/04/2018 8:11 PM	File folder	
gateway	26/04/2018 8:13 PM	File folder	
HelperObjects	26/04/2018 8:19 PM	File folder	
Licenses	26/04/2018 8:19 PM	File folder	
ManagementPacks	26/04/2018 8:38 PM	File folder	
msxml	26/04/2018 8:39 PM	File folder	
ProductDocumentation	26/04/2018 8:39 PM	File folder	
ReportModels	26/04/2018 8:39 PM	File folder	
SCXACS	26/04/2018 8:39 PM	File folder	
setup	26/04/2018 8:59 PM	File folder	
SupportTools	26/04/2018 9:00 PM	File folder	
autorun	13/08/2013 9:30 AM	Setup Information	1 KB
Setup	7/09/2013 8:20 AM	Application	1,463 KB

- Install the Gateway Management Server Role on it and give the MS name and Group name when prompt to ask.
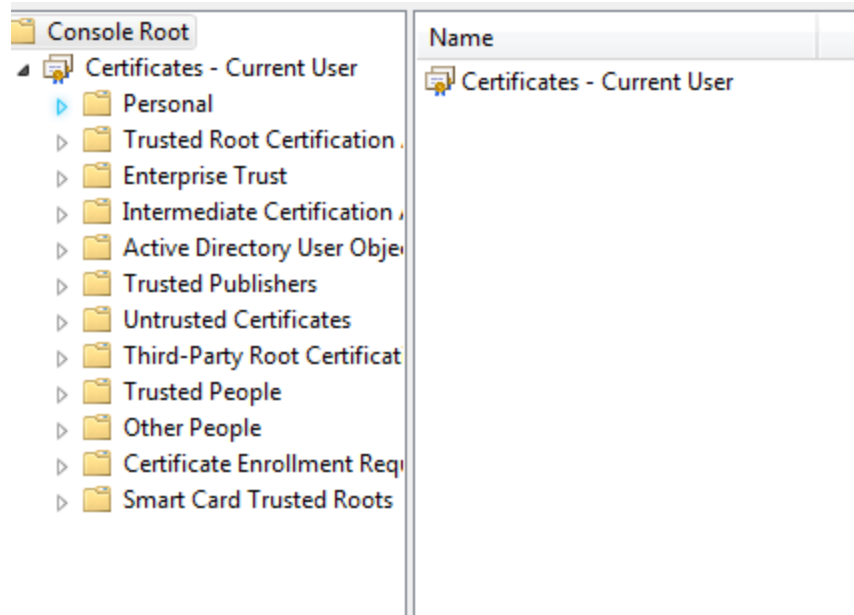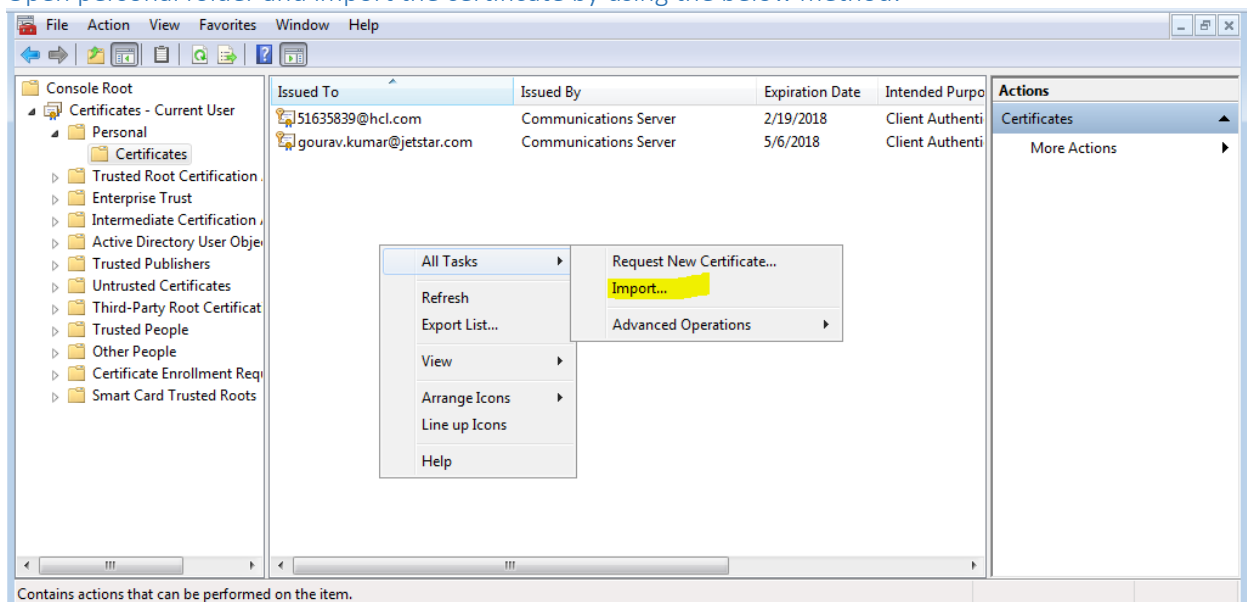

Step 6:-

Now import the Root Certificate and Dedicated certificate on the Gateway server.

- Open RUN type MMC hit enter.
- Go to file blade then add/remove snap-in
- Select certificates, add click OK.

Now we are on the certificate folder.

Open personal folder and import the certificate by using the below method:-

After installation Certificate Run the MomCert on Gateway server.

When this all will have done on the Gateway server then Bounce the "Health Service" on it.

- Open elevated Command Prompt.
- Type Command

Net stop healthservice && net start healthservice

Finally we are done ☺ with the process!

Check event viewer it is started giving event ID 1201.

For any assistance you can write me to **gouravrathore23@gmail.com** or can reach me on below channels.

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