

Transferring the schema master Role

You usually transfer FSMO roles when you have [multiple domain controllers](#) and you don't want them all to sit on one box (safety precautions) or when you are [upgrading your domain controllers](#) using a swing migration. Best practices dictate that the forest roles should be put on one DC and the domain roles on another one.

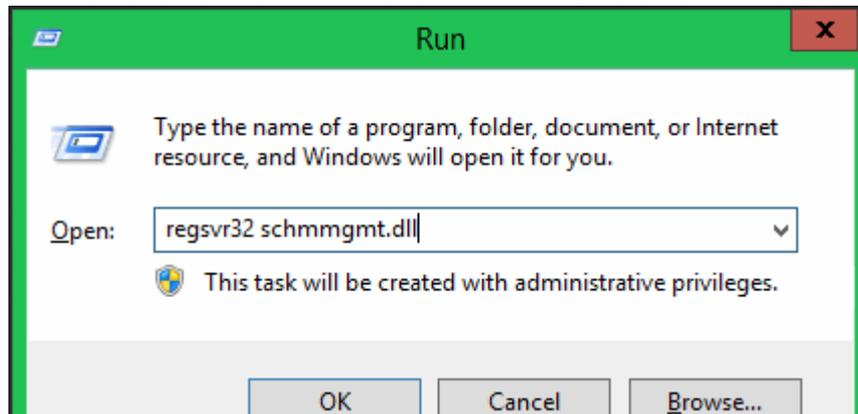
Transferring the schema master

Transferring the schema master is a little bit different than the other roles because the **Active Directory Schema snap-in** must be connected to the schema master in order to perform this procedure.

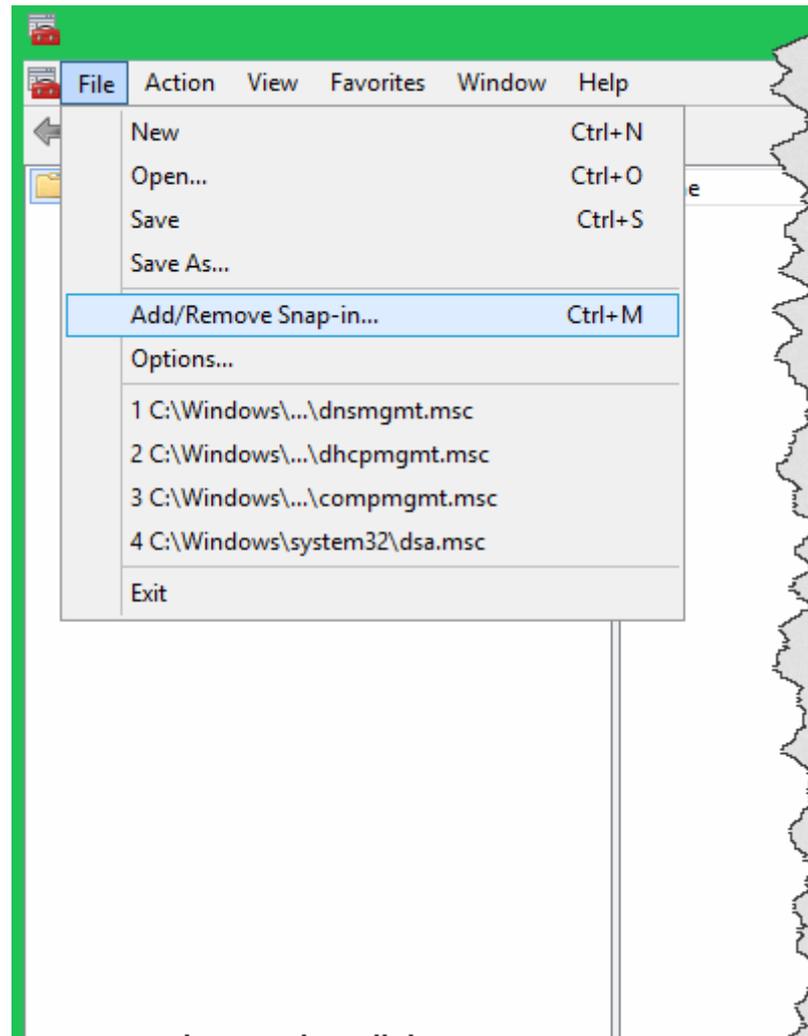


To be able to transfer the schema master role you must be a member of the **Schema Admins** group.

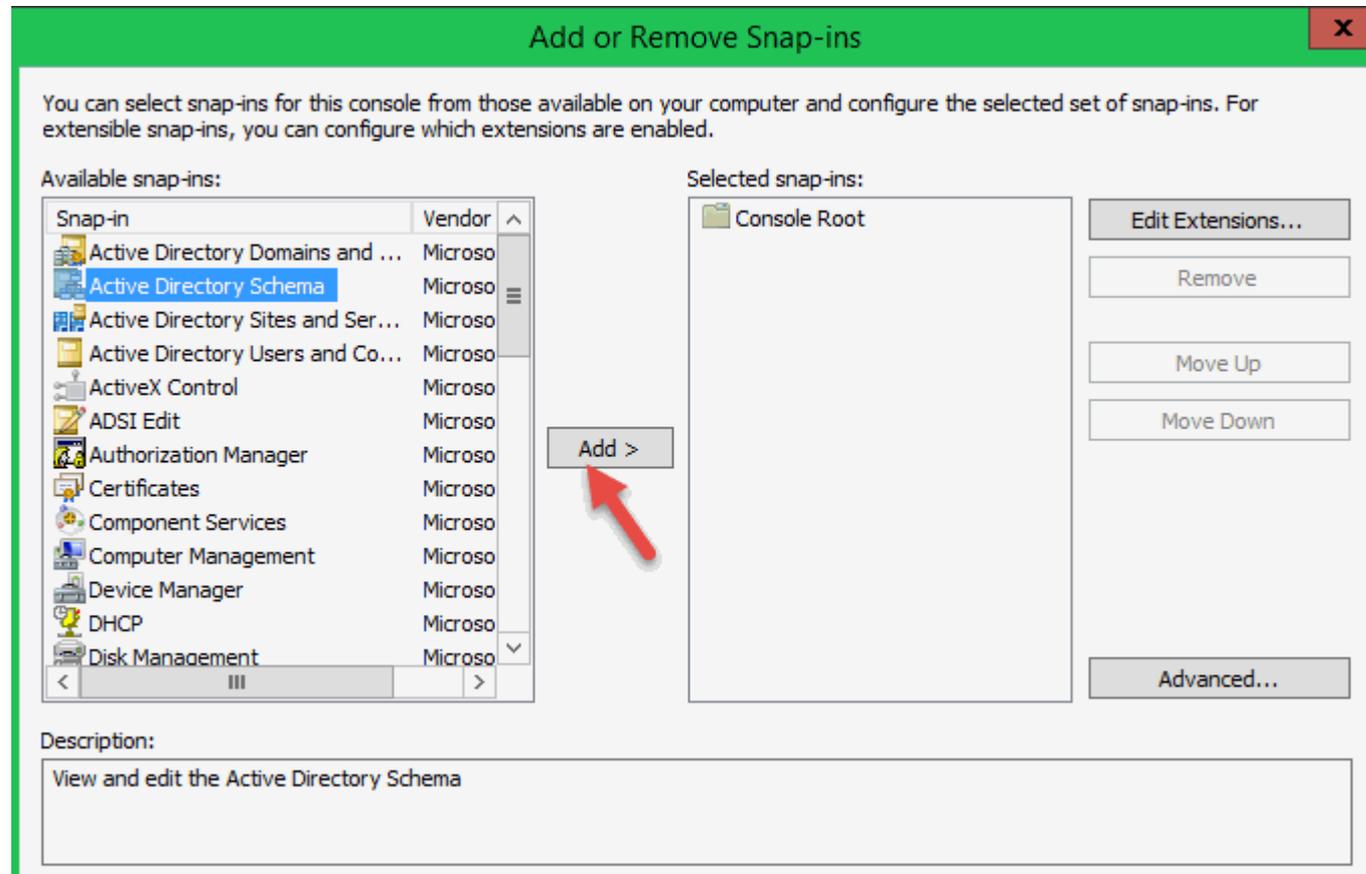
To start, open a **Run** command and type **regsvr32 schmmgmt.dll** then press **Enter**.



Once the snap-in was successfully registered open a **Run** command again and type **mmc**. From the **File** menu go to **Add/Remove Snap-in**



Select the **Active Directory Schema** snap-in then click **Add** and **OK**.



Add or Remove Snap-ins



You can select snap-ins for this console from those available on your computer and configure the selected set of snap-ins. For extensible snap-ins, you can configure which extensions are enabled.

Available snap-ins:

Snap-in	Vendor
Active Directory Domains and ...	Microso
Active Directory Schema	Microso
Active Directory Sites and Ser...	Microso
Active Directory Users and Co...	Microso
ActiveX Control	Microso
ADSI Edit	Microso
Authorization Manager	Microso
Certificates	Microso
Component Services	Microso
Computer Management	Microso
Device Manager	Microso
DHCP	Microso
Disk Management	Microso

Add >

Selected snap-ins:

Console Root
Active Directory Schema

Edit Extensions...

Remove

Move Up

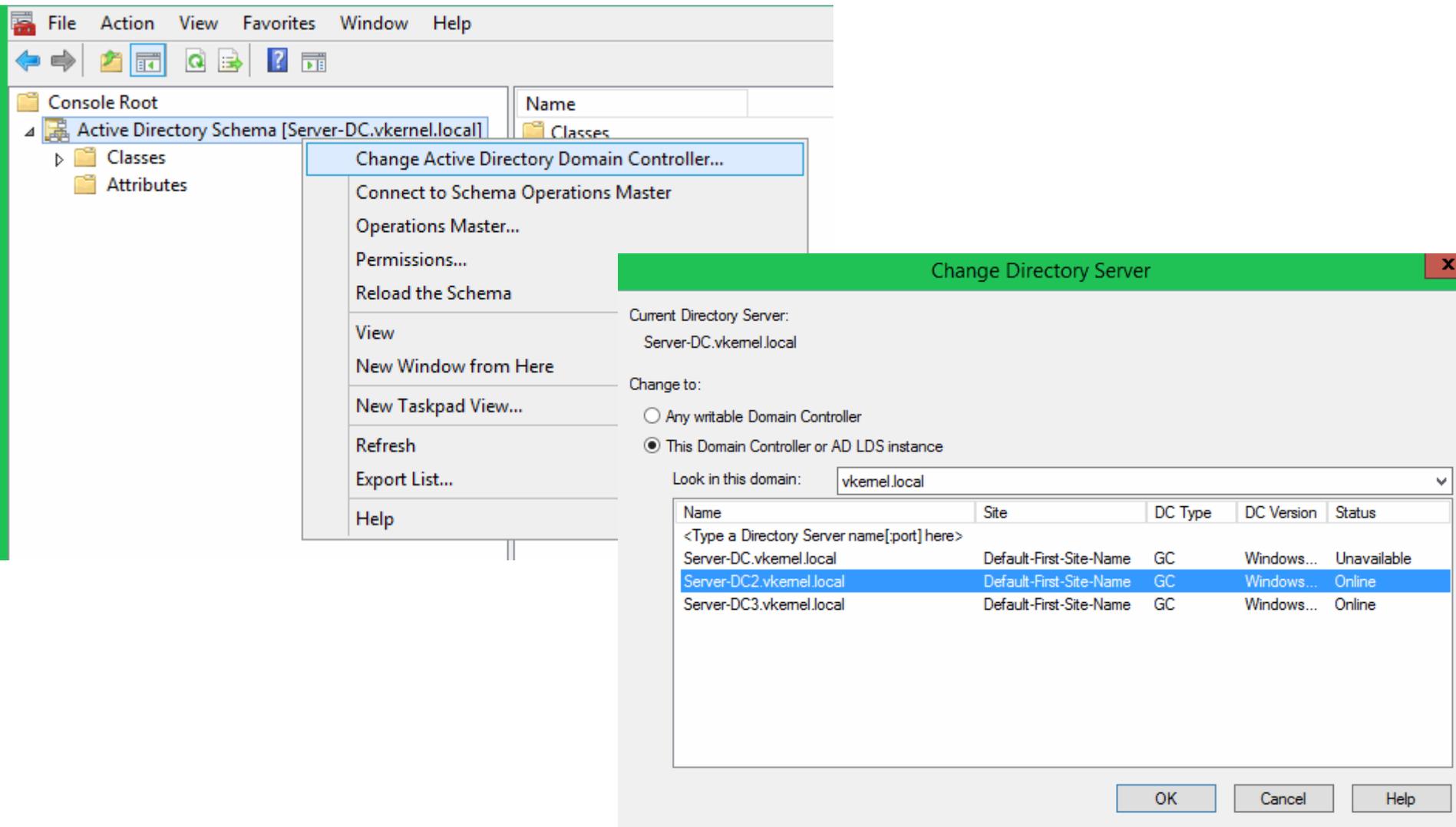
Move Down

Advanced...

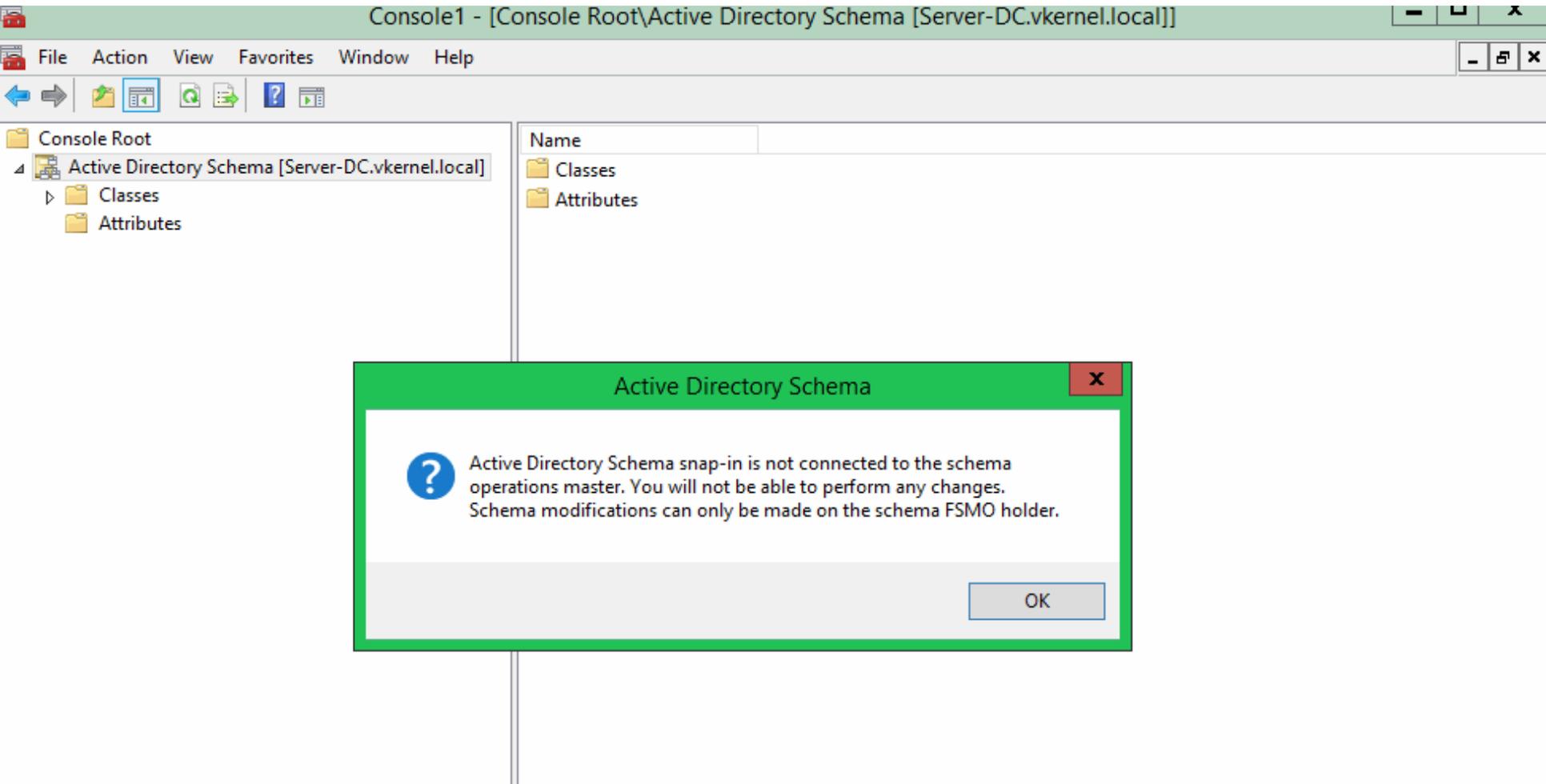
Description:

View and edit the Active Directory Schema

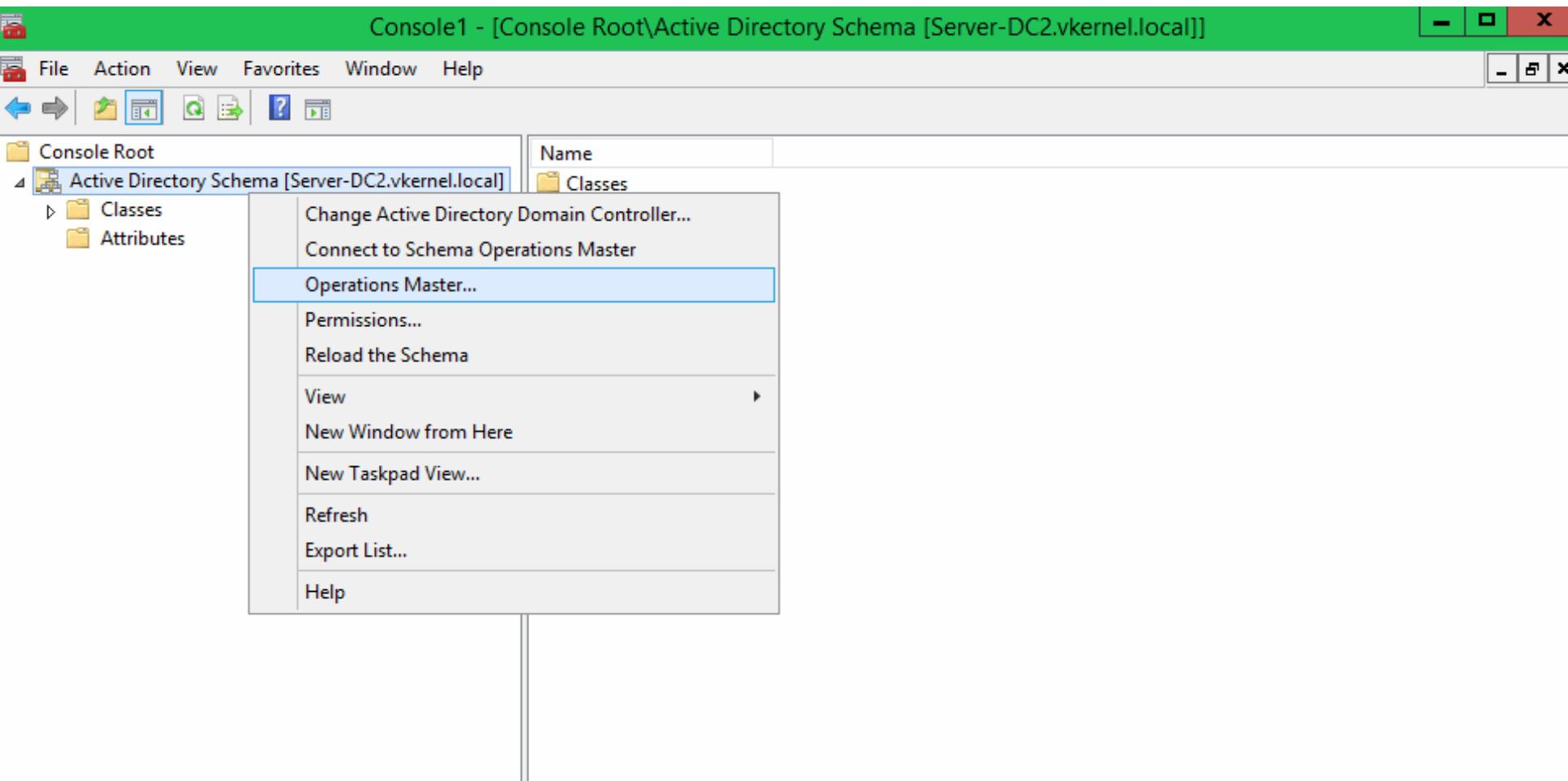
Now, if the console was opened on a different domain controller than the one you want transfer the schema master role on, you will have to right click the **Active Directory Schema** snap-in and choose **Change Active Directory Domain Controller**. From the list of domain controllers, select the target domain controller and click **OK**.



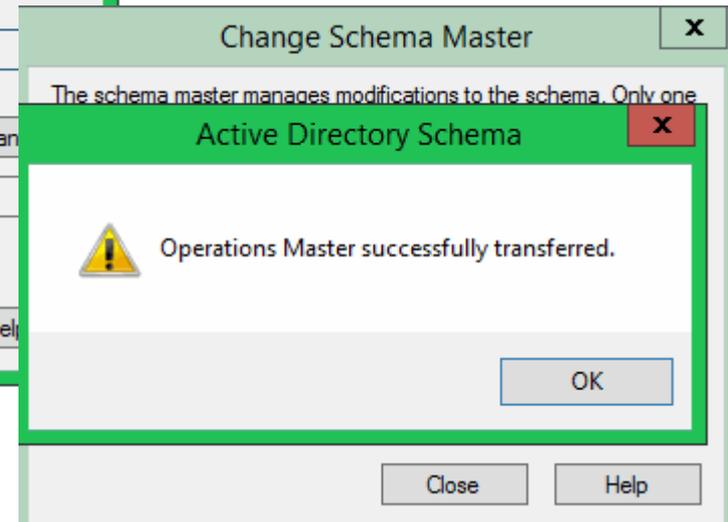
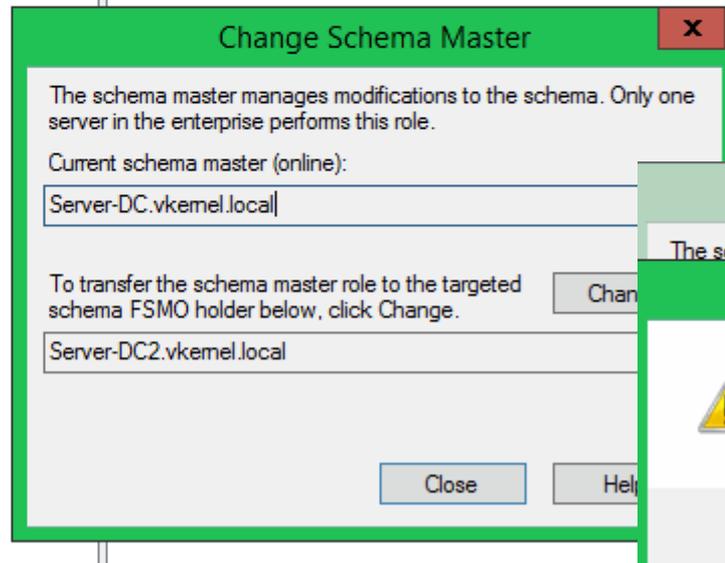
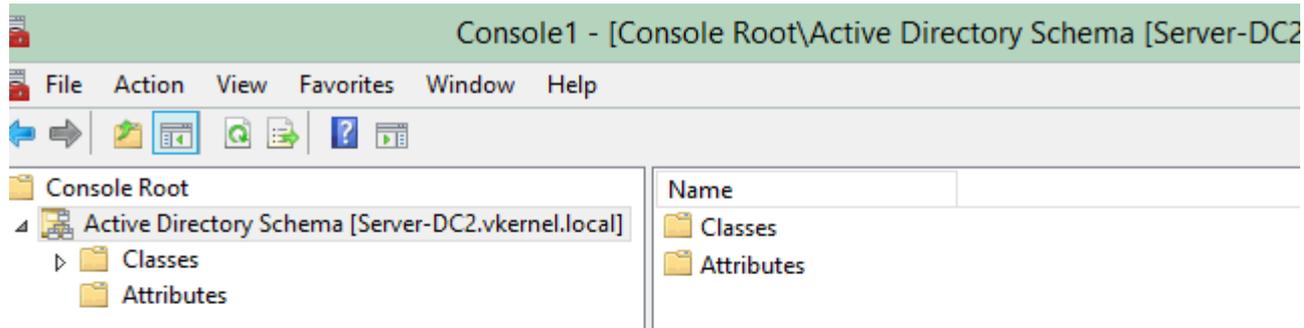
You will get an information message. Just click **OK** because we don't want to modify the schema, we just want to transfer it to another domain controller.



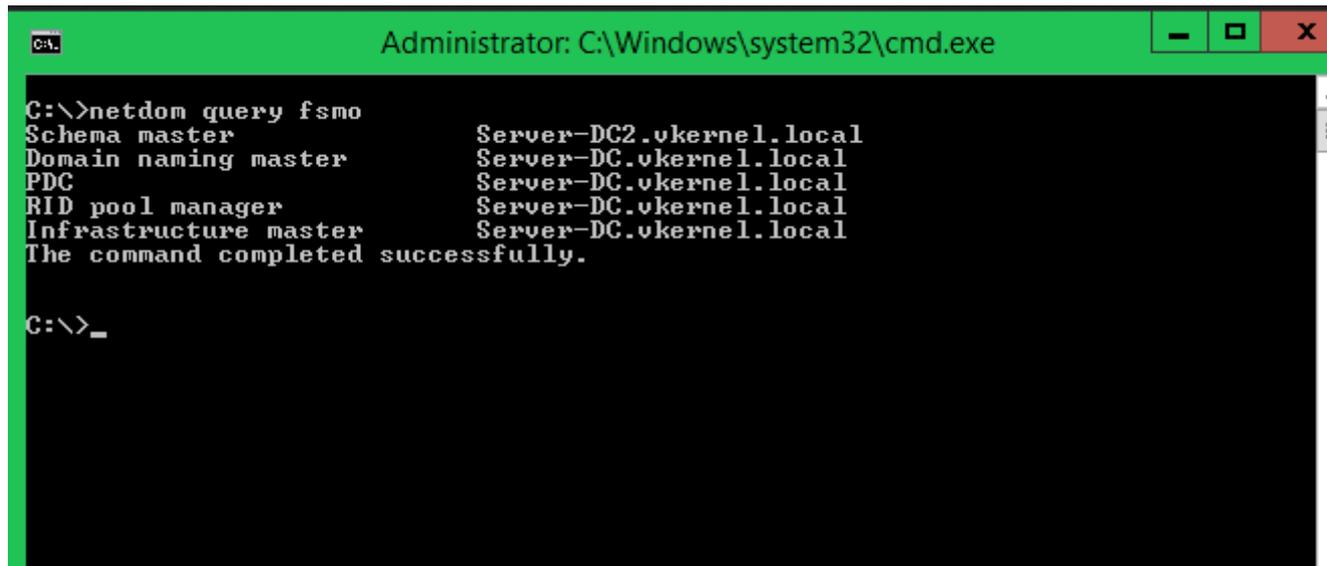
You should now be connected to the target domain controller. Right-click the **Active Directory Schema** snap-in and choose **Operations Master**.



In the **Change Schema Master** window take another look to make sure the right domain controller is listed in the **targeted schema FSMO holder** box. If everything looks good, click the **Change** button then hit **Yes** on the warning message.



And the schema master role was transferred successfully.



```
Administrator: C:\Windows\system32\cmd.exe
C:\>netdom query fsmo
Schema master           Server-DC2.vkernel.local
Domain naming master    Server-DC.vkernel.local
PDC                     Server-DC.vkernel.local
RID pool manager        Server-DC.vkernel.local
Infrastructure master    Server-DC.vkernel.local
The command completed successfully.

C:\>_
```