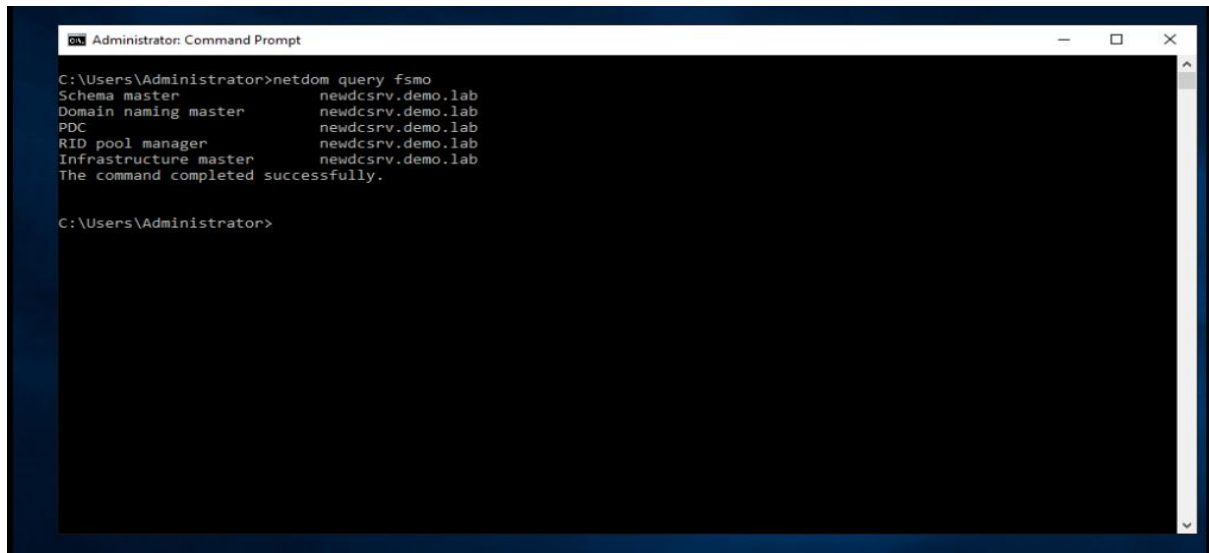


This document provides steps to transfer FSMO roles using CLI. It will use ntdsutil tool to perform the FSMO role transfer.

Go to the Domain Controller machine
Open Command prompt, enter a command

➤ *netdom query fsmo*

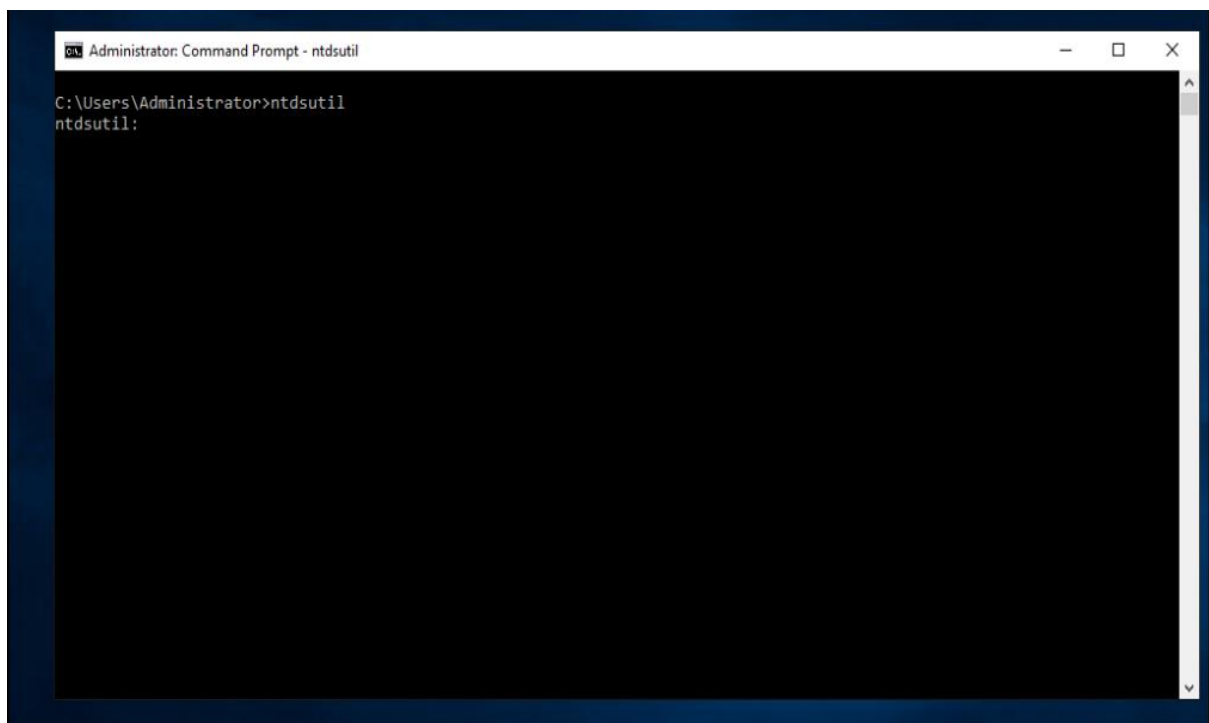


```
Administrator: Command Prompt
C:\Users\Administrator>netdom query fsmo
Schema master           newdcsvr.demo.lab
Domain naming master    newdcsvr.demo.lab
PDC                     newdcsvr.demo.lab
RID pool manager        newdcsvr.demo.lab
Infrastructure master    newdcsvr.demo.lab
The command completed successfully.

C:\Users\Administrator>
```

You can see, **newdcsvr** has then all roles, to transfer the rules on command line
On command prompt give the following command and enter.

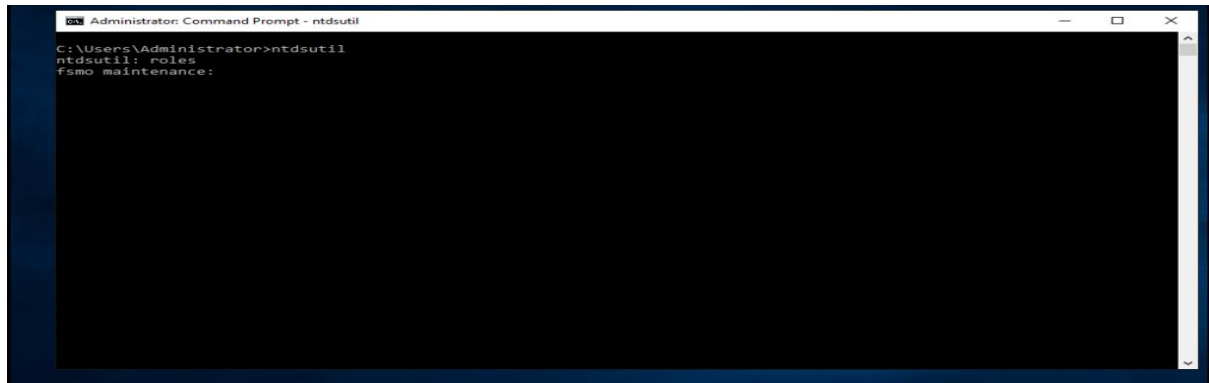
➤ *ntdsutil*



```
Administrator: Command Prompt - ntdsutil
C:\Users\Administrator>ntdsutil
ntdsutil:
```

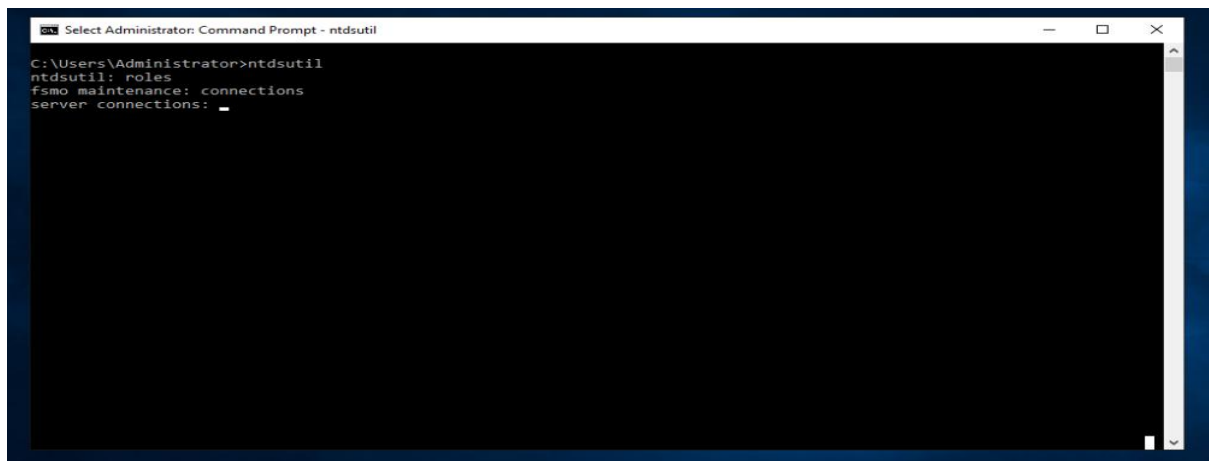
On the ntdsutil prompt type -

➤ ***roles***



```
Administrator: Command Prompt - ntdsutil
C:\Users\Administrator>ntdsutil
ntdsutil: roles
fsmo maintenance:
```

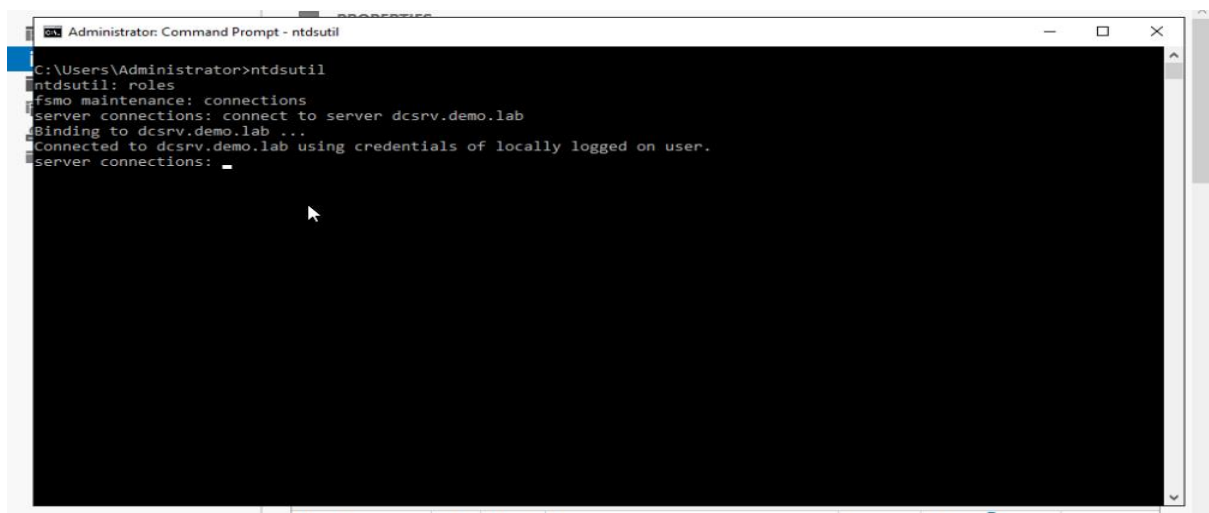
➤ ***connections***



```
Select Administrator: Command Prompt - ntdsutil
C:\Users\Administrator>ntdsutil
ntdsutil: roles
fsmo maintenance: connections
server connections: _
```

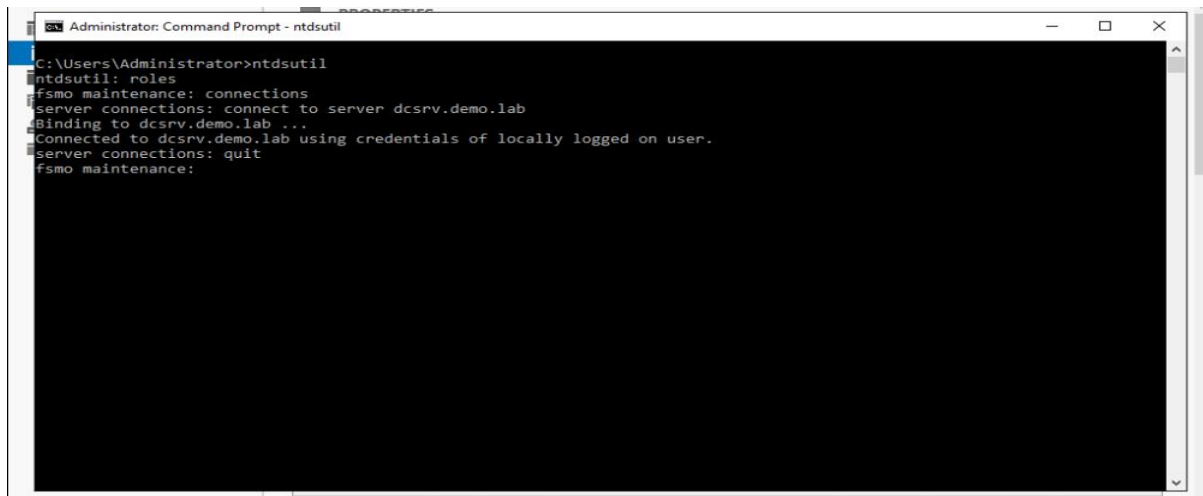
Syntax: connect to server <domain name>

➤ ***connect to server dcsrv.demo.lab***



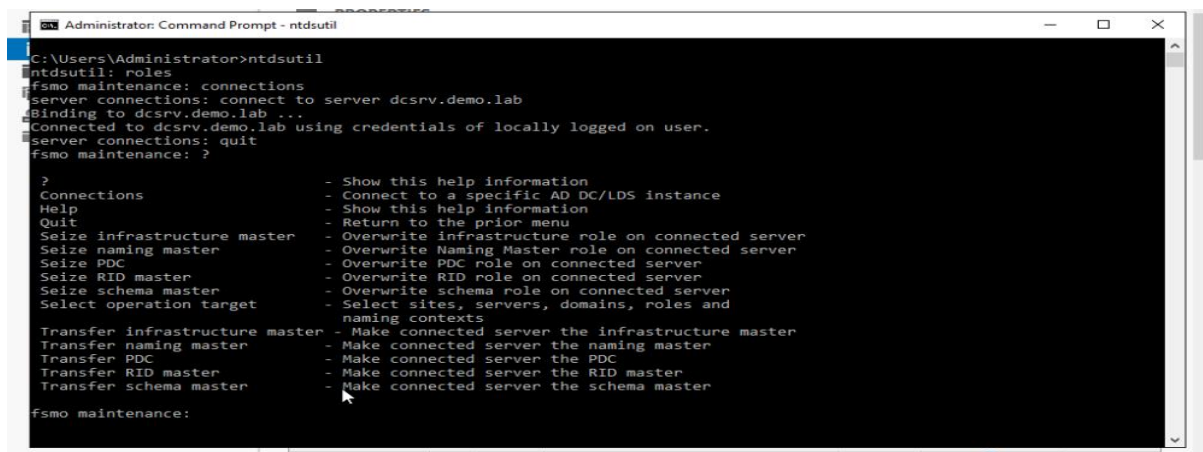
```
Administrator: Command Prompt - ntdsutil
C:\Users\Administrator>ntdsutil
ntdsutil: roles
fsmo maintenance: connections
server connections: connect to server dcsrv.demo.lab
Binding to dcsrv.demo.lab ...
Connected to dcsrv.demo.lab using credentials of locally logged on user.
server connections: _
```

➤ **quit**



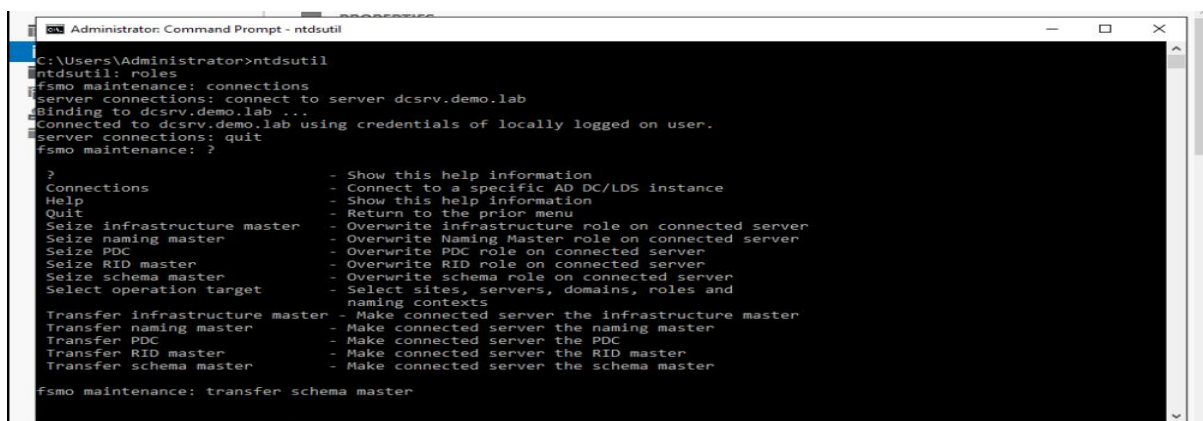
Give question mark to see the commands in the fsmo maintenance

➤ **?**

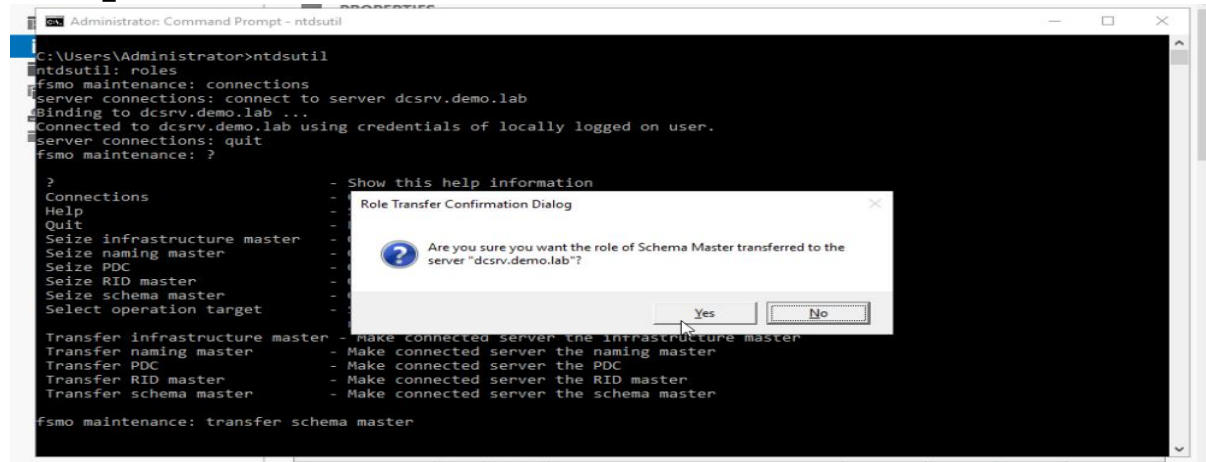


To transfer the schema master role

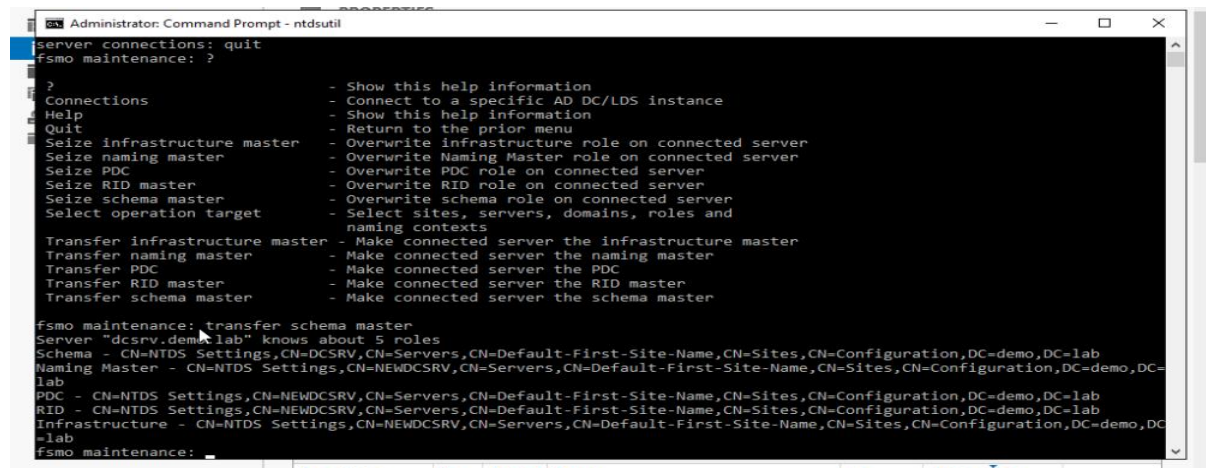
➤ **transfer schema master**



Click -> Yes

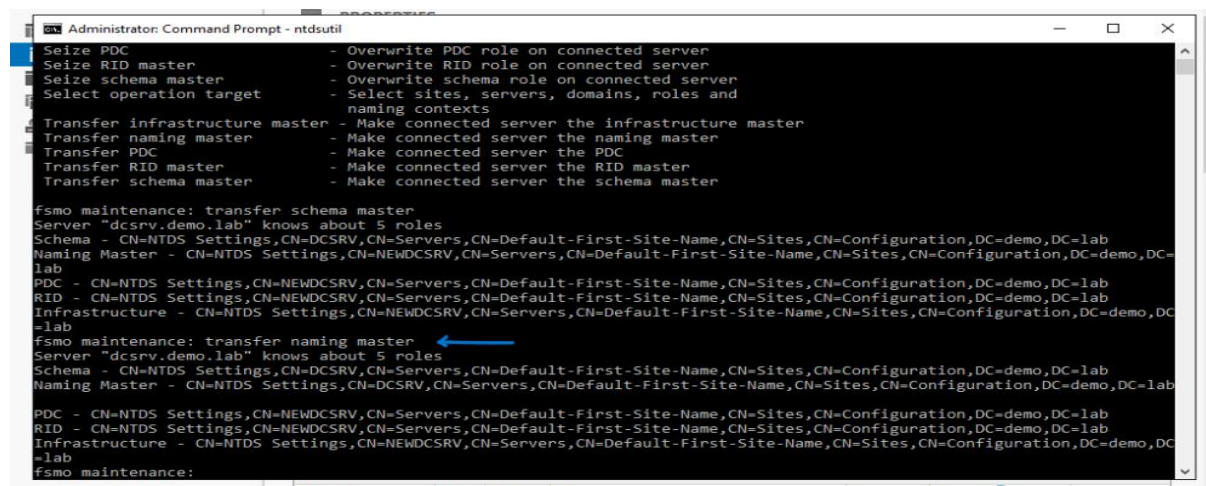


You will see this screen, that means your roles has been transferred.



To transfer the domain naming master role

➤ transfer naming master



To transfer the RID master role

➤ *transfer rid master*

To transfer the PDC role

➤ *transfer pdc*

To transfer Infrastructure role

➤ *transfer infrastructure master*

after all transfer type command

➤ *quit*

➤ *quit*

and type a command to check roles are transferred or not

➤ *netdom query fsmo*

```
Administrator: Command Prompt
Server "dcsrv.demo.lab" knows about 5 roles
Schema - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
Naming Master - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
PDC - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
RID - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
Infrastructure - CN=NTDS Settings,CN=NEWDCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
fsmo maintenance: transfer infrastructure master
Server "dcsrv.demo.lab" knows about 5 roles
Schema - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
Naming Master - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
PDC - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
RID - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
Infrastructure - CN=NTDS Settings,CN=DCSRV,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=demo,DC=lab
fsmo maintenance: quit
ntdsutil: quit

C:\Users\Administrator>netdom query fsmo
Schema master           dcsrv.demo.lab
Domain naming master    dcsrv.demo.lab
PDC                     dcsrv.demo.lab
RID pool manager        dcsrv.demo.lab
Infrastructure master    dcsrv.demo.lab
The command completed successfully.

C:\Users\Administrator>
```

This is how you transfer FSMO roles using ntdsutil utility using CLI.