

Migration from 2003 to 2012

The screenshot shows the 'Active Directory Users and Computers' console window. A dialog box titled 'Operations Masters' is open, showing the 'PDC' and 'Infrastructure' tabs. The 'Operations master' field contains 'DC01.techtubeonline.com'. Below it, a list of servers includes 'DC-2012.techtubeonline.com'. A 'Change...' button is visible next to the target server. The background console shows a tree view of the domain 'techtubeonline.com' with various organizational units like 'Accounts', 'Admin', 'BuiltIn', 'Computers', etc.

Transfer FSMO role from DC01 to DC-2012.

Open Active Directory Users and Computers Console and Change RID, PDC & Infrastructure Operation Master from DC01 to DC-2012.

18:20 / 31:43

10:42 AM 11/1/2012

Active Directory Migration from Windows Server 2003 R2 to Windo...

Active Directory Domains and Trusts

File Action View Help

Active Directory Domains and Trusts
techubeonline.com

Name	Type
techubeonline.com	domainDNS

Change Directory Server

Current Directory Server:
dc01.techubeonline.com

Change to:

Any writable Domain Controller
 This Domain Controller or AD LDS instance

Look in the domain: techubeonline.com

Name	Site	DC Type	DC Version	Status
<Type a Directory Server name[port] here>				
DC-2012.techubeonline.com	Default-First-Site-Name	GC	Windows	Online
DC01.techubeonline.com	Default-First-Site-Name	GC	W2K3	Online

Open Active Directory Domains and Trusts Console and Change Domain Naming Operation Master from DC01 to DC-2012.

TGO

10:44 AM
11/1/2012

19:14 / 31:43

Recycle Bin

Administrator: Command Prompt

```
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.

C:\Windows\system32>reg_
```

Change Schema Master from DC01 to DC-2012

To Change Schema Master register Schema Master Console from command prompt.

Run `regsvr32 schmmgmt.dll` on Command prompt.

Windows Server 2012

Windows Server 2012 Standard Evaluation
Windows License: 150 days
4 9200

10:45 AM
11/1/2012

19:55 / 31:43

The screenshot shows the Active Directory Schema console in a Windows environment. The window title is "Console1 - [Console Root]Active Directory Schema [DC-2012.techtubeonline.com]". The left pane shows a tree view with "Console Root" expanded to "Active Directory Schema". A context menu is open over the "Active Directory Schema" folder, with "Operations Master..." selected. The menu items are: "Change Active Directory Domain Controller...", "Connect to Schema Operations Master", "Operations Master...", "Permissions...", "Reload the Schema", "View", "New Window from Here", "New Tasked View...", "Refresh", "Export List...", and "Help". The right pane shows "Active Directory Schema" with a "More Actions" link. The taskbar at the bottom shows the system tray with the time "10:46 AM" and date "11/1/2012". A video player interface is overlaid at the bottom, showing a play button, volume icon, and a progress bar at "21:04 / 31:43". A "TGO" logo is visible in the bottom right corner of the console window.

Console1 - [Console Root]Active Directory Schema [DC-2012.techtubeonline.com]

File Action View Favorites Window Help

Console Root

- Active Directory Schema
 - Change Active Directory Domain Controller...
 - Connect to Schema Operations Master
 - Operations Master...
 - Permissions...
 - Reload the Schema
 - View
 - New Window from Here
 - New Tasked View...
 - Refresh
 - Export List...
 - Help

Active Directory Schema

More Actions

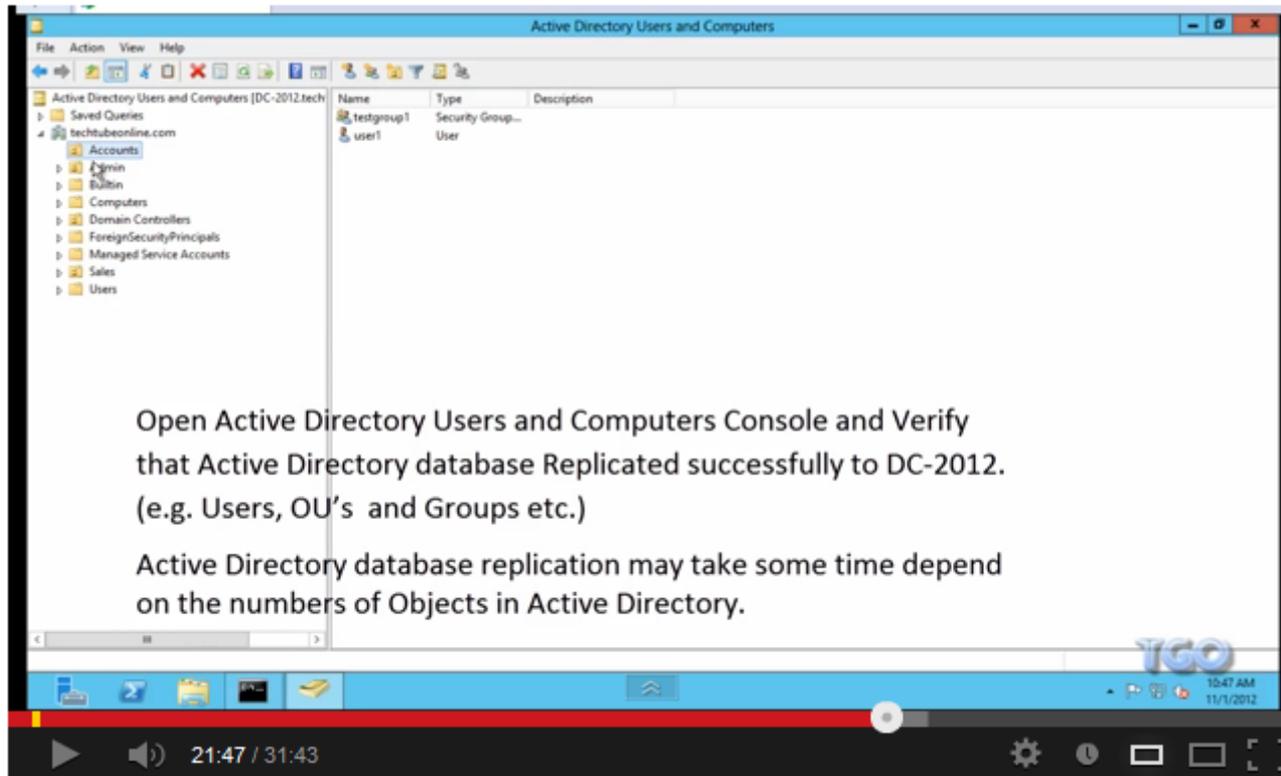
Change the Operations Master

10:46 AM
11/1/2012

21:04 / 31:43

TGO

Add Active Directory Schema Console from MMC
and Change Schema Master from DC01 to DC-2012.



The screenshot shows the Active Directory Users and Computers console for the domain techtubeonline.com. The left pane shows the tree structure with 'Accounts' selected. The right pane displays a table of objects:

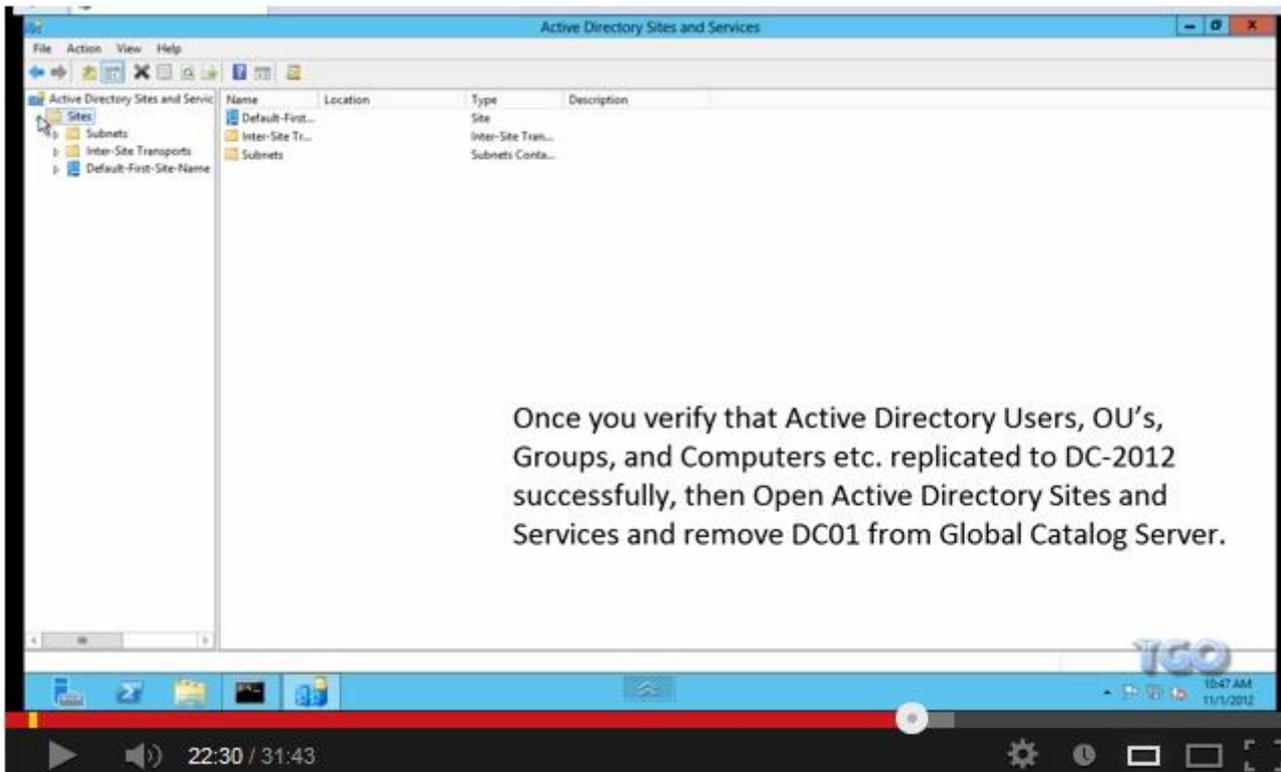
Name	Type	Description
testgroup1	Security Group	
user1	User	

Open Active Directory Users and Computers Console and Verify that Active Directory database Replicated successfully to DC-2012. (e.g. Users, OU's and Groups etc.)

Active Directory database replication may take some time depend on the numbers of Objects in Active Directory.

TGO 10:47 AM 11/1/2012

21:47 / 31:43



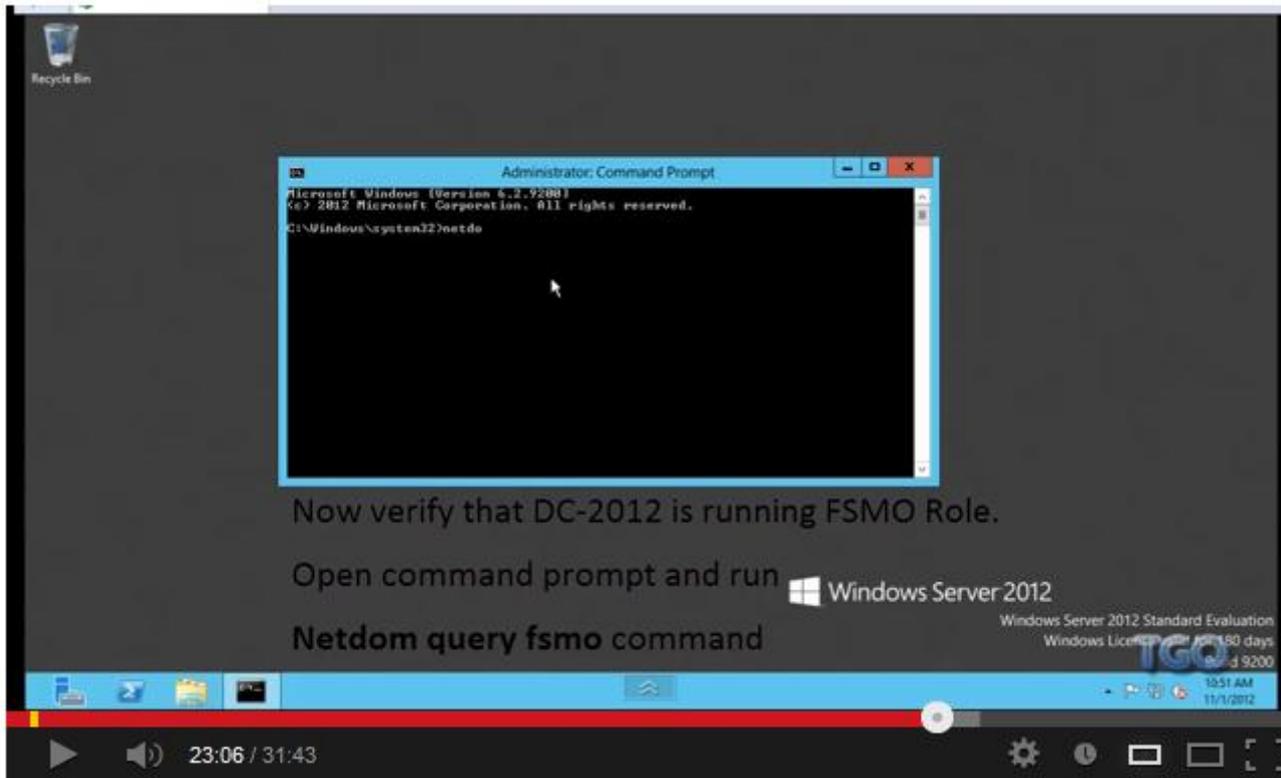
The screenshot shows the 'Active Directory Sites and Services' console window. The left pane shows a tree view with 'Sites' expanded, containing 'Subnets', 'Inter-Site Transports', and 'Default-First-Site-Name'. The right pane displays a table with the following data:

Name	Location	Type	Description
Default-First...		Site	
Inter-Site Tr...		Inter-Site Tran...	
Subnets		Subnets Conta...	

Once you verify that Active Directory Users, OU's, Groups, and Computers etc. replicated to DC-2012 successfully, then Open Active Directory Sites and Services and remove DC01 from Global Catalog Server.

TCO
10:47 AM
11/1/2012

22:30 / 31:43



Recycle Bin

```
Administrator: Command Prompt
Microsoft Windows [Version 6.2.9200]
(c) 2012 Microsoft Corporation. All rights reserved.
C:\Windows\system32>netdom
```

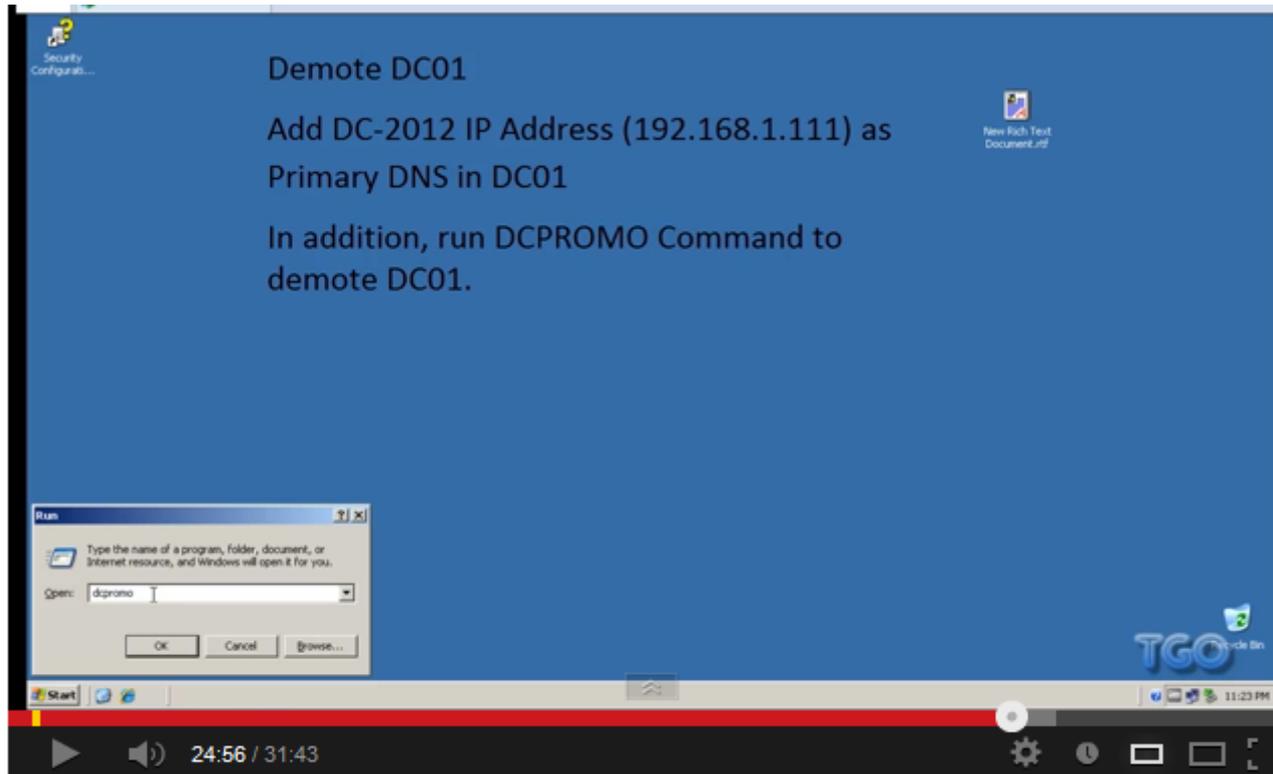
Now verify that DC-2012 is running FSMO Role.

Open command prompt and run  Windows Server 2012

Netdom query fsmo command

Windows Server 2012 Standard Evaluation
Windows License: 180 days
10:51 AM
11/1/2012

23:06 / 31:43



Active Directory Migration from Windows Server 2003 R2 to Windo...

Active Directory Users and Computers

File Action View Help

Active Directory Users and Computers

Saved Queries

tachtubeonline.com

Raise domain functional level

Domain name:
tachtubeonline.com

Current domain functional level:
Windows Server 2003

Select an available domain functional level:
Windows Server 2008

After you raise the domain functional level, it is possible that you may not be able to reverse it. For more information, see the help topic.

Raise domain functional level

This change affects the entire domain. After you raise the domain functional level, it is possible that you may not be able to reverse it.

OK Cancel

Raise Domain and Forest functional level to Windows Server 2008 in DC-2012.

TCO

11:02 AM
11/1/2012

26:43 / 31:43

The screenshot shows the 'Active Directory Domains and Trusts' console window. The main pane displays a table with the following content:

Name	Type
techtubeonline.com	domainDNS

A dialog box titled 'Raise forest functional level' is open in the center. It contains the following information:

- Forest name: techtubeonline.com
- Current forest functional level: Windows Server 2003
- Select an available forest functional level: Windows Server 2008 (selected in the dropdown)
- Warning: After you raise the forest functional level, it is possible that you may not be able to reverse it. For more information on forest functional levels, click Help.
- Buttons: Raise, Cancel, Help

At the bottom of the screenshot, there is a video player interface with a progress bar showing 27:01 / 31:43 and a system tray with the date 11/1/2012 and time 11:02 AM.

Raise Domain and Forest functional level to Windows Server 2008 in DC-2012.