## **Rename a domain controller**

To rename a domain controller, we can use "netdom" to complete it.

## **Prerequisites**

• Make sure the domain functional level is Windows Server 2003 or later

In my lab environment, there is 2 domain controllers named DC01 and DC02. I would like to rename DC02 to HKGDC02. 2 domain controllers were installed Windows Server 2012 with Active Directory Domain Services and the domain name is abc.local. The forest functional level and domain functional level is Windows Server 2003.

- 1. On DC02, log in as Domain Administrator.
- 2. Launch "Command Prompt" as administrator.
- 3. Perform "netdom computername DC02.abc.local /add:HKGDC02.abc.local".



This command added the additional DNS Host Name and update service principal name (SPN) attributes in Active Directory for this computer account.

tribute Editor Security	
Attributes:	
Attribute	Value
localPolicyFlags	0
logonCount.	9
msDS-AdditionalDnsHostNam	e HKGDC02.abc.local
msDS-SupportedEncryptionTy	pes 0x1C = (RC4_HMAC_MD51AES1
objectCategory	CN=Computer,CN=Schema,CN=Cc
objectClass	top; person; organizationalPerson;
operating System	Windows Server 2012 Datacenter
operating System Version	6.2 (9200)
primaryGroupID	516 = (GROUP_RID_CONTROLL
pwdLastSet	6/14/2013 11:56:37 AM China Sta =
sAMAccountName	DC02\$
sAMAccountType	805306369 = ( MACHINE_ACCOU
servicePrincipalName	Dfsr-12F9A27C-BF97-4787-9364-D
userAccountControl	0x82000 = (SERVER_TRUST_AC
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	Multi-valued String Editor		x
Attribute:	servicePrincipalName		
Value to add:			
		Add	
Values:			_
Cher-12F9A27 Dfsr-12F9A27 Dfsr-12F9A27 DNS//DC02 E3514235-4B GC/DC02 abc GC/HKGDC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//DC02 HOST//HKGD	C-BF97-4787-9364-D31B6C55EB0 C-BF97-4787-9364-D31B6C55EB0 Inclocal D2 abc local 02 abc local 02 abc local 2 abc local/abc local abc local/abc local abc local/abc local abc local/ABC abc local/ABC abc local/ABC abc local/ABC C02 C02.abc local >	Remove	
	ОК	Cancel	

Remark: Make sure all domain controllers of this domain received this update from Active Directory replication.

4. Perform "netdom computername DC02.abc.local /makeprimary:HKGDC02.abc.local".





9. Launch"CommandPrompt"asadministrator.10. Perform"netdom computernameHKGDC02.abc.local /remove:DC02.abc.local"toremovetheoldcomputernameofHKGDC02.

C:\>netdom computername HKGDC02.abc.local /remove:DC02.abc.local Successfully removed DC02.abc.local as an alternamte name for the computer. The command completed successfully.

Directory Computers". 11. Launch "Active Users and 12. "View Features". On the menu, click > Advanced

	Active Directory Users and Computers		
File Action Vie	w Help		
++ 2 [	Add/Remove Columns		
Active Direc Saved C Saved C Saved C Saved C Corr Saved C Saved C S	Large Lone Small Lone List Detal Users, Contacts, Groups, and Computers as containers Advanced Petatures Piter Options Contermine	oription with container for up with container for up with container for up with container for up	

13. Expand	"abc.local > System	> File Replication	Service >	<b>Domain System</b>
Volume	(SYSVOL	share)	>	DC02".
14.	Right-click	" <b>DC02</b> ",	select	"Rename".





18. Make sure "Default naming context" is selected.

	Conne	ection Sett	ings	
Name:	Default naming context	t		
Path:	LDAP://HKGDC02.abc.k	ocal/Default r	aming cont	text
Conn	ection Point elect or type a <u>D</u> istinguis	hed Name or I	Naming Cor	ntext:
				¥
05	elect a well known Namin	g Context:		
	Default naming context			~
Comp	uter elect or type a domain or	gerver: (Serv	ver   Domai	n (:port)) V
00	grauit (Domain or server se SSL-based Encryption	that you logg	ied in toj	

19.Click"OK".20. Expand "Default naming context > DC=abc,DC=local > OU=Domain Controllers>CN=HKGDC02>CN=NTFRS21. On right pane, right-click "CN=Domain System Volume (SYSVOL share)", select"Properties".



22. Make sure the name of "fRSMemberReference" was changed to new name.



23.

## Click

"**OK**".

If the domain is used DFS replication for SYSVOL, we can navigate to **abc.local** > **System** > **DFSR-GlobalSettings** > **Domain System Volume** > **Topology** > **DC02**" in Active Directory Users and Computers to rename the domain controller.



To verify the setting, launch "ADSI Edit" and then navigate to "Default naming context > DC=abc,DC=local > OU=Domain Controllers > CN=HKGDC02 > CN=DFSR-LocalSettings".

Right-click "CN=Domain System Volume", select "Properties".

noute Editor Security			
ttributes:			
Attribute	Value ^		
cn	Domain System Volume		
distinguishedName	CN=Domain System Volume,CN=DF\$		
dSCorePropagationData	0x0 = ( )		
instanceType	0x4 = (WRITE)		
msDFSR-MemberReference	CN=HKGDC02.CN=Topology.CN=De		
msDFSR-ReplicationGroupGuid	\4C\A9\E5\53\99\51\9E\41\83\F#		
name	Domain System Volume		
objectCategory	CN=ms-DFSR-Subscriber,CN=Schen		
objectClass	top; msDFSR-Subscriber		
objectGUID	00581e06-6cad-4e17-b987-d401175		
repiPropertyMetaData	AttID Ver Loc.USN Org		
showInAdvancedViewOnly	TRUE		
uSNChanged	12372		
uSNCreated	12372 🗸		
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Make sure the name of "msDFSR-MemberReference" was changed to new name.

Remark: After renamed the domain controller, you may need to delete the old resourcerecordsintheDNSserverbyyourself.



Update the FRS or DFS Replication Member Object