

## Re: dcdiag – advertising errors on newley promoted domain controller

---

*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2008-10/msg00047](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2008-10/msg00047)

---

- *From:* "Andrew Story" <andrewDOTstoryATjameswalkerDOTbiz>
  - *Date:* Wed, 1 Oct 2008 13:37:05 +0100
- 

netdiag /fix on the problem server (server2) has the following error, server1 has no errors.

Domain membership test . . . . . : Failed  
[WARNING] This system volume has not been completely replicated to the local machine. This machine is not working properly as a DC.

Any more help much appreciated guys

"Andrew Story" <andrewDOTstoryATjameswalkerDOTbiz> wrote in message [news:ufTnwI8IJHA.4968@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ufTnwI8IJHA.4968@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Meinolf,

All DC's are in their own site, sites and services have been configured.

I've just changed the DNS server addresses on both DC's so they are each other secondary (new DC on this site, so forgot to do this earlier)

"Meinolf Weber" <meiweb(nospam)@gmx.de> wrote in message [news:ff16fb6689b28caf1e7f6175680@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ff16fb6689b28caf1e7f6175680@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hello Andrew,

If the secondary DNS is the Main office, I assume both other DC's are in the same site? Then change the secondary DNS to the other site DNS server. Did you setup AD sites and services with the subnets and move the DC's to the correct site?

Best regards

Meinolf Weber

Disclaimer: This posting is provided "AS IS" with no warranties, and confers no rights.

Re: dcdiag – advertising errors on newley promoted domain controller

\*\* Please do NOT email, only reply to Newsgroups

\*\* HELP us help YOU!!! [http://www.blakjak.demon.co.uk/mul\\_crss.htm](http://www.blakjak.demon.co.uk/mul_crss.htm)

Hello,

10.0.33.99 is our UHB domain controller at head office.

We use only AD integrated zones.

Output from dcdiag below.

Server1

Domain Controller Diagnosis

Performing initial setup:

\* Connecting to directory service on server uksccmads01.

\* Collecting site info.

\* Identifying all servers.

\* Identifying all NC cross-refs.

\* Found 28 DC(s). Testing 1 of them.

Done gathering initial info.

Doing initial required tests

Testing server: UK-CCM\UKSCCMADS01

Starting test: Connectivity

\* Active Directory LDAP Services Check

\* Active Directory RPC Services Check

..... UKSCCMADS01 passed test

Connectivity

Doing primary tests

Testing server: UK-CCM\UKSCCMADS01

Starting test: Replications

\* Replications Check

\* Replication Latency Check

The replications latency check is not available on this DC.

\* Replication Site Latency Check

..... UKSCCMADS01 passed test

Replications

Test omitted by user request: Topology

Test omitted by user request: CutoffServers

Starting test: NCSecDesc

\* Security Permissions check for all NC's on DC

UKSCCMADS01.

\* Security Permissions Check for

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
(Schema,Version 1)

\* Security Permissions Check for

Re: dcdiag – advertising errors on newly promoted domain controller

```
CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
(Configuration,Version 1)
* Security Permissions Check for
DC=jw-uk,DC=jameswalker,DC=co,DC=uk
(Domain,Version 1)
..... UKSCCMADS01 passed test NCSecDesc
Starting test: NetLogons
* Network Logons Privileges Check
Verified share \\UKSCCMADS01\netlogon
Verified share \\UKSCCMADS01\sysvol
..... UKSCCMADS01 passed test NetLogons
Starting test: Advertising
The DC UKSCCMADS01 is advertising itself as a DC and
having a
DS.
The DC UKSCCMADS01 is advertising as an LDAP server
The DC UKSCCMADS01 is advertising as having a
writeable
directory
The DC UKSCCMADS01 is advertising as a Key
Distribution
Center
The DC UKSCCMADS01 is advertising as a time server
The DS UKSCCMADS01 is advertising as a GC.
..... UKSCCMADS01 passed test Advertising
Starting test: KnowsOfRoleHolders
Role Schema Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Role Domain Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Role PDC Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Role Rid Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Role Infrastructure Update Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
..... UKSCCMADS01 passed test
KnowsOfRoleHolders
Starting test: RidManager
* Available RID Pool for the Domain is 44630 to
1073741823
* uksbcsads01.jw-uk.jameswalker.co.uk is the RID Master
* DsBind with RID Master was successful
* rIDAllocationPool is 24130 to 24629
* rIDNextRID: 24362
* rIDPreviousAllocationPool is 24130 to 24629
```

Re: dcdiag – advertising errors on newley promoted domain controller

```
..... UKSCCMADS01 passed test RidManager
Starting test: MachineAccount
Checking machine account for DC UKSCCMADS01 on DC
UKSCCMADS01.
* SPN found
:LDAP/UKSCCMADS01.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
* SPN found
:LDAP/UKSCCMADS01.jw-uk.jameswalker.co.uk
* SPN found :LDAP/UKSCCMADS01
* SPN found
:LDAP/UKSCCMADS01.jw-uk.jameswalker.co.uk/JW-UK
* SPN found
:LDAP/01ec5333-2511-4b47-8f45-b15609a3b4a2._msdcs.jw-uk.jameswalker.co
.uk
* SPN found
:E3514235-4B06-11D1-AB04-00C04FC2DCD2/01ec5333-2511-4b47-8f45-b15609a3
b4a2/jw-uk.jameswalker.co.uk
* SPN found
:HOST/UKSCCMADS01.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
* SPN found
:HOST/UKSCCMADS01.jw-uk.jameswalker.co.uk
* SPN found :HOST/UKSCCMADS01
* SPN found
:HOST/UKSCCMADS01.jw-uk.jameswalker.co.uk/JW-UK
* SPN found
:GC/UKSCCMADS01.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
..... UKSCCMADS01 passed test
MachineAccount
Starting test: Services
* Checking Service: Dnscache
* Checking Service: NtFrs
* Checking Service: IsmServ
* Checking Service: kdc
* Checking Service: SamSs
* Checking Service: LanmanServer
* Checking Service: LanmanWorkstation
* Checking Service: RpcSs
* Checking Service: w32time
* Checking Service: NETLOGON
..... UKSCCMADS01 passed test Services
Test omitted by user request: OutboundSecureChannels
Starting test: ObjectsReplicated
UKSCCMADS01 is in domain
DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Checking for CN=UKSCCMADS01,OU=Domain
Controllers,DC=jw-uk,DC=jameswalker,DC=co,DC=uk in
domain
DC=jw-uk,DC=jameswalker,DC=co,DC=uk on 1 servers
Object is up-to-date on all servers.
Checking for CN=NTDS
Settings,CN=UKSCCMADS01,CN=Servers,CN=UK-CCM,CN=Sites,CN=Configuration
```

Re: dcdiag – advertising errors on newley promoted domain controller

,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
in domain  
CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
on 1  
servers  
Object is up-to-date on all servers.  
..... UKSCCMADS01 passed test  
ObjectsReplicated  
Starting test: frssysvol  
\* The File Replication Service SYSVOL ready test  
File Replication Service's SYSVOL is ready  
..... UKSCCMADS01 passed test frssysvol  
Starting test: frsevent  
\* The File Replication Service Event log test  
..... UKSCCMADS01 passed test frsevent  
Starting test: kccevent  
\* The KCC Event log test  
Found no KCC errors in Directory Service Event log in the  
last 15  
minutes.  
..... UKSCCMADS01 passed test kccevent  
Starting test: systemlog  
\* The System Event log test  
Found no errors in System Event log in the last 60 minutes.  
..... UKSCCMADS01 passed test systemlog  
Test omitted by user request: VerifyReplicas  
Starting test: VerifyReferences  
The system object reference (serverReference)  
CN=UKSCCMADS01,OU=Domain  
Controllers,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

and backlink on

CN=UKSCCMADS01,CN=Servers,CN=UK-CCM,CN=Sites,CN=Configuration,DC=jw-uk  
,DC=jameswalker,DC=co,DC=uk

are correct.

The system object reference (frsComputerReferenceBL)  
CN=UKSCCMADS01,CN=Domain System Volume  
(SYSVOL share),CN=File  
Replication  
Service,CN=System,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

and backlink on

CN=UKSCCMADS01,OU=Domain  
Controllers,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

are correct.

The system object reference (serverReferenceBL)

Re: dcdiag – advertising errors on newley promoted domain controller

CN=UKSCCMADS01,CN=Domain System Volume  
(SYSVOL share),CN=File  
Replication  
Service,CN=System,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

and backlink on

CN=NTDS  
Settings,CN=UKSCCMADS01,CN=Servers,CN=UK-CCM,CN=Sites,CN=Configuration  
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

are correct.

..... UKSCCMADS01 passed test

VerifyReferences

Test omitted by user request: VerifyEnterpriseReferences

Test omitted by user request: CheckSecurityError

Running partition tests on : Schema

Starting test: CrossRefValidation

..... Schema passed test

CrossRefValidation

Starting test: CheckSDRefDom

..... Schema passed test CheckSDRefDom

Running partition tests on : Configuration

Starting test: CrossRefValidation

..... Configuration passed test

CrossRefValidation

Starting test: CheckSDRefDom

..... Configuration passed test

CheckSDRefDom

Running partition tests on : jw-uk

Starting test: CrossRefValidation

..... jw-uk passed test

CrossRefValidation

Starting test: CheckSDRefDom

..... jw-uk passed test CheckSDRefDom

Running enterprise tests on : jw-uk.jameswalker.co.uk

Starting test: Intersite

Skipping site UK-CCM, this site is outside the scope  
provided

by

the

command line arguments provided.

Skipping site UK-LNH, this site is outside the scope  
provided

by

the

command line arguments provided.

Skipping site UK-CRW, this site is outside the scope  
provided

by

the

Re: dcdiag – advertising errors on newley promoted domain controller

command line arguments provided.  
Skipping site UK–BNG, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site NL–OBL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK–HYD, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site SG–SGP, this site is outside the scope provided  
by  
the  
command line arguments provided.  
Skipping site BE–WLR, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR–LYN, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site IE–CRK, this site is outside the scope provided  
by  
the  
command line arguments provided.  
Skipping site BE–WTB, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site BE–NNE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR–MTZ, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR–DNK, this site is outside the scope  
provided

Re: dcdiag – advertising errors on newley promoted domain controller

by  
the  
command line arguments provided.  
Skipping site ZA-DBN, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR-MRS, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site NL-NWL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-BGH, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-SNY, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-NCE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-ADL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-BBE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-MBE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-BDN, this site is outside the scope  
provided  
by

Re: dcdiag – advertising errors on newley promoted domain controller

the  
command line arguments provided.  
Skipping site AU-PTH, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-DDY, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
..... jw-uk.jameswalker.co.uk passed test  
Intersite  
Starting test: FsmoCheck  
GC Name: \\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
PDC Name: \\uksbcsads01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe000017d  
Time Server Name:  
\\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
Preferred Time Server Name:  
\\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
KDC Name: \\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
..... jw-uk.jameswalker.co.uk passed test  
FsmoCheck  
Test omitted by user request: DNS  
Test omitted by user request: DNS  
Server2

#### Domain Controller Diagnosis

Performing initial setup:  
\* Verifying that the local machine UKSCCMADS02, is a  
DC.  
\* Connecting to directory service on server  
UKSCCMADS02.  
\* Collecting site info.  
\* Identifying all servers.  
\* Found 28 DC(s). Testing 1 of them.  
Done gathering initial info.  
Doing initial required tests

Testing server: UK-CCM\UKSCCMADS02  
Starting test: Connectivity  
\* Active Directory LDAP Services Check  
\* Active Directory RPC Services Check  
..... UKSCCMADS02 passed test

Re: dcdiag – advertising errors on newley promoted domain controller

Connectivity  
Doing primary tests

Testing server: UK-CCM\UKSCCMADS02

Starting test: Replications

\* Replications Check

..... UKSCCMADS02 passed test

Replications

Test omitted by user request: Topology

Test omitted by user request: CutoffServers

Starting test: NCSecDesc

\* Security Permissions Check for

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

\* Security Permissions Check for

CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

\* Security Permissions Check for

DC=jw-uk,DC=jameswalker,DC=co,DC=uk

..... UKSCCMADS02 passed test NCSecDesc

Starting test: NetLogons

\* Network Logons Privileges Check

..... UKSCCMADS02 passed test NetLogons

Starting test: Advertising

Warning: DsGetDcName returned information for

\\UKSCCMADS01.jw-uk.jameswalker.co.uk, when we were trying to reach

UKSCCMADS02.

Server is not responding or is not considered suitable.

The DC UKSCCMADS02 is advertising itself as a DC and

having a

DS.

The DC UKSCCMADS02 is advertising as an LDAP server

The DC UKSCCMADS02 is advertising as having a

writable

directory

The DC UKSCCMADS02 is advertising as a Key

Distribution

Center

The DC UKSCCMADS02 is advertising as a time server

..... UKSCCMADS02 failed test Advertising

Starting test: KnowsOfRoleHolders

Role Schema Owner = CN=NTDS

Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

Role Domain Owner = CN=NTDS

Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

Role PDC Owner = CN=NTDS

Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

Role Rid Owner = CN=NTDS

Re: dcdiag – advertising errors on newley promoted domain controller

```
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Role Infrastructure Update Owner = CN=NTDS
Settings,CN=UKSBCSADS01,CN=Servers,CN=UK-LNH,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
..... UKSCCMADS02 passed test
KnowsOfRoleHolders
Starting test: RidManager
* Available RID Pool for the Domain is 44630 to
1073741823
* uksbcads01.jw-uk.jameswalker.co.uk is the RID Master
* DsBind with RID Master was successful
* rIDAllocationPool is 44130 to 44629
* rIDNextRID: 44130
* rIDPreviousAllocationPool is 44130 to 44629
..... UKSCCMADS02 passed test RidManager
Starting test: MachineAccount
* SPN found
:LDAP/UKSCCMADS02.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
* SPN found
:LDAP/UKSCCMADS02.jw-uk.jameswalker.co.uk
* SPN found :LDAP/UKSCCMADS02
* SPN found
:LDAP/UKSCCMADS02.jw-uk.jameswalker.co.uk/JW-UK
* SPN found
:LDAP/010e96bd-6ce3-46f0-8791-abee8f2ca7e9._msdcs.jw-uk.jameswalker.co
.uk
* SPN found
:E3514235-4B06-11D1-AB04-00C04FC2DCD2/010e96bd-6ce3-46f0-8791-abee8f2c
a7e9/jw-uk.jameswalker.co.uk
* SPN found
:HOST/UKSCCMADS02.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
* SPN found
:HOST/UKSCCMADS02.jw-uk.jameswalker.co.uk
* SPN found :HOST/UKSCCMADS02
* SPN found
:HOST/UKSCCMADS02.jw-uk.jameswalker.co.uk/JW-UK
* SPN found
:GC/UKSCCMADS02.jw-uk.jameswalker.co.uk/jw-uk.jameswalker.co.uk
..... UKSCCMADS02 passed test
MachineAccount
Starting test: Services
* Checking Service: Dnscache
* Checking Service: NtFrs
* Checking Service: IsmServ
* Checking Service: kdc
* Checking Service: SamSs
* Checking Service: LanmanServer
* Checking Service: LanmanWorkstation
* Checking Service: RpcSs
* Checking Service: RPCLOCATOR
```

Re: dcdiag – advertising errors on newley promoted domain controller

```
* Checking Service: w32time
* Checking Service: TrkWks
* Checking Service: TrkSvr
* Checking Service: NETLOGON
..... UKSCCMADS02 passed test Services
Test omitted by user request: OutboundSecureChannels
Starting test: ObjectsReplicated
UKSCCMADS02 is in domain
DC=jw-uk,DC=jameswalker,DC=co,DC=uk
Checking for CN=UKSCCMADS02,OU=Domain
Controllers,DC=jw-uk,DC=jameswalker,DC=co,DC=uk in
domain
DC=jw-uk,DC=jameswalker,DC=co,DC=uk on 1 servers
Object is up-to-date on all servers.
Checking for CN=NTDS
Settings,CN=UKSCCMADS02,CN=Servers,CN=UK-CCM,CN=Sites,CN=Configuration
,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
in domain
CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk
on 1
servers
Object is up-to-date on all servers.
..... UKSCCMADS02 passed test
ObjectsReplicated
Starting test: frssysvol
* The File Replication Service Event log test
Error: No record of File Replication System, SYSVOL
started.
The Active Directory may be prevented from starting.
There are errors after the SYSVOL has been shared.
The SYSVOL can prevent the AD from starting.
An Warning Event occured. EventID: 0x800034FD
Time Generated: 10/01/2008 11:06:29
Event String: File Replication Service is initializing the
system volume with data from another domain

controller. Computer UKSCCMADS02 cannot become a

domain controller until this process is complete.

The system volume will then be shared as SYSVOL.

To check for the SYSVOL share, at the command

prompt, type:

net share

When File Replication Service completes the

initialization process, the SYSVOL share will
```

appear.

The initialization of the system volume can take some time. The time is dependent on the amount of data in the system volume, the availability of other domain controllers, and the replication interval between domain controllers.

An Warning Event occurred. EventID: 0x800034C4  
Time Generated: 10/01/2008 11:08:21  
Event String: The File Replication Service is having trouble enabling replication from

\\UKSCCMADS01.jw-uk.jameswalker.co.uk to UKSCCMADS02 for c:\winnt\sysvol\domain using the DNS name \\UKSCCMADS01.jw-uk.jameswalker.co.uk.

FRS will keep retrying.

Following are some of the reasons you would see this warning.

[1] FRS can not correctly resolve the DNS name

\\UKSCCMADS01.jw-uk.jameswalker.co.uk from this computer.

[2] FRS is not running on

\\UKSCCMADS01.jw-uk.jameswalker.co.uk.

[3] The topology information in the Active Directory for this replica has not yet replicated to all the Domain Controllers.

This event log message will appear once per connection, After the problem is fixed you will see another event log message indicating that the

Re: dcdiag – advertising errors on newley promoted domain controller

connection has been established.

An Warning Event occured. EventID: 0x800034C4

Time Generated: 10/01/2008 11:16:20

Event String: The File Replication Service is having trouble

enabling replication from UKSCCMADS01 to

UKSCCMADS02 for c:\winnt\sysvol\domain using the

DNS name UKSCCMADS01.jw-uk.jameswalker.co.uk.

FRS

will keep retrying.

Following are some of the reasons you would see

this warning.

[1] FRS can not correctly resolve the DNS name

UKSCCMADS01.jw-uk.jameswalker.co.uk from this

computer.

[2] FRS is not running on

UKSCCMADS01.jw-uk.jameswalker.co.uk.

[3] The topology information in the Active

Directory for this replica has not yet replicated

to all the Domain Controllers.

This event log message will appear once per

connection, After the problem is fixed you will

see another event log message indicating that the

connection has been established.

..... UKSCCMADS02 passed test frssysvol

Starting test: kccevent

\* The KCC Event log test

Found no KCC errors in Directory Service Event log in the last 15

minutes.

..... UKSCCMADS02 passed test kccevent

Starting test: systemlog

\* The System Event log test

Re: dcdiag – advertising errors on newley promoted domain controller

An Error Event occured. EventID: 0x0000041B  
Time Generated: 10/01/2008 12:06:40  
Event String: The DHCP/BINL service has determined that it  
is  
not authorized to service clients on this network

for the Windows domain: jw-uk.jameswalker.co.uk.  
..... UKSCCMADS02 failed test systemlog  
Running enterprise tests on : jw-uk.jameswalker.co.uk  
Starting test: Intersite  
Skipping site ZA-DBN, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-CCM, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-BNG, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-CRW, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-HYD, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-BDN, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR-LYN, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR-MTZ, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site FR-DNK, this site is outside the scope

Re: dcdiag – advertising errors on newly promoted domain controller

provided  
by  
the  
command line arguments provided.  
Skipping site FR–MRS, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site NL–OBL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site NL–NWL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site BE–WLR, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site BE–WTB, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site BE–NNE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site IE–CRK, this site is outside the scope provided  
by  
the  
command line arguments provided.  
Skipping site SG–SGP, this site is outside the scope provided  
by  
the  
command line arguments provided.  
Skipping site UK–DDY, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU–NCE, this site is outside the scope  
provided  
by  
the

Re: dcdiag – advertising errors on newley promoted domain controller

command line arguments provided.  
Skipping site AU-MBE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-BBE, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-ADL, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-PTH, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site AU-SNY, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-BGH, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
Skipping site UK-LNH, this site is outside the scope  
provided  
by  
the  
command line arguments provided.  
..... jw-uk.jameswalker.co.uk passed test  
Intersite  
Starting test: FsmoCheck  
GC Name: \\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
PDC Name: \\uksbcsads01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe000017d  
Time Server Name:  
\\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
Preferred Time Server Name:  
\\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc  
KDC Name: \\UKSCCMADS01.jw-uk.jameswalker.co.uk  
Locator Flags: 0xe00001fc

Re: dcdiag – advertising errors on newley promoted domain controller

..... jw-uk.jameswalker.co.uk passed test  
FsmoCheck  
Replmon output

Server1

UK-CCM\UKSCCMADS01  
DSA Options : IS\_GC  
objectGuid : 01ec5333-2511-4b47-8f45-b15609a3b4a2  
invocationID: 11b21fff-f525-4bd4-b581-fe65d139c03d  
==== INBOUND NEIGHBORS

=====

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 (deleted DSA) via RPC  
objectGuid: b3802258-c1c6-4ff8-8703-1254c9d2b0ed  
UK-LNH\UKSBCSADS01 via RPC  
objectGuid: 1941057a-7855-40f3-b7a9-965d4b94aa12  
Last attempt @ 2008-10-01 12:53.59 was successful.  
UK-CCM\UKSCCMADS02 via RPC  
objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
Last attempt @ 2008-10-01 12:53.59 was successful.  
CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 (deleted DSA) via RPC  
objectGuid: b3802258-c1c6-4ff8-8703-1254c9d2b0ed  
UK-LNH\UKSBCSADS01 via RPC  
objectGuid: 1941057a-7855-40f3-b7a9-965d4b94aa12  
Last attempt @ 2008-10-01 12:53.59 was successful.  
UK-CCM\UKSCCMADS02 via RPC  
objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
Last attempt @ 2008-10-01 12:56.18 was successful.  
DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 (deleted DSA) via RPC  
objectGuid: b3802258-c1c6-4ff8-8703-1254c9d2b0ed  
UK-LNH\UKSBCSADS01 via RPC  
objectGuid: 1941057a-7855-40f3-b7a9-965d4b94aa12  
Last attempt @ 2008-10-01 12:53.59 was successful.  
UK-CCM\UKSCCMADS02 via RPC  
objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
Last attempt @ 2008-10-01 13:02.36 was successful.  
==== OUTBOUND NEIGHBORS FOR CHANGE  
NOTIFICATIONS =====

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 via RPC  
objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 via RPC  
objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS02 via RPC

Re: dcdiag – advertising errors on newley promoted domain controller

objectGuid: 010e96bd-6ce3-46f0-8791-abee8f2ca7e9  
Server2

UK-CCM\UKSCCMADS02

DSA Options : (none)

objectGuid : 010e96bd-6ce3-46f0-8791-abee8f2ca7e9

invocationID: 93392a4b-947d-41e7-a354-56a200f0455a

==== INBOUND NEIGHBORS

=====

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

Last attempt @ 2008-10-01 12:51.18 was successful.

CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

Last attempt @ 2008-10-01 12:55.15 was successful.

DC=jw-uk,DC=jameswalker,DC=co,DC=uk

UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

Last attempt @ 2008-10-01 13:02.48 was successful.

==== OUTBOUND NEIGHBORS FOR CHANGE

NOTIFICATIONS =====

CN=Schema,CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk  
UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

CN=Configuration,DC=jw-uk,DC=jameswalker,DC=co,DC=uk

UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

DC=jw-uk,DC=jameswalker,DC=co,DC=uk

UK-CCM\UKSCCMADS01 via RPC

objectGuid: 01ec5333-2511-4b47-8f45-b15609a3b4a2

"Meinolf Weber" <meiweb(nospam)@gmx.de> wrote in  
message

[news:ff16fb6689a68caf1e47f9eb140@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:ff16fb6689a68caf1e47f9eb140@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hello Andrew,

Is 10.0.33.99 also domain controller? What  
kind of zones do you use,

AD integrated? Please post a complete

dcdiag /v output from both

DC's. Also from repadmin /showrepl

Best regards

Meinolf Weber

Disclaimer: This posting is provided "AS

Re: dcdiag – advertising errors on newley promoted domain controller

IS" with no warranties, and  
confers no rights.  
\*\* Please do NOT email, only reply to  
Newsgroups  
\*\* HELP us help YOU!!!  
[http://www.blakjak.demon.co.uk/mul\\_crss.htm](http://www.blakjak.demon.co.uk/mul_crss.htm)

Hi,

Server1

Windows 2000 IP  
Configuration

Host Name . . . . . :  
server1  
Primary DNS Suffix . . . . .  
. : domainname.com  
Node Type . . . . . :  
Hybrid  
IP Routing Enabled. . . . .  
. : No  
WINS Proxy Enabled. . . . .  
. . : No  
DNS Suffix Search List. . . . .  
. . : domainname.com  
Ethernet adapter Team:  
Connection-specific DNS  
Suffix . :  
Description . . . . . :  
BASP Virtual Adapter  
Physical Address. . . . .  
: 00-06-5B-FD-E6-64  
DHCP Enabled. . . . .  
: No  
IP Address. . . . . :  
10.0.1.1  
Subnet Mask . . . . . :  
255.255.240.0  
Default Gateway . . . . .  
: 10.0.0.1  
DNS Servers . . . . . :  
10.0.1.1  
10.0.33.99  
Primary WINS Server . . . . .  
. . : 10.0.1.1  
Secondary WINS Server . . . . .  
. . . : 10.0.33.99  
Server2  
Windows 2000 IP  
Configuration

Re: dcdiag – advertising errors on newley promoted domain controller

```
Host Name . . . . . :
server2
Primary DNS Suffix . . . . .
. . : domainname.com
Node Type . . . . . :
Hybrid
IP Routing Enabled. . . . .
. . : No
WINS Proxy Enabled. . . . .
. . . : No
DNS Suffix Search List. . . . .
. . . : domainname.com
Ethernet adapter LAN1:
Connection-specific DNS
Suffix . . . . . :
Description . . . . . :
Intel 21140 Based PCI Fast
Ethernet
Adapter
Physical Address. . . . .
: 00-03-FF-FE-56-2F
DHCP Enabled. . . . .
: No
IP Address. . . . . :
10.0.1.2
Subnet Mask . . . . . :
255.255.240.0
Default Gateway . . . . .
: 10.0.0.1
DNS Servers . . . . . :
10.0.1.2
10.0.33.99
Primary WINS Server . . . . .
. . . : 10.0.1.1
Secondary WINS Server . . . . .
. . . . : 10.0.33.99
"Meinolf Weber"
<meiweb(nospam)@gmx.de>
wrote in message
news:ff16fb66897f8caf1dc12fbb180@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

Hello  
Andrew,

Please post  
an unedited  
ipconfig /all  
from both  
DC's.

Re: dcdiag – advertising errors on newley promoted domain controller

Best regards

Meinolf

Weber

Disclaimer:

This posting

is provided

"AS IS"

with no

warranties,

and

confers no

rights.

\*\* Please

do NOT

email, only

reply to

Newsgroups

\*\* HELP us

help

YOU!!!

[http://www.blakjak.demon.co.uk/mul\\_crss.htm](http://www.blakjak.demon.co.uk/mul_crss.htm)

Hi

there,

a

newly

promotoed

win2k

domain

controller

(which

is

a

virtual

machine

running

under

virtual

server

2005

sp1.

This

is

the

second

time

I've

promoted

the

server

Re: dcdiag – advertising errors on newley promoted domain controller

and  
the  
second  
time  
I  
am  
receiving  
these  
errors.

Any  
ideas  
anyone?

Starting  
test:  
Advertising  
Warning:  
DsGetDcName  
returned  
information  
for  
\\server1.domainname.com  
when  
we  
were  
trying  
to  
reach  
server2.  
Server  
is  
not  
responding  
or  
is  
not  
considered  
suitable.  
The  
DC  
server2  
is  
advertising  
itself  
as  
a  
DC  
and  
having  
a

Re: dcdiag – advertising errors on newley promoted domain controller

DS.  
The  
DC  
server2  
is  
advertising  
as  
an  
LDAP  
server  
The  
DC  
server2  
is  
advertising  
as  
having  
a  
writeable  
directory  
The  
DC  
server2  
is  
advertising  
as  
a  
Key  
Distribution  
Center  
The  
DC  
server2  
is  
advertising  
as  
a  
time  
server  
.....  
server2  
failed  
test  
Advertising  
I'm  
at  
a  
loss,  
no  
SYSVOL  
shares

Re: dcdiag – advertising errors on newly promoted domain controller

are  
showing  
and  
this  
is  
the  
only  
test  
that  
DCDIAG  
fails  
on.  
Thanks.