

## Re: adding 64-bit R2 DC to existing domain

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*Source:*

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- *From:* JK <jk@xxxxxxx>
  - *Date:* Fri, 11 Apr 2008 08:49:44 -0400
- 

kj [MVP SBS] wrote:

"JK" <jk@xxxxxxx> wrote in message  
<news:eO2azLxmIHA.4712@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

kj [SBS MVP] wrote:

JK wrote:

Dcpromo fails trying to promote an  
Enterprise Edition R2 64-bit  
server to domain controller.

Current configuration:  
2 Server 2003 standard edition 32-bit  
domain controllers. Service  
pack 2 installed and running at Native 2003  
level.

Adprep /forestprep fails with "Adprep was  
unable to extend the  
schema. The schema master did not  
complete a replication cycle ..."

( Adprep from disc 2 of the 32-bit, R2)

Run on the schema master using an account with schema  
admin membership?

If so, probably want to run a dcdiag /c /v /e and look for  
problems  
before

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proceeding.

I'm able to manually replicate with the AD  
Sites & Services  
application.

What am I missing? Should I / can I upgrade  
the Standard Edition  
2003 to R2 EE then add the new 64-bit  
servers?

JK

Yep, running dcdiag /c /v /e shows several errors:

```
server1 failed test KnowsOfRoleHolders
server1 failed test VerifyReplicas
server1 failed test VerifyEnterpriseReferences
server2 failed test KnowsOfRoleHolders
server2 failed test systemlog
server2 failed test VerifyReplicas
server2 failed test VerifyEnterpriseReferences
ForestDnsZones failed test CrossRefValidation
ForestDnsZones failed test CheckSDRefDom
DomainDnsZones failed test CrossRefValidation
DomainDnsZones failed test CheckSDRefDom
Schema failed test CrossRefValidation
Configuration failed test CrossRefValidation
OurDomain failed test CrossRefValidation
```

The KnowsOfRoleHolders test throws warnings about CN=server2 is the  
Schema Owner but is deleted and the Domain Owner but is deleted.

This seems like a lot of errors! And I thought everything was just fine  
...

I'd start out with troubleshooting DNS problems and go for there. Making  
AD structure changes where AD already has problems isn't likely to be  
beneficial.

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You might also want to spring for the PSS/CSS call to Microsoft for rapid resolution.

If you post the unedit dcdiag output, some additional diagnosis may be possible.

Should I run ntdsutil on server1 to seize all roles? Then try dcpromo from the new servers again.

Thanks!

JK

kj good advice. In the meantime here's the raw dcdiag output from server2 (real name == somsrv4, PDC is somsrv3) and thanks very much.

JK

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Domain Controller Diagnosis

Performing initial setup:

- \* Verifying that the local machine somsrv4, is a DC.
- \* Connecting to directory service on server somsrv4.
- \* Collecting site info.
- \* Identifying all servers.
- \* Identifying all NC cross-refs.
- \* Found 2 DC(s). Testing 2 of them.

Done gathering initial info.

Doing initial required tests

Testing server: Default-First-Site-Name\SOMSRV3

Starting test: Connectivity

- \* Active Directory LDAP Services Check
- \* Active Directory RPC Services Check
- ..... SOMSRV3 passed test Connectivity

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Testing server: Default-First-Site-Name\SOMSRV4

Starting test: Connectivity

\* Active Directory LDAP Services Check

\* Active Directory RPC Services Check

..... SOMSRV4 passed test Connectivity

Doing primary tests

Testing server: Default-First-Site-Name\SOMSRV3

Starting test: Replications

\* Replications Check

\* Replication Latency Check

DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu

Latency information for 1 entries in the vector were ignored.

1 were retired Invocations. 0 were either: read-only

replicas and are not verifiably latent, or dc's no longer replicating this

nc. 0 had no latency information (Win2K DC).

DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu

Latency information for 1 entries in the vector were ignored.

1 were retired Invocations. 0 were either: read-only

replicas and are not verifiably latent, or dc's no longer replicating this

nc. 0 had no latency information (Win2K DC).

CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

Latency information for 1 entries in the vector were ignored.

1 were retired Invocations. 0 were either: read-only

replicas and are not verifiably latent, or dc's no longer replicating this

nc. 0 had no latency information (Win2K DC).

CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

Latency information for 1 entries in the vector were ignored.

1 were retired Invocations. 0 were either: read-only

replicas and are not verifiably latent, or dc's no longer replicating this

nc. 0 had no latency information (Win2K DC).

DC=somato,DC=mb,DC=jhu,DC=edu

Latency information for 1 entries in the vector were ignored.

1 were retired Invocations. 0 were either: read-only

replicas and are not verifiably latent, or dc's no longer replicating this

nc. 0 had no latency information (Win2K DC).

..... SOMSRV3 passed test Replications

Starting test: Topology

\* Configuration Topology Integrity Check

\* Analyzing the connection topology for

DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu.

\* Performing upstream (of target) analysis.

\* Performing downstream (of target) analysis.

\* Analyzing the connection topology for

DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu.

\* Performing upstream (of target) analysis.

\* Performing downstream (of target) analysis.

\* Analyzing the connection topology for

CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.

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- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for  
DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- ..... SOMSRV3 passed test Topology
- Starting test: CutoffServers
- \* Configuration Topology Aliveness Check
- \* Analyzing the alive system replication topology for  
DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for  
DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for  
DC=somato,DC=mb,DC=jhu,DC=edu.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- ..... SOMSRV3 passed test CutoffServers
- Starting test: NCSecDesc
- \* Security Permissions check for all NC's on DC SOMSRV3.
- \* Security Permissions Check for  
DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu  
(NDNC,Version 2)
- \* Security Permissions Check for  
DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu  
(NDNC,Version 2)
- \* Security Permissions Check for  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
(Schema,Version 2)
- \* Security Permissions Check for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
(Configuration,Version 2)
- \* Security Permissions Check for  
DC=somato,DC=mb,DC=jhu,DC=edu  
(Domain,Version 2)

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..... SOMSRV3 passed test NCSecDesc  
Starting test: NetLogons  
\* Network Logons Privileges Check  
Verified share \\SOMSRV3\netlogon  
Verified share \\SOMSRV3\sysvol  
..... SOMSRV3 passed test NetLogons  
Starting test: Advertising  
The DC SOMSRV3 is advertising itself as a DC and having a DS.  
The DC SOMSRV3 is advertising as an LDAP server  
The DC SOMSRV3 is advertising as having a writeable directory  
The DC SOMSRV3 is advertising as a Key Distribution Center  
The DC SOMSRV3 is advertising as a time server  
The DS SOMSRV3 is advertising as a GC.  
..... SOMSRV3 passed test Advertising  
Starting test: KnowsOfRoleHolders  
Role Schema Owner = CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu  
Warning: CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu is the Schema Owner, but is deleted.  
Role Domain Owner = CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu  
Warning: CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu is the Domain Owner, but is deleted.  
Role PDC Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Role Rid Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Role Infrastructure Update Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
..... SOMSRV3 failed test KnowsOfRoleHolders  
Starting test: RidManager  
\* Available RID Pool for the Domain is 3093 to 1073741823  
\* somsrv3.somato.mb.jhu.edu is the RID Master  
\* DsBind with RID Master was successful  
\* rIDAllocationPool is 2093 to 2592  
\* rIDPreviousAllocationPool is 2093 to 2592  
\* rIDNextRID: 2193  
..... SOMSRV3 passed test RidManager  
Starting test: MachineAccount  
Checking machine account for DC SOMSRV3 on DC SOMSRV3.

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\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu  
\* SPN found :LDAP/SOMSRV3  
\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu/SOMATO  
\* SPN  
found :LDAP/6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu  
\* SPN found :E3514235-4B06-11D1-AB04-00C04FC2DCD2/  
6198d96a-7623-4d8f-a1f4-70ec31dc0794/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu  
\* SPN found :HOST/SOMSRV3  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu/SOMATO  
\* SPN found :GC/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
..... SOMSRV3 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  
..... SOMSRV3 passed test Services  
Starting test: OutboundSecureChannels  
\* The Outbound Secure Channels test  
\*\* Did not run Outbound Secure Channels test  
because /testdomain: was not entered  
..... SOMSRV3 passed test  
OutboundSecureChannels  
Starting test: ObjectsReplicated  
SOMSRV3 is in domain DC=somato,DC=mb,DC=jhu,DC=edu  
Checking for CN=SOMSRV3,OU=Domain  
Controllers,DC=somato,DC=mb,DC=jhu,DC=edu in domain  
DC=somato,DC=mb,DC=jhu,DC=edu on 2 servers  
Object is up-to-date on all servers.  
Checking for CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu in domain  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu on 2 servers  
Object is up-to-date on all servers.  
..... SOMSRV3 passed test ObjectsReplicated  
Starting test: frssysvol  
\* The File Replication Service SYSVOL ready test  
File Replication Service's SYSVOL is ready  
..... SOMSRV3 passed test frssysvol  
Starting test: frsevent  
\* The File Replication Service Event log test  
..... SOMSRV3 passed test frsevent

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Starting test: kccevent

\* The KCC Event log test

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

..... SOMSRV3 passed test kccevent

Starting test: systemlog

\* The System Event log test

Found no errors in System Event log in the last 60 minutes.

..... SOMSRV3 passed test systemlog

Starting test: VerifyReplicas

For the partition

(DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

For the partition

(DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

..... SOMSRV3 failed test VerifyReplicas

Starting test: VerifyReferences

The system object reference (serverReference)

CN=SOMSRV3,OU=Domain Controllers,DC=somato,DC=mb,DC=jhu,DC=edu and

backlink on

CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

are correct.

The system object reference (frsComputerReferenceBL)

CN=SOMSRV3,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=somato,DC=mb,DC=jhu,DC=edu

and backlink on

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CN=SOMSRV3,OU=Domain Controllers,DC=somato,DC=mb,DC=jhu,DC=edu are

correct.

The system object reference (serverReferenceBL)

CN=SOMSRV3,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=somato,DC=mb,DC=jhu,DC=edu

and backlink on

CN=NTDS

Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites, CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

are correct.

..... SOMSRV3 passed test VerifyReferences

Starting test: VerifyEnterpriseReferences

Can't determine the age of the cross-ref

CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration, DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu, so

following errors relating to this cross-ref/partition may disappear

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test to

see if errors continue.

Can't determine the age of the cross-ref

CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration, DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu, so

following errors relating to this cross-ref/partition may disappear

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test to

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see if errors continue.

Can't determine the age of the cross-ref

CN=Enterprise

Configuration,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu,  
so

following errors relating to this cross-ref/partition may disappear

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test  
to

see if errors continue.

Can't determine the age of the cross-ref

CN=Enterprise

Schema,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition

CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu, so  
following

errors relating to this cross-ref/partition may disappear after

replication coalesces. Please ensure that replication is working

from the Domain Naming FSMO to this DC, and retry this test to see  
if

errors continue.

Can't determine the age of the cross-ref

CN=SOMATO,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=somato,DC=mb,DC=jhu,DC=edu, so following  
errors

relating to this cross-ref/partition may disappear after  
replication

coalesces. Please ensure that replication is working from the  
Domain

Naming FSMO to this DC, and retry this test to see if errors  
continue.

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..... SOMSRV3 failed test  
VerifyEnterpriseReferences  
Starting test: CheckSecurityError  
\* Dr Auth: Beginning security errors check!  
Found KDC SOMSRV4 for domain somato.mb.jhu.edu in site  
Default-First-Site-Name  
Checking machine account for DC SOMSRV3 on DC SOMSRV4.  
\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu  
\* SPN found :LDAP/SOMSRV3  
\* SPN found :LDAP/somsrv3.somato.mb.jhu.edu/SOMATO  
\* SPN  
found :LDAP/6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu  
\* SPN found :E3514235-4B06-11D1-AB04-00C04FC2DCD2/  
6198d96a-7623-4d8f-a1f4-70ec31dc0794/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu  
\* SPN found :HOST/SOMSRV3  
\* SPN found :HOST/somsrv3.somato.mb.jhu.edu/SOMATO  
\* SPN found :GC/somsrv3.somato.mb.jhu.edu/somato.mb.jhu.edu  
Checking for CN=SOMSRV3,OU=Domain  
Controllers,DC=somato,DC=mb,DC=jhu,DC=edu in domain  
DC=somato,DC=mb,DC=jhu,DC=edu on 2 servers  
Object is up-to-date on all servers.  
[SOMSRV3] No security related replication errors were found on this  
DC! To target the connection to a specific source DC use /ReplSource:<DC>.  
..... SOMSRV3 passed test CheckSecurityError

Testing server: Default-First-Site-Name\SOMSRV4  
Starting test: Replications  
\* Replications Check  
\* Replication Latency Check  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Latency information for 1 entries in the vector were ignored.  
1 were retired Invocations. 0 were either: read-only  
replicas and are not verifiably latent, or dc's no longer replicating this  
nc. 0 had no latency information (Win2K DC).  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Latency information for 1 entries in the vector were ignored.  
1 were retired Invocations. 0 were either: read-only  
replicas and are not verifiably latent, or dc's no longer replicating this  
nc. 0 had no latency information (Win2K DC).  
DC=somato,DC=mb,DC=jhu,DC=edu  
Latency information for 1 entries in the vector were ignored.  
1 were retired Invocations. 0 were either: read-only  
replicas and are not verifiably latent, or dc's no longer replicating this  
nc. 0 had no latency information (Win2K DC).  
..... SOMSRV4 passed test Replications  
Starting test: Topology  
\* Configuration Topology Integrity Check

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\* Analyzing the connection topology for  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
\* Analyzing the connection topology for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
\* Analyzing the connection topology for  
DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
..... SOMSRV4 passed test Topology  
Starting test: CutoffServers  
\* Configuration Topology Aliveness Check  
\* Analyzing the alive system replication topology for  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
\* Analyzing the alive system replication topology for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
\* Analyzing the alive system replication topology for  
DC=somato,DC=mb,DC=jhu,DC=edu.  
\* Performing upstream (of target) analysis.  
\* Performing downstream (of target) analysis.  
..... SOMSRV4 passed test CutoffServers  
Starting test: NCSecDesc  
\* Security Permissions check for all NC's on DC SOMSRV4.  
\* Security Permissions Check for  
CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
(Schema,Version 2)  
\* Security Permissions Check for  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
(Configuration,Version 2)  
\* Security Permissions Check for  
DC=somato,DC=mb,DC=jhu,DC=edu  
(Domain,Version 2)  
..... SOMSRV4 passed test NCSecDesc  
Starting test: NetLogons  
\* Network Logons Privileges Check  
Verified share \\SOMSRV4\netlogon  
Verified share \\SOMSRV4\sysvol  
..... SOMSRV4 passed test NetLogons  
Starting test: Advertising  
The DC SOMSRV4 is advertising itself as a DC and having a DS.  
The DC SOMSRV4 is advertising as an LDAP server  
The DC SOMSRV4 is advertising as having a writeable directory  
The DC SOMSRV4 is advertising as a Key Distribution Center  
The DC SOMSRV4 is advertising as a time server

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..... SOMSRV4 passed test Advertising  
Starting test: KnowsOfRoleHolders  
Role Schema Owner = CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu  
Warning: CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu is the Schema Owner, but is deleted.  
Role Domain Owner = CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu  
Warning: CN=NTDS  
Settings\0ADEL:d8a01af1-a80f-4860-b520-2c7130d33b38,CN=SOMSRV4,CN=Servers,  
CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,  
DC=edu is the Domain Owner, but is deleted.  
Role PDC Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Role Rid Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
Role Infrastructure Update Owner = CN=NTDS  
Settings,CN=SOMSRV3,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu  
..... SOMSRV4 failed test KnowsOfRoleHolders  
Starting test: RidManager  
\* Available RID Pool for the Domain is 3093 to 1073741823  
\* somsrv3.somato.mb.jhu.edu is the RID Master  
\* DsBind with RID Master was successful  
\* rIDAllocationPool is 2593 to 3092  
\* rIDPreviousAllocationPool is 2593 to 3092  
\* rIDNextRID: 2619  
..... SOMSRV4 passed test RidManager  
Starting test: MachineAccount  
Checking machine account for DC SOMSRV4 on DC SOMSRV4.  
\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu  
\* SPN found :LDAP/SOMSRV4  
\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu/SOMATO  
\* SPN  
found :LDAP/bff9a1bd-57d3-4a2d-a46d-c5bdea7a9915.\_msdcs.somato.mb.jhu.edu  
\* SPN found :E3514235-4B06-11D1-AB04-00C04FC2DCD2/  
bff9a1bd-57d3-4a2d-a46d-c5bdea7a9915/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu  
\* SPN found :HOST/SOMSRV4  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu/SOMATO  
\* SPN found :GC/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu

Re: adding 64-bit R2 DC to existing domain

..... SOMSRV4 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

..... SOMSRV4 passed test Services

Starting test: OutboundSecureChannels

- \* The Outbound Secure Channels test
- \*\* Did not run Outbound Secure Channels test  
because /testdomain: was not entered

..... SOMSRV4 passed test

OutboundSecureChannels

Starting test: ObjectsReplicated

SOMSRV4 is in domain DC=somato,DC=mb,DC=jhu,DC=edu

Checking for CN=SOMSRV4,OU=Domain

Controllers,DC=somato,DC=mb,DC=jhu,DC=edu in domain

DC=somato,DC=mb,DC=jhu,DC=edu on 2 servers

Object is up-to-date on all servers.

Checking for CN=NTDS

Settings,CN=SOMSRV4,CN=Servers,CN=Default-First-Site-Name,CN=Sites,

CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu in domain

CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu on 2 servers

Object is up-to-date on all servers.

..... SOMSRV4 passed test ObjectsReplicated

Starting test: frssysvol

- \* The File Replication Service SYSVOL ready test

File Replication Service's SYSVOL is ready

..... SOMSRV4 passed test frssysvol

Starting test: frsevent

- \* The File Replication Service Event log test

..... SOMSRV4 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.

..... SOMSRV4 passed test kccevent

Starting test: systemlog

- \* The System Event log test

An Error Event occurred. EventID: 0xC0002719

Time Generated: 04/10/2008 08:24:53

(Event String could not be retrieved)

..... SOMSRV4 failed test systemlog

Starting test: VerifyReplicas

For the partition

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

(DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

For the partition

(DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

..... SOMSRV4 failed test VerifyReplicas

Starting test: VerifyReferences

The system object reference (serverReference)

CN=SOMSRV4,OU=Domain Controllers,DC=somato,DC=mb,DC=jhu,DC=edu and

backlink on

CN=SOMSRV4,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

are correct.

The system object reference (frsComputerReferenceBL)

CN=SOMSRV4,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=somato,DC=mb,DC=jhu,DC=edu

and backlink on

CN=SOMSRV4,OU=Domain Controllers,DC=somato,DC=mb,DC=jhu,DC=edu are

correct.

The system object reference (serverReferenceBL)

CN=SOMSRV4,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=somato,DC=mb,DC=jhu,DC=edu

and backlink on

Re: adding 64-bit R2 DC to existing domain

CN=NTDS

Settings,CN=SOMSRV4,CN=Servers,CN=Default-First-Site-Name,CN=Sites,  
CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

are correct.

..... SOMSRV4 passed test VerifyReferences

Starting test: VerifyEnterpriseReferences

Can't determine the age of the cross-ref

CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration,  
DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu,  
so

following errors relating to this cross-ref/partition may disappear

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test  
to

see if errors continue.

Can't determine the age of the cross-ref

CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration,  
DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu,  
so

following errors relating to this cross-ref/partition may disappear

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test  
to

see if errors continue.

Can't determine the age of the cross-ref

CN=Enterprise

Configuration,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu,  
so

following errors relating to this cross-ref/partition may disappear

Re: adding 64-bit R2 DC to existing domain

after replication coalesces. Please ensure that replication is

working from the Domain Naming FSMO to this DC, and retry this test to

see if errors continue.

Can't determine the age of the cross-ref

CN=Enterprise  
Schema,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition

CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu, so following

errors relating to this cross-ref/partition may disappear after

replication coalesces. Please ensure that replication is working

from the Domain Naming FSMO to this DC, and retry this test to see if

errors continue.

Can't determine the age of the cross-ref

CN=SOMATO,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu

for the partition DC=somato,DC=mb,DC=jhu,DC=edu, so following errors

relating to this cross-ref/partition may disappear after replication

coalesces. Please ensure that replication is working from the Domain

Naming FSMO to this DC, and retry this test to see if errors continue.

..... SOMSRV4 failed test

VerifyEnterpriseReferences

Starting test: CheckSecurityError

\* Dr Auth: Beginning security errors check!

Found KDC SOMSRV4 for domain somato.mb.jhu.edu in site

Default-First-Site-Name

Checking machine account for DC SOMSRV4 on DC SOMSRV4.

\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu

\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu

\* SPN found :LDAP/SOMSRV4

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

\* SPN found :LDAP/somsrv4.somato.mb.jhu.edu/SOMATO  
\* SPN  
found :LDAP/bff9a1bd-57d3-4a2d-a46d-c5bdea7a9915.\_msdcs.somato.mb.jhu.edu  
\* SPN found :E3514235-4B06-11D1-AB04-00C04FC2DCD2/  
bff9a1bd-57d3-4a2d-a46d-c5bdea7a9915/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu  
\* SPN found :HOST/SOMSRV4  
\* SPN found :HOST/somsrv4.somato.mb.jhu.edu/SOMATO  
\* SPN found :GC/somsrv4.somato.mb.jhu.edu/somato.mb.jhu.edu  
[SOMSRV4] No security related replication errors were found on this  
DC! To target the connection to a specific source DC use /ReplSource:<DC>.  
..... SOMSRV4 passed test CheckSecurityError

DNS Tests are running and not hung. Please wait a few minutes...

Running partition tests on : ForestDnsZones  
Starting test: CrossRefValidation  
For the partition  
(DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration,  
DC=somato,DC=mb,DC=jhu,DC=edu)

information:  
LDAP Error 0x60 (96).  
..... ForestDnsZones failed test  
CrossRefValidation  
Starting test: CheckSDRefDom  
For the partition  
(DC=ForestDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=1be9e8f5-de74-4626-b1fd-f4fe5efab512,CN=Partitions,CN=Configuration,  
DC=somato,DC=mb,DC=jhu,DC=edu)

information:  
LDAP Error 0x60 (96).  
..... ForestDnsZones failed test CheckSDRefDom

Running partition tests on : DomainDnsZones  
Starting test: CrossRefValidation  
For the partition  
(DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

(CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

..... DomainDnsZones failed test

CrossRefValidation

Starting test: CheckSDRefDom

For the partition

(DC=DomainDnsZones,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=d57f7da8-eccf-4ef6-a75c-afcc3e002c04,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

..... DomainDnsZones failed test CheckSDRefDom

Running partition tests on : Schema

Starting test: CrossRefValidation

For the partition

(CN=Schema,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu) we

encountered the following error retrieving the cross-ref's

(CN=Enterprise Schema,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

LDAP Error 0x60 (96).

..... Schema failed test CrossRefValidation

Starting test: CheckSDRefDom

..... Schema passed test CheckSDRefDom

Running partition tests on : Configuration

Starting test: CrossRefValidation

For the partition

(CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

we encountered the following error retrieving the cross-ref's

(CN=Enterprise Configuration,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

LDAP Error 0x60 (96).  
..... Configuration failed test  
CrossRefValidation  
Starting test: CheckSDRefDom  
..... Configuration passed test CheckSDRefDom

Running partition tests on : somato  
Starting test: CrossRefValidation  
For the partition (DC=somato,DC=mb,DC=jhu,DC=edu) we encountered  
  
the following error retrieving the cross-ref's

(CN=SOMATO,CN=Partitions,CN=Configuration,DC=somato,DC=mb,DC=jhu,DC=edu)

information:  
LDAP Error 0x60 (96).  
..... somato failed test CrossRefValidation  
Starting test: CheckSDRefDom  
..... somato passed test CheckSDRefDom

Running enterprise tests on : somato.mb.jhu.edu  
Starting test: Intersite  
Skipping site Default-First-Site-Name, this site is outside the  
scope

provided by the command line arguments provided.  
..... somato.mb.jhu.edu passed test Intersite  
Starting test: FsmoCheck  
GC Name: \\somsrv3.somato.mb.jhu.edu  
Locator Flags: 0xe00003fd  
PDC Name: \\somsrv3.somato.mb.jhu.edu  
Locator Flags: 0xe00003fd  
Time Server Name: \\somsrv4.somato.mb.jhu.edu  
Locator Flags: 0xe00001f8  
Preferred Time Server Name: \\somsrv3.somato.mb.jhu.edu  
Locator Flags: 0xe00003fd  
KDC Name: \\somsrv4.somato.mb.jhu.edu  
Locator Flags: 0xe00001f8  
..... somato.mb.jhu.edu passed test FsmoCheck  
Starting test: DNS  
Test results for domain controllers:

DC: somsrv4.somato.mb.jhu.edu  
Domain: somato.mb.jhu.edu

TEST: Authentication (Auth)  
Authentication test: Successfully completed

TEST: Basic (Basc)

Re: adding 64-bit R2 DC to existing domain

Microsoft(R) Windows(R) Server 2003, Standard Edition  
(Service Pack level: 2.0) is supported  
NETLOGON service is running  
kdc service is running  
DNSCACHE service is running  
DC is not a DNS server  
Network adapters information:  
Adapter [00000001] Intel(R) PRO/1000 MT Dual Port Network  
Connection:  
MAC address is 00:09:6B:F1:F5:82  
IP address: 172.30.4.14  
DNS servers:  
172.30.4.3 (<name unavailable>) [Valid]  
Warning: 128.220.2.7 (<name unavailable>) [Invalid]  
Adapter [00000002] Intel(R) PRO/1000 MT Dual Port Network  
Connection:  
MAC address is 00:09:6B:F1:F5:83  
IP address: 172.30.4.4  
DNS servers:  
172.30.4.3 (<name unavailable>) [Valid]  
172.30.1.150 (<name unavailable>) [Valid]  
Error: The A record for this DC was not found  
[Error details: 9003 (Type: Win32 – Description: DNS name  
does not exist.) – somato.mb.jhu.edu]  
The SOA record for the Active Directory zone was not found

TEST: Records registration (RReg)  
Network Adapter [00000001] Intel(R) PRO/1000 MT Dual Port  
Network Connection:  
Matching A record found at DNS server 172.30.4.3:  
somsrv4.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.4.3:  
  
bfff9a1bd-57d3-4a2d-a46d-c5bdea7a9915.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Network Adapter [00000002] Intel(R) PRO/1000 MT Dual Port  
Network Connection:  
Matching A record found at DNS server 172.30.4.3:  
somsrv4.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.4.3:  
  
bfff9a1bd-57d3-4a2d-a46d-c5bdea7a9915.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Re: adding 64-bit R2 DC to existing domain

DC: somsrv3.somato.mb.jhu.edu

Domain: somato.mb.jhu.edu

TEST: Authentication (Auth)

Authentication test: Successfully completed

TEST: Basic (Basic)

Microsoft(R) Windows(R) Server 2003, Standard Edition

(Service Pack level: 2.0) is supported

NETLOGON service is running

kdc service is running

DNSCACHE service is running

DNS service is running

DC is a DNS server

Network adapters information:

Adapter [00000001] Intel(R) PRO/1000 MT Dual Port Network

Connection:

MAC address is 00:09:6B:F1:72:E0

IP address is static

IP address: 172.30.4.3

DNS servers:

172.30.4.3 (<name unavailable>) [Valid]

172.30.1.150 (<name unavailable>) [Valid]

Adapter [00000002] Intel(R) PRO/1000 MT Dual Port Network

Connection:

MAC address is 00:09:6B:F1:72:E1

IP address is static

IP address: 172.30.4.13

DNS servers:

172.30.4.3 (<name unavailable>) [Valid]

172.30.1.150 (<name unavailable>) [Valid]

The A record for this DC was found

The SOA record for the Active Directory zone was found

The Active Directory zone on this DC/DNS server was found

(primary)

Root zone on this DC/DNS server was not found

TEST: Forwarders/Root hints (Forw)

Recursion is enabled

Forwarders Information:

128.220.2.7 (<name unavailable>) [Invalid]

172.30.1.150 (<name unavailable>) [Valid]

TEST: Delegations (Del)

No delegations were found in this zone on this DNS server

TEST: Dynamic update (Dyn)

Warning: Dynamic update is enabled on the zone but not

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

secure somato.mb.jhu.edu.

Test record \_dcdiag\_test\_record added successfully in zone somato.mb.jhu.edu.

Test record \_dcdiag\_test\_record deleted successfully in zone somato.mb.jhu.edu.

TEST: Records registration (RReg)

Network Adapter [00000001] Intel(R) PRO/1000 MT Dual Port

Network Connection:

Matching A record found at DNS server 172.30.4.3:  
somsrv3.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.4.3:

6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Matching GC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.gc.\_msdcs.somato.mb.jhu.edu

Matching PDC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.pdc.\_msdcs.somato.mb.jhu.edu

Matching A record found at DNS server 172.30.1.150:  
somsrv3.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.1.150:

6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Matching GC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.gc.\_msdcs.somato.mb.jhu.edu

Matching PDC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.pdc.\_msdcs.somato.mb.jhu.edu

Network Adapter [00000002] Intel(R) PRO/1000 MT Dual Port  
Network Connection:

Matching A record found at DNS server 172.30.4.3:  
somsrv3.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.4.3:

Re: adding 64-bit R2 DC to existing domain

6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Matching GC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.gc.\_msdcs.somato.mb.jhu.edu

Matching PDC SRV record found at DNS server 172.30.4.3:  
\_ldap.\_tcp.pdc.\_msdcs.somato.mb.jhu.edu

Matching A record found at DNS server 172.30.1.150:  
somsrv3.somato.mb.jhu.edu

Matching CNAME record found at DNS server 172.30.1.150:

6198d96a-7623-4d8f-a1f4-70ec31dc0794.\_msdcs.somato.mb.jhu.edu

Matching DC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.dc.\_msdcs.somato.mb.jhu.edu

Matching GC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.gc.\_msdcs.somato.mb.jhu.edu

Matching PDC SRV record found at DNS server  
172.30.1.150:  
\_ldap.\_tcp.pdc.\_msdcs.somato.mb.jhu.edu

Summary of test results for DNS servers used by the above domain  
controllers:

DNS server: 128.220.2.7 (<name unavailable>)  
2 test failures on this DNS server  
This is a valid DNS server  
Name resolution is not functional.  
\_ldap.\_tcp.somato.mb.jhu.edu. failed on the DNS server 128.220.2.7  
[Error details: 9003 (Type: Win32 – Description: DNS name  
does not exist.)]

DNS server: 172.30.1.150 (<name unavailable>)  
All tests passed on this DNS server  
This is a valid DNS server  
Name resolution is funtional. \_ldap.\_tcp SRV record for the  
forest root domain is registered

DNS server: 172.30.4.3 (<name unavailable>)  
All tests passed on this DNS server  
This is a valid DNS server

Re: adding 64-bit R2 DC to existing domain

Re: adding 64-bit R2 DC to existing domain

Name resolution is functional. \_ldap.\_tcp SRV record for the forest root domain is registered

Summary of DNS test results:

Auth Basc Forw Del Dyn RReg  
Ext

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Domain: somato.mb.jhu.edu  
somsrv4 PASS FAIL n/a n/a n/a PASS  
n/a  
somsrv3 PASS PASS PASS PASS WARN PASS  
n/a

..... somato.mb.jhu.edu failed test DNS

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