

# Re: SBS 2003 and Replication Errors with Remote DC

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  - *Date:* Sat, 12 Apr 2008 12:07:02 -0700
- 

Ken Sheppard wrote:

KJ, thanks for your reply. Here's the dcdiag output that you requested. I just promoted the remote DC last week, so I still have time to solve the replication issues.

Thanks.

Ken

Event String: All domain controllers in the following site that can replicate the directory partition over this transport are currently unavailable.

Site:

CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

Or, one or more domain

controllers with this directory partition are unable to replicate the directory partition information. This is probably due to inaccessible domain controllers.

I have

setup DNS on the remote office and created a new site, subnets,

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DNS should be setup as AD integrated and replicated. You should need to do nothing more than install DNS and that should be done before dcpromo.

DNS servers:

192.168.1.2 (<name unavailable>) [Valid]

192.168.16.2 (<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:

192.168.1.1 (<name unavailable>) [Invalid]

So, either fixup the alpha site dns or point it to use the SBS dns server and allow replication to complete (including the DNS forest and domain zones) before pointing it back to using itself for DNS.

### Domain Controller Diagnosis

Performing initial setup:

\* Verifying that the local machine alpha, is a DC.

\* Connecting to directory service on server alpha.

\* Collecting site info.

\* Identifying all servers.

\* Identifying all NC cross-refs.

\* Found 3 DC(s). Testing 3 of them.

Done gathering initial info.

Doing initial required tests

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

Starting test: Connectivity

\* Active Directory LDAP Services Check

\* Active Directory RPC Services Check

..... SBS passed test Connectivity

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

Starting test: Connectivity

\* Active Directory LDAP Services Check

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\* Active Directory RPC Services Check  
..... BDC passed test Connectivity

Testing server: Alpharetta\ALPHA  
Starting test: Connectivity  
\* Active Directory LDAP Services Check  
\* Active Directory RPC Services Check  
..... ALPHA passed test Connectivity

Doing primary tests

Testing server: Default-First-Site-Name\SBS  
Starting test: Replications  
\* Replications Check  
\* Replication Latency Check  
DC=ForestDnsZones,DC=homrich-berg,DC=local  
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=homrich-berg,DC=local  
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=homrich-berg,DC=local  
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=homrich-berg,DC=local  
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=homrich-berg,DC=local  
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).  
\* Replication Site Latency Check  
Site  
CN=NTDS Site  
Settings,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
was skipped because it never had an ISTG running in it.  
..... SBS passed test Replications

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Starting test: Topology

- \* Configuration Topology Integrity Check
- \* Analyzing the connection topology for DC=ForestDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for DC=DomainDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for CN=Schema,CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for DC=homrich-berg,DC=local. \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.

..... SBS passed test Topology

Starting test: CutoffServers

- \* Configuration Topology Aliveness Check
- \* Analyzing the alive system replication topology for DC=ForestDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for DC=DomainDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for CN=Schema,CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.

..... SBS passed test CutoffServers

Starting test: NCSecDesc

- \* Security Permissions check for all NC's on DC SBS.
- \* Security Permissions Check for DC=ForestDnsZones,DC=homrich-berg,DC=local (NDNC, Version 2)
- \* Security Permissions Check for

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DC=DomainDnsZones,DC=homrich-berg,DC=local  
(NDNC, Version 2)  
\* Security Permissions Check for  
CN=Schema,CN=Configuration,DC=homrich-berg,DC=local  
(Schema, Version 2)  
\* Security Permissions Check for  
CN=Configuration,DC=homrich-berg,DC=local  
(Configuration, Version 2)  
\* Security Permissions Check for  
DC=homrich-berg,DC=local  
(Domain, Version 2)  
..... SBS passed test NCSecDesc  
Starting test: NetLogons  
\* Network Logons Privileges Check  
Verified share \\SBS\netlogon  
Verified share \\SBS\sysvol  
..... SBS passed test NetLogons  
Starting test: Advertising  
The DC SBS is advertising itself as a DC and having a DS.  
The DC SBS is advertising as an LDAP server  
The DC SBS is advertising as having a writeable directory  
The DC SBS is advertising as a Key Distribution Center  
The DC SBS is advertising as a time server  
The DS SBS is advertising as a GC.  
..... SBS passed test Advertising  
Starting test: KnowsOfRoleHolders  
Role Schema Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
Role Domain Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
Role PDC Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
Role Rid Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
Role Infrastructure Update Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
..... SBS passed test KnowsOfRoleHolders  
Starting test: RidManager  
\* Available RID Pool for the Domain is 4606 to 1073741823  
\* sbs.homrich-berg.local is the RID Master  
\* DsBind with RID Master was successful  
\* rIDAllocationPool is 3606 to 4105  
\* rIDPreviousAllocationPool is 3606 to 4105  
\* rIDNextRID: 3781  
..... SBS passed test RidManager  
Starting test: MachineAccount  
Checking machine account for DC SBS on DC SBS.  
\* SPN found :LDAP/sbs.homrich-berg.local/homrich-berg.local  
\* SPN found :LDAP/sbs.homrich-berg.local  
\* SPN found :LDAP/SBS  
\* SPN found :LDAP/sbs.homrich-berg.local/HB

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\* SPN found

LDAP/deb39f46-0dc8-4e38-b87e-ec5594766894.\_msdcs.homrich-berg.local

\* SPN found

E3514235-4B06-11D1-AB04-00C04FC2DCD2/deb39f46-0dc8-4e38-b87e-ec5594766894/homri

\* SPN found :HOST/sbs.homrich-berg.local/homrich-berg.local

\* SPN found :HOST/sbs.homrich-berg.local

\* SPN found :HOST/SBS

\* SPN found :HOST/sbs.homrich-berg.local/HB

\* SPN found :GC/sbs.homrich-berg.local/homrich-berg.local

..... SBS 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

..... SBS passed test Services

Starting test: OutboundSecureChannels

\* The Outbound Secure Channels test

\*\* Did not run Outbound Secure Channels test

because /testdomain: was not entered

..... SBS passed test

OutboundSecureChannels Starting test: ObjectsReplicated

SBS is in domain DC=homrich-berg,DC=local

Checking for CN=SBS,OU=Domain

Controllers,DC=homrich-berg,DC=local in domain DC=homrich-berg,DC=local on 3 servers

Object is up-to-date on all servers.

Checking for CN=NTDS

Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local in domain CN=Configuration,DC=homrich-berg,DC=local on 3 servers

Object is up-to-date on all servers.

..... SBS passed test ObjectsReplicated

Starting test: frssysvol

\* The File Replication Service SYSVOL ready test

File Replication Service's SYSVOL is ready

..... SBS passed test frssysvol

Starting test: frsevent

\* The File Replication Service Event log test

..... SBS passed test frsevent

Starting test: kccevent

\* The KCC Event log test

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An Warning Event occured. EventID: 0x8000061E  
Time Generated: 04/12/2008 10:34:34  
Event String: All domain controllers in the following site  
that can replicate the directory partition over this  
transport are currently unavailable.

Site:

CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

Directory partition:

DC=homrich-berg,DC=local

Transport:

CN=IP,CN=Inter-Site

Transports,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

An Error Event occured. EventID: 0xC000051F  
Time Generated: 04/12/2008 10:34:34  
Event String: The Knowledge Consistency Checker (KCC) has  
detected problems with the following directory  
partition.

Directory partition:

DC=homrich-berg,DC=local

There is insufficient site connectivity  
information in Active Directory Sites and  
Services for the KCC to create a spanning tree  
replication topology. Or, one or more domain  
controllers with this directory partition are  
unable to replicate the directory partition  
information. This is probably due to inaccessible  
domain controllers.

User Action

Use Active Directory Sites and Services to  
perform one of the following actions:

- Publish sufficient site connectivity  
information so that the KCC can determine a route  
by which this directory partition can reach this  
site. This is the preferred option.
- Add a Connection object to a domain controller  
that contains the directory partition in this  
site from a domain controller that contains the  
same directory partition in another site.

If neither of the Active Directory Sites and  
Services tasks correct this condition, see  
previous events logged by the KCC that identify  
the inaccessible domain controllers.

An Warning Event occured. EventID: 0x80000749  
Time Generated: 04/12/2008 10:34:34

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Event String: The Knowledge Consistency Checker (KCC) was unable to form a complete spanning tree network topology. As a result, the following list of sites cannot be reached from the local site.

Sites:

CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

An Warning Event occurred. EventID: 0x8000061E  
Time Generated: 04/12/2008 10:34:34  
Event String: All domain controllers in the following site that can replicate the directory partition over this transport are currently unavailable.

Site:

CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

Directory partition:

CN=Configuration,DC=homrich-berg,DC=local

Transport:

CN=IP,CN=Inter-Site

Transports,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

An Error Event occurred. EventID: 0xC000051F  
Time Generated: 04/12/2008 10:34:34  
Event String: The Knowledge Consistency Checker (KCC) has detected problems with the following directory partition.

Directory partition:

CN=Configuration,DC=homrich-berg,DC=local

There is insufficient site connectivity information in Active Directory Sites and Services for the KCC to create a spanning tree replication topology. Or, one or more domain controllers with this directory partition are unable to replicate the directory partition information. This is probably due to inaccessible domain controllers.

User Action

Use Active Directory Sites and Services to perform one of the following actions:

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- Publish sufficient site connectivity information so that the KCC can determine a route by which this directory partition can reach this site. This is the preferred option.
- Add a Connection object to a domain controller that contains the directory partition in this site from a domain controller that contains the same directory partition in another site.

If neither of the Active Directory Sites and Services tasks correct this condition, see previous events logged by the KCC that identify the inaccessible domain controllers.

An Warning Event occured. EventID: 0x80000749  
Time Generated: 04/12/2008 10:34:34  
Event String: The Knowledge Consistency Checker (KCC) was unable to form a complete spanning tree network topology. As a result, the following list of sites cannot be reached from the local site.

Sites:

CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

An Warning Event occured. EventID: 0x80000785  
Time Generated: 04/12/2008 10:34:55  
Event String: The attempt to establish a replication link for the following writable directory partition failed.

Directory partition:

DC=homrich-berg,DC=local

Source domain controller:

CN=NTDS

Settings,CN=ALPHA,CN=Servers,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

Source domain controller address:

bc3a5606-08db-44ab-916b-e4775c58a550.\_msdcs.homrich-berg.local

Intersite transport (if any):

CN=IP,CN=Inter-Site

Transports,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

This domain controller will be unable to

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replicate with the source domain controller until this problem is corrected.

User Action

Verify if the source domain controller is accessible or network connectivity is available.

Additional Data

Error value:

1722 The RPC server is unavailable.

..... SBS failed test kccevent

Starting test: systemlog

\* The System Event log test

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

..... SBS passed test systemlog

Starting test: VerifyReplicas

..... SBS passed test VerifyReplicas

Starting test: VerifyReferences

The system object reference (serverReference)

CN=SBS,OU=Domain Controllers,DC=homrich-berg,DC=local and backlink on

CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local

are correct. The system object reference

(frsComputerReferenceBL) CN=SBS,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=homrich-berg,DC=local

and backlink on CN=SBS,OU=Domain Controllers,DC=homrich-berg,DC=local are correct.

The system object reference (serverReferenceBL)

CN=SBS,CN=Domain System Volume (SYSVOL share),CN=File Replication Service,CN=System,DC=homrich-berg,DC=local

and backlink on

CN=NTDS

Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local are correct.

..... SBS passed test VerifyReferences

Starting test: VerifyEnterpriseReferences

The following problems were found while verifying various important DN

references. Note, that these problems can be reported because of latency in replication. So follow up to resolve the following problems, only if the same problem is reported on all DCs for a given domain or if the problem persists after replication has had reasonable time to replicate changes.

[1] Problem: Missing Expected Value

Base Object:

CN=ALPHA,OU=Domain Controllers,DC=homrich-berg,DC=local

Base Object Description: "DC Account Object"

Value Object Attribute Name: frsComputerReferenceBL

Value Object Description: "SYSVOL FRS Member Object"

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Recommended Action: See Knowledge Base Article: Q312862

[2] Problem: Missing Expected Value

Base Object:

CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File

Replication Service,CN=System,DC=homrich-berg,DC=local

Base Object Description: "SYSVOL FRS Member Object"

Value Object Attribute Name: frsComputerReference

Value Object Description: "DC Account Object"

Recommended Action: Check if this server is deleted, and if so clean up this DCs SYSVOL FRS Member Object. Also see Knowledge Base Article: Q312862

[3] Problem: Missing Expected Value

Base Object:

CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File

Replication Service,CN=System,DC=homrich-berg,DC=local

Base Object Description: "SYSVOL FRS Member Object"

Value Object Attribute Name: serverReference

Value Object Description: "DSA Object"

Recommended Action: Check if this server is deleted, and if so clean up this DCs SYSVOL FRS Member Object. Also see Knowledge Base Article Q312862

..... SBS failed test

VerifyEnterpriseReferences

Starting test: CheckSecurityError

\* Dr Auth: Beginning security errors check!

Found KDC BDC for domain homrich-berg.local in site

Default-First-Site-Name

Checking machine account for DC SBS on DC BDC.

\* SPN found :LDAP/sbs.homrich-berg.local/homrich-berg.local

\* SPN found :LDAP/sbs.homrich-berg.local

\* SPN found :LDAP/SBS

\* SPN found :LDAP/sbs.homrich-berg.local/HB

\* SPN found

LDAP/deb39f46-0dc8-4e38-b87e-ec5594766894.\_msdcs.homrich-berg.local

\* SPN found

E3514235-4B06-11D1-AB04-00C04FC2DCD2/deb39f46-0dc8-4e38-b87e-ec5594766894/homri

\* SPN found :HOST/sbs.homrich-berg.local/homrich-berg.local

\* SPN found :HOST/sbs.homrich-berg.local

\* SPN found :HOST/SBS

\* SPN found :HOST/sbs.homrich-berg.local/HB

\* SPN found :GC/sbs.homrich-berg.local/homrich-berg.local

Checking for CN=SBS,OU=Domain

Controllers,DC=homrich-berg,DC=local in domain DC=homrich-berg,DC=local on 2 servers

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Object is up-to-date on all servers.

[SBS] No security related replication errors were found on this DC! To target the connection to a specific source DC use /ReplSource:<DC>.

..... SBS passed test CheckSecurityError

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

Starting test: Replications

\* Replications Check

\* Replication Latency Check

DC=ForestDnsZones,DC=homrich-berg,DC=local

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=homrich-berg,DC=local

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=homrich-berg,DC=local

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=homrich-berg,DC=local

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=homrich-berg,DC=local

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).

\* Replication Site Latency Check

Site

CN=NTDS Site

Settings,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local was skipped because it never had an ISTG running in it.

..... BDC passed test Replications

Starting test: Topology

\* Configuration Topology Integrity Check

\* Analyzing the connection topology for

DC=ForestDnsZones,DC=homrich-berg,DC=local.

\* Performing upstream (of target) analysis.

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

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```
* Security Permissions Check for
CN=Configuration,DC=homrich-berg,DC=local
(Configuration,Version 2)
* Security Permissions Check for
DC=homrich-berg,DC=local
(Domain,Version 2)
..... BDC passed test NCSecDesc
Starting test: NetLogons
* Network Logons Privileges Check
Verified share \\BDC\netlogon
Verified share \\BDC\sysvol
..... BDC passed test NetLogons
Starting test: Advertising
The DC BDC is advertising itself as a DC and having a DS.
The DC BDC is advertising as an LDAP server
The DC BDC is advertising as having a writeable directory
The DC BDC is advertising as a Key Distribution Center
The DC BDC is advertising as a time server
The DS BDC is advertising as a GC.
..... BDC passed test Advertising
Starting test: KnowsOfRoleHolders
Role Schema Owner = CN=NTDS
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber
Role Domain Owner = CN=NTDS
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber
Role PDC Owner = CN=NTDS
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber
Role Rid Owner = CN=NTDS
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber
Role Infrastructure Update Owner = CN=NTDS
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber
..... BDC passed test KnowsOfRoleHolders
Starting test: RidManager
* Available RID Pool for the Domain is 4606 to 1073741823
* sbs.homrich-berg.local is the RID Master
* DsBind with RID Master was successful
* rIDAllocationPool is 2606 to 3105
* rIDPreviousAllocationPool is 2606 to 3105
* rIDNextRID: 2698
..... BDC passed test RidManager
Starting test: MachineAccount
Checking machine account for DC BDC on DC BDC.
* SPN found :LDAP/BDC.homrich-berg.local/homrich-berg.local
* SPN found :LDAP/BDC.homrich-berg.local
* SPN found :LDAP/BDC
* SPN found :LDAP/BDC.homrich-berg.local/HB
* SPN found

LDAP/766fe7e3-d65c-44d3-9a9c-83f4c7ee4fc5._msdcs.homrich-berg.local

* SPN found
```

Re: SBS 2003 and Replication Errors with Remote DC

E3514235-4B06-11D1-AB04-00C04FC2DCD2/766fe7e3-d65c-44d3-9a9c-83f4c7ee4fc5/homrich

\* SPN found :HOST/BDC.homrich-berg.local/homrich-berg.local  
\* SPN found :HOST/BDC.homrich-berg.local  
\* SPN found :HOST/BDC  
\* SPN found :HOST/BDC.homrich-berg.local/HB  
\* SPN found :GC/BDC.homrich-berg.local/homrich-berg.local  
..... BDC 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  
..... BDC passed test Services  
Starting test: OutboundSecureChannels  
\* The Outbound Secure Channels test  
\*\* Did not run Outbound Secure Channels test  
because /testdomain: was not entered  
..... BDC passed test  
OutboundSecureChannels Starting test: ObjectsReplicated  
BDC is in domain DC=homrich-berg,DC=local  
Checking for CN=BDC,OU=Domain  
Controllers,DC=homrich-berg,DC=local in domain DC=homrich-berg,DC=local on  
3 servers  
Object is up-to-date on all servers.  
Checking for CN=NTDS  
Settings,CN=BDC,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg  
in domain CN=Configuration,DC=homrich-berg,DC=local on 3 servers  
Object is up-to-date on all servers.  
..... BDC passed test ObjectsReplicated  
Starting test: frssysvol  
\* The File Replication Service SYSVOL ready test  
File Replication Service's SYSVOL is ready  
..... BDC passed test frssysvol  
Starting test: frsevent  
\* The File Replication Service Event log test  
..... BDC 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.  
..... BDC passed test kccevent  
Starting test: systemlog  
\* The System Event log test  
Found no errors in System Event log in the last 60 minutes.

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..... BDC passed test systemlog

Starting test: VerifyReplicas

..... BDC passed test VerifyReplicas

Starting test: VerifyReferences

The system object reference (serverReference)

CN=BDC,OU=Domain Controllers,DC=homrich-berg,DC=local and  
backlink on

CN=BDC,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
are correct. The system object reference

(frsComputerReferenceBL) CN=BDC,CN=Domain System Volume (SYSVOL  
share),CN=File Replication Service,CN=System,DC=homrich-berg,DC=local  
and backlink on CN=BDC,OU=Domain Controllers,DC=homrich-berg,DC=local  
are correct.

The system object reference (serverReferenceBL)

CN=BDC,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local  
and backlink on

CN=NTDS

Settings,CN=BDC,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
are correct.

..... BDC passed test VerifyReferences

Starting test: VerifyEnterpriseReferences

The following problems were found while verifying various  
important DN

references. Note, that these problems can be reported  
because of latency in replication. So follow up to resolve  
the following problems, only if the same problem is reported  
on all DCs for a given  
domain or if the problem persists after replication has had  
reasonable time to replicate changes.

[1] Problem: Missing Expected Value

Base Object:

CN=ALPHA,OU=Domain Controllers,DC=homrich-berg,DC=local

Base Object Description: "DC Account Object"

Value Object Attribute Name: frsComputerReferenceBL

Value Object Description: "SYSVOL FRS Member Object"

Recommended Action: See Knowledge Base Article: Q312862

[2] Problem: Missing Expected Value

Base Object:

CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local

Base Object Description: "SYSVOL FRS Member Object"

Value Object Attribute Name: frsComputerReference

Value Object Description: "DC Account Object"

Recommended Action: Check if this server is deleted, and  
if so clean up this DCs SYSVOL FRS Member Object. Also  
see Knowledge Base Article: Q312862

[3] Problem: Missing Expected Value

Re: SBS 2003 and Replication Errors with Remote DC

Base Object:  
CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local  
Base Object Description: "SYSVOL FRS Member Object"  
Value Object Attribute Name: serverReference  
Value Object Description: "DSA Object"  
Recommended Action: Check if this server is deleted, and  
if so clean up this DCs SYSVOL FRS Member Object. Also  
see Knowledge Base Article Q312862

..... BDC failed test  
VerifyEnterpriseReferences  
Starting test: CheckSecurityError  
\* Dr Auth: Beginning security errors check!  
Found KDC BDC for domain homrich-berg.local in site  
Default-First-Site-Name  
Checking machine account for DC BDC on DC BDC.  
\* SPN found :LDAP/BDC.homrich-berg.local/homrich-berg.local  
\* SPN found :LDAP/BDC.homrich-berg.local  
\* SPN found :LDAP/BDC  
\* SPN found :LDAP/BDC.homrich-berg.local/HB  
\* SPN found

LDAP/766fe7e3-d65c-44d3-9a9c-83f4c7ee4fc5.\_msdcs.homrich-berg.local

\* SPN found

E3514235-4B06-11D1-AB04-00C04FC2DCD2/766fe7e3-d65c-44d3-9a9c-83f4c7ee4fc5/homrich

\* SPN found :HOST/BDC.homrich-berg.local/homrich-berg.local  
\* SPN found :HOST/BDC.homrich-berg.local  
\* SPN found :HOST/BDC  
\* SPN found :HOST/BDC.homrich-berg.local/HB  
\* SPN found :GC/BDC.homrich-berg.local/homrich-berg.local  
[BDC] No security related replication errors were found on  
this DC! To target the connection to a specific source DC use  
/ReplSource:<DC>.

..... BDC passed test CheckSecurityError

Testing server: Alpharetta\ALPHA  
Starting test: Replications  
\* Replications Check  
\* Replication Latency Check  
DC=ForestDnsZones,DC=homrich-berg,DC=local  
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=homrich-berg,DC=local  
Latency information for 1 entries in the vector were

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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=homrich-berg,DC=local

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=homrich-berg,DC=local

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=homrich-berg,DC=local

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).  
\* Replication Site Latency Check

..... ALPHA passed test Replications

Starting test: Topology

- \* Configuration Topology Integrity Check
- \* Analyzing the connection topology for DC=ForestDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for DC=DomainDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for CN=Schema,CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the connection topology for DC=homrich-berg,DC=local. \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.

..... ALPHA passed test Topology

Starting test: CutoffServers

- \* Configuration Topology Aliveness Check
- \* Analyzing the alive system replication topology for DC=ForestDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.

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- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for DC=DomainDnsZones,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for CN=Schema,CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for CN=Configuration,DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.
- \* Analyzing the alive system replication topology for DC=homrich-berg,DC=local.
- \* Performing upstream (of target) analysis.
- \* Performing downstream (of target) analysis.

..... ALPHA passed test CutoffServers

Starting test: NCSecDesc

- \* Security Permissions check for all NC's on DC ALPHA.
- \* Security Permissions Check for DC=ForestDnsZones,DC=homrich-berg,DC=local (NDNC, Version 2)
- \* Security Permissions Check for DC=DomainDnsZones,DC=homrich-berg,DC=local (NDNC, Version 2)
- \* Security Permissions Check for CN=Schema,CN=Configuration,DC=homrich-berg,DC=local (Schema, Version 2)
- \* Security Permissions Check for CN=Configuration,DC=homrich-berg,DC=local (Configuration, Version 2)
- \* Security Permissions Check for DC=homrich-berg,DC=local (Domain, Version 2)

..... ALPHA passed test NCSecDesc

Starting test: NetLogons

- \* Network Logons Privileges Check

Verified share \\ALPHA\netlogon  
Verified share \\ALPHA\sysvol

..... ALPHA passed test NetLogons

Starting test: Advertising

The DC ALPHA is advertising itself as a DC and having a DS.  
The DC ALPHA is advertising as an LDAP server  
The DC ALPHA is advertising as having a writeable directory  
The DC ALPHA is advertising as a Key Distribution Center  
The DC ALPHA is advertising as a time server  
The DS ALPHA is advertising as a GC.

..... ALPHA passed test Advertising

Starting test: KnowsOfRoleHolders

Role Schema Owner = CN=NTDS

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Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber  
Role Domain Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber  
Role PDC Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber  
Role Rid Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber  
Role Infrastructure Update Owner = CN=NTDS  
Settings,CN=SBS,CN=Servers,CN=Default-First-Site-Name,CN=Sites,CN=Configuration,DC=homrich-ber  
..... ALPHA passed test KnowsOfRoleHolders  
Starting test: RidManager  
\* Available RID Pool for the Domain is 4606 to 1073741823  
\* sbs.homrich-berg.local is the RID Master  
\* DsBind with RID Master was successful  
\* rIDAllocationPool is 4106 to 4605  
\* rIDPreviousAllocationPool is 4106 to 4605  
\* rIDNextRID: 4107  
..... ALPHA passed test RidManager  
Starting test: MachineAccount  
Checking machine account for DC ALPHA on DC ALPHA.  
\* SPN found :LDAP/alpha.homrich-berg.local/homrich-berg.local  
\* SPN found :LDAP/alpha.homrich-berg.local  
\* SPN found :LDAP/ALPHA  
\* SPN found :LDAP/alpha.homrich-berg.local/HB  
\* SPN found  
  
LDAP/bc3a5606-08db-44ab-916b-e4775c58a550.\_msdcs.homrich-berg.local  
  
\* SPN found  
  
E3514235-4B06-11D1-AB04-00C04FC2DCD2/bc3a5606-08db-44ab-916b-e4775c58a550/homri  
  
\* SPN found :HOST/alpha.homrich-berg.local/homrich-berg.local  
\* SPN found :HOST/alpha.homrich-berg.local  
\* SPN found :HOST/ALPHA  
\* SPN found :HOST/alpha.homrich-berg.local/HB  
\* SPN found :GC/alpha.homrich-berg.local/homrich-berg.local  
..... ALPHA 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  
..... ALPHA passed test Services  
Starting test: OutboundSecureChannels

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\* The Outbound Secure Channels test  
\*\* Did not run Outbound Secure Channels test  
because /testdomain: was not entered  
..... ALPHA passed test  
OutboundSecureChannels Starting test: ObjectsReplicated  
ALPHA is in domain DC=homrich-berg,DC=local  
Checking for CN=ALPHA,OU=Domain  
Controllers,DC=homrich-berg,DC=local in domain  
DC=homrich-berg,DC=local on 3 servers  
Authoritative attribute nTSecurityDescriptor on ALPHA  
(writeable)  
usnLocalChange = 16386  
LastOriginatingDsa = ALPHA  
usnOriginatingChange = 16386  
timeLastOriginatingChange = 2008-04-08 16:35:54  
VersionLastOriginatingChange = 2  
Out-of-date attribute nTSecurityDescriptor on BDC  
(writeable) usnLocalChange = 1872820  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872820  
timeLastOriginatingChange = 2008-04-08 16:24:18  
VersionLastOriginatingChange = 1  
Out-of-date attribute nTSecurityDescriptor on SBS  
(writeable) usnLocalChange = 8449225  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872820  
timeLastOriginatingChange = 2008-04-08 16:24:18  
VersionLastOriginatingChange = 1  
Authoritative attribute servicePrincipalName on ALPHA  
(writeable)  
usnLocalChange = 16489  
LastOriginatingDsa = ALPHA  
usnOriginatingChange = 16489  
timeLastOriginatingChange = 2008-04-08 17:20:53  
VersionLastOriginatingChange = 8  
Out-of-date attribute servicePrincipalName on BDC  
(writeable) usnLocalChange = 1872842  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872842  
timeLastOriginatingChange = 2008-04-08 16:25:46  
VersionLastOriginatingChange = 2  
Out-of-date attribute servicePrincipalName on SBS  
(writeable) usnLocalChange = 8449246  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872842  
timeLastOriginatingChange = 2008-04-08 16:25:46  
VersionLastOriginatingChange = 2  
Checking for CN=NTDS  
Settings,CN=ALPHA,CN=Servers,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
in domain CN=Configuration,DC=homrich-berg,DC=local on 3 servers  
Authoritative attribute msDS-hasMasterNCs on ALPHA

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(writeable) usnLocalChange = 16534  
LastOriginatingDsa = ALPHA  
usnOriginatingChange = 16534  
timeLastOriginatingChange = 2008-04-08 17:23:19  
VersionLastOriginatingChange = 11  
Out-of-date attribute msDS-hasMasterNCs on BDC (writeable)  
usnLocalChange = 1872841  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872841  
timeLastOriginatingChange = 2008-04-08 16:25:46  
VersionLastOriginatingChange = 1  
Out-of-date attribute msDS-hasMasterNCs on SBS (writeable)  
usnLocalChange = 8449250  
LastOriginatingDsa = BDC  
usnOriginatingChange = 1872841  
timeLastOriginatingChange = 2008-04-08 16:25:46  
VersionLastOriginatingChange = 1  
..... ALPHA failed test ObjectsReplicated  
Starting test: frssysvol  
\* The File Replication Service SYSVOL ready test  
File Replication Service's SYSVOL is ready  
..... ALPHA passed test frssysvol  
Starting test: frsevent  
\* The File Replication Service Event log test  
There are warning or error events within the last 24 hours  
after the  
SYSVOL has been shared. Failing SYSVOL replication problems  
may cause  
Group Policy problems.  
An Warning Event occured. EventID: 0x800034C4  
Time Generated: 04/11/2008 11:02:29  
(Event String could not be retrieved)  
An Warning Event occured. EventID: 0x800034C4  
Time Generated: 04/11/2008 17:17:32  
(Event String could not be retrieved)  
..... ALPHA failed test frsevent  
Starting test: kccevent  
\* The KCC Event log test  
Found no KCC errors in Directory Service Event log in the  
last 15 minutes.  
..... ALPHA passed test kccevent  
Starting test: systemlog  
\* The System Event log test  
An Error Event occured. EventID: 0xC0002719  
Time Generated: 04/12/2008 10:35:30  
(Event String could not be retrieved)  
An Error Event occured. EventID: 0xC0002719  
Time Generated: 04/12/2008 10:35:30  
(Event String could not be retrieved)  
An Error Event occured. EventID: 0xC0002719  
Time Generated: 04/12/2008 10:35:30

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(Event String could not be retrieved)

An Error Event occurred. EventID: 0xC0002719

Time Generated: 04/12/2008 10:35:36

(Event String could not be retrieved)

..... ALPHA failed test systemlog

Starting test: VerifyReplicas

..... ALPHA passed test VerifyReplicas

Starting test: VerifyReferences

The system object reference (serverReference)

CN=ALPHA,OU=Domain Controllers,DC=homrich-berg,DC=local and  
backlink

on

CN=ALPHA,CN=Servers,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
are correct. The system object reference

(frsComputerReferenceBL) CN=ALPHA,CN=Domain System Volume  
(SYSVOL share),CN=File Replication

Service,CN=System,DC=homrich-berg,DC=local and backlink on

CN=ALPHA,OU=Domain Controllers,DC=homrich-berg,DC=local are correct.

The system object reference (serverReferenceBL)

CN=ALPHA,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local  
and backlink on

CN=NTDS

Settings,CN=ALPHA,CN=Servers,CN=Alpharetta,CN=Sites,CN=Configuration,DC=homrich-berg,DC=local  
are correct.

..... ALPHA passed test VerifyReferences

Starting test: VerifyEnterpriseReferences

The following problems were found while verifying various  
important DN

references. Note, that these problems can be reported  
because of latency in replication. So follow up to resolve  
the following problems, only if the same problem is reported  
on all DCs for a given  
domain or if the problem persists after replication has had  
reasonable time to replicate changes.

[1] Problem: Missing Expected Value

Base Object:

CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local

Base Object Description: "SYSVOL FRS Member Object"

Value Object Attribute Name: frsComputerReference

Value Object Description: "DC Account Object"

Recommended Action: Check if this server is deleted, and  
if so clean up this DCs SYSVOL FRS Member Object. Also  
see Knowledge Base Article: Q312862

[2] Problem: Missing Expected Value

Base Object:

CN=CDRP,CN=Domain System Volume (SYSVOL share),CN=File  
Replication Service,CN=System,DC=homrich-berg,DC=local

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Base Object Description: "SYSVOL FRS Member Object"  
Value Object Attribute Name: serverReference  
Value Object Description: "DSA Object"  
Recommended Action: Check if this server is deleted, and  
if so clean up this DCs SYSVOL FRS Member Object. Also  
see Knowledge Base Article Q312862

..... ALPHA failed test

VerifyEnterpriseReferences

Starting test: CheckSecurityError

\* Dr Auth: Beginning security errors check!

Found KDC ALPHA for domain homrich-berg.local in site

Alpharetta Checking machine account for DC ALPHA on DC ALPHA.

\* SPN found :LDAP/alpha.homrich-berg.local/homrich-berg.local

\* SPN found :LDAP/alpha.homrich-berg.local

\* SPN found :LDAP/ALPHA

\* SPN found :LDAP/alpha.homrich-berg.local/HB

\* SPN found

LDAP/bc3a5606-08db-44ab-916b-e4775c58a550.\_msdcs.homrich-berg.local

\* SPN found

E3514235-4B06-11D1-AB04-00C04FC2DCD2/bc3a5606-08db-44ab-916b-e4775c58a550/homri

\* SPN found :HOST/alpha.homrich-berg.local/homrich-berg.local

\* SPN found :HOST/alpha.homrich-berg.local

\* SPN found :HOST/ALPHA

\* SPN found :HOST/alpha.homrich-berg.local/HB

\* SPN found :GC/alpha.homrich-berg.local/homrich-berg.local

[ALPHA] No security related replication errors were found on  
this DC! To target the connection to a specific source DC use  
/ReplSource:<DC>. .... ALPHA passed test

CheckSecurityError

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

Running partition tests on : ForestDnsZones

Starting test: CrossRefValidation

..... ForestDnsZones passed test

CrossRefValidation

Starting test: CheckSDRefDom

..... ForestDnsZones passed test

CheckSDRefDom

Running partition tests on : DomainDnsZones

Starting test: CrossRefValidation

..... DomainDnsZones passed test

CrossRefValidation

Starting test: CheckSDRefDom

..... DomainDnsZones passed test

CheckSDRefDom

Running partition tests on : Schema

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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 : homrich-berg  
Starting test: CrossRefValidation  
..... homrich-berg passed test  
CrossRefValidation  
Starting test: CheckSDRefDom  
..... homrich-berg passed test  
CheckSDRefDom  
Running enterprise tests on : homrich-berg.local  
Starting test: Intersite  
Doing intersite inbound replication test on site Alpharetta:  
Locating & Contacting Intersite Topology Generator (ISTG)  
... The ISTG for site Alpharetta is: ALPHA.  
Checking for down bridgeheads ...  
Bridgehead Default-First-Site-Name\SBS is up and replicating fine.  
Bridgehead Alpharetta\ALPHA is up and replicating fine.  
Doing in depth site analysis ...  
All expected sites and bridgeheads are replicating into site Alpharetta.  
Doing intersite inbound replication test on site Default-First-Site-Name:  
Locating & Contacting Intersite Topology Generator (ISTG)  
... The ISTG for site Default-First-Site-Name is: SBS.  
Checking for down bridgeheads ...  
\*Warning: Remote bridgehead Alpharetta\ALPHA is not eligible as a bridgehead due to too many failures. Replication may be disrupted into the local site Default-First-Site-Name. Bridgehead Default-First-Site-Name\SBS is up and replicating fine.  
Doing in depth site analysis ...  
Remote site Alpharetta is replicating to the local site Default-First-Site-Name the writeable NC ForestDnsZones correctly.  
Remote site Alpharetta is replicating to the local site Default-First-Site-Name the writeable NC DomainDnsZones correctly.  
Remote site Alpharetta is replicating to the local site Default-First-Site-Name the writeable NC Schema

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correctly. Remote site Alpharetta is replicating to the local site Default-First-Site-Name the writeable NC Configuration correctly.

Remote site Alpharetta is replicating to the local site Default-First-Site-Name the writeable NC homrich-berg correctly.

..... homrich-berg.local passed test

Intersite Starting test: FsmoCheck

GC Name: \\alph