

Re: sys vol check

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-08/msg03095

- *From:* "Jorge Silva" <jorgesilva_pt@xxxxxxxxxxx>
 - *Date:* Tue, 29 Aug 2006 20:16:15 +0100
-

How sites and subnets are configured?

—

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Scott Sendelbach" <ScottSendelbach@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:0049D664-5C8F-457F-B725-34FDB068C7B9@xxxxxxxxxxxxxxxxxxxx>

Yes the servers have the local DNS server listed as the first(primary DNS server) under the NIC properties. Then I removed the ISP DNS and added the other two DNS server addresses.

Yes, the DNS is AD integrated.

The DNS server addresses is being populated by a network appliance/firewall that is handing out DHCP address. I made the Phoenix DNS server primary, Las Vegas second and California last.

I think there is a DNS issue and I believe that replication is working. How can I test both to see if they are setup correctly?

"Jorge Silva" wrote:

Are the users NIC DNS configuration pointing only to their local DNS servers?
You have DNS AD Integrated right?
Are the servers pointing to itself under their NIC DNS Preferred server?

You must had something wrong, because if you follow those links the Logon

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must work.
Check if replication is working.

Another thing, you said that you undo everything, so how is it configured now?

--

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Scott Sendelbach" <ScottSendelbach@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:14F5AE16-61C8-4E4B-BE08-39C9BFF10489@xxxxxxxxxxxxxxxxxxxx

I modified the forwarders tab on the DNS AD list like the instructions listed, and then I changed the DNS servers list on all three DNS server to point to each other rather than the ISP DNS servers.

When I got in this morning, no one was able to log on and see the network. I had to undo everything I did yesterday afternoon and it seems to be working fine now.

I am not sure what I did wrong. I followed the instructions listed in the microsoft link you sent me earlier.

"Jorge Silva" wrote:

how?

The DNS server should point to itself in NIC Preferred DNSserver.
The clients should use only their local

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DNSserver in ther NIC
Preferred
DNSserver.

How clients and servers are configured now?

--

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Scott Sendelbach"

<ScottSendelbach@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:2016BC8A-6A8F-4113-9D34-C07E3DD73A3B@xxxxxxxxxxxxxxxxxxxx

I have done as you
instructed and it crashed our
network. No one is
able
to
log on this morning and see
any local resources.

"Jorge Silva" wrote:

Inline

1.
How
do
I
know
when
it
will
be
safe
to
remove
them
from
the
DHCP
device

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that
is
handing
out
licenses?

- Remove what?
- If you're referring to network clients, make sure that each client only uses their local DNS server, DON'T Place ISP DNS server on clients NIC Preferred DNS or secondary.

2.
Why don't I want the ISP DNS servers listed? We have a hard time accessing the internet without them there.

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Only local
DNS
servers
should
handle
Internet
name
resolution,
trust
me,
you
don't want
your clients
and member
servers
trying to
register on
external
DNS
servers, or
trying to
resolve
public
address in
public
domain,
remember,
the AD is
DNS
dependent
and all
clients need
DNS
resolution
to
reach
AD
Servers,etc...
That's why
they must
use only
internal
DNS
servers,
and,
if
the clients
need Public
resolution
then
internal

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DNS
servers
should
handle
that. You
may think
of internal
DNS like
something
of this
way...
Internal
DNS
servers are
maestros of
Internal and
External
resolution...
If
the
clients need
to access
AD servers
the Internal
DNS
provide the
correct
address, if
the clients
need to
access to
public
domain, the
internal
DNS
should also
provide
them the
correct
address.
What would
happen if
you
configured
ISP DNS
servers on
clients???

Well, First
the ISP
DNS
Servers

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don't allow
your clients
to register
on their
DNS
servers,
Second,
the
ISP
DNS
Servers
don't know
where your
internal
DCs are,
Third, if
your
clients
go outside
trying to
resolve
DNS
queries
they're
exposing to
public
network
which
represents
security
issues.

3.
All
three
offices
are
serviced
by
COX,
but
each
office
has
their
own
ISP
DNS
server

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addresses
because
of
their
geographic
location.
Will
doing
this
step
ruin
the
connection
to
the
internet?

Why? If
you have
Internal
DNS in
each
location
(site),
configure
Forwarding
in each
DNS server
to point to
the correct
ISP/DNS
Server, you
can
even
increase
security by
point the
Forwarding
to router
IPAddress.

--

I hope that
the
information
above helps
you

Good Luck
Jorge Silva

Re: sys vol check

MCSA
Systems
Administrator

"Scott
Sendelbach"

<ScottSendelbach@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:27A46733-6D06-4514-BAAC-2A15085686AA@xxxxxxxxxx

We
have
three
different
DNS
servers,
1
in
each
office.
I
have
modified
the
DNS
FORWARDERS
per
your
suggestion.
I
have
several
questions
about
that.
1.
How
do
I
know
when
it
will
be
safe
to
remove
them
from

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the
DHCP
device
that
is
handing
out
licenses?

2.
Why
don't
I
want
the
ISP
DNS
servers
listed?
We
have
a
hard
time
accessing
the
internet
without
them
there.

3.
All
three
offices
are
serviced
by
COX,
but
each
office
has
their
own
ISP
DNS
server
addresses
because
of

Re: sys vol check

their
geographic
location.
Will
doing
this
step
ruin
the
connection
to
the
internet?

"Jorge
Silva"
wrote:

Hi

First
remove
the
ISP
DNS
servers
from
your
NIC
configuration.
(68.2.16.30;68.1.208.30)
To
resolve
internet
names
configure
Forwarding
<http://support.microsoft.com/kb/323380/>

Second
sounds
like
your
server
isn't
resolving
the
parent
domain,

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to
solve
that
make
sure
that
your
server
can
resolve
the
FQDN
of
the
DCs
at
Root
domain.
You
can
configure
Conditional
forwarding,
Secondary
zones
or
you
can
replicate
the
root
DNS
Zone
at
forest
level.
Attention
the
_msdcs.domain.tld
contain
information
about
Global
catalog
and
other
domain/forest
important
records
and
they

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only
exist
in
parent
(root)
DNS
server
(this
zone
contains
information
that
IS
ONLY
AVAILABLE
IN
THE
ROOT),
so
is
always
a
good
practice
to
replicate
the
root
_msdcs.domain.tld
across
the
forest.
How
to
Create
a
Child
Domain
in
Active
Directory
and
Delegate
the
DNS
Namespace
to
the
Child
Domain
<http://support.microsoft.com/kb/255248/>

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Conditional
Forwarding
in
Windows
Server
2003

<http://support.microsoft.com/default.aspx?scid=kb;en>

How
to
Delegate
All
Internet
Top-Level
Domains
on
an
Internal
Root
DNS
Server

<http://support.microsoft.com/default.aspx?scid=kb;en>

--
I
hope
that
the
information
above
helps
you

Good
Luck
Jorge
Silva
MCSA
Systems
Administrator

"Scott
Sendelbach"

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<ScottSendelbach@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:94A1B9A9-6943-4A47-8CF3-ACA26F85A

Here
is
the
DCDIAG
Test
results.
Yes
this
DC
is
a
DNS
server.

Doing
initial
required
tests

Testing
server:
PHOENIX\ADMINSERVER
Starting
test:
Connectivity
*
Active
Directory
LDAP
Services
Check
The
host
1ea9b77e-235f-470b-9dff-390786e1077d.
c
ould
not
be
resolved
to
an
IP
address.
Check
the

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DNS
server,
DHCP,
server
name,
etc

.....
ADMINSERVER
failed
test
Connectivity

Testing
server:
PHOENIX\SERVER
Starting
test:
Connectivity

*
Active
Directory
LDAP
Services
Check
The
host
857bd24b-6e5b-416f-9c15-912bd3767259
c
ould
not
be
resolved
to
an
IP
address.
Check
the
DNS
server,
DHCP,
server
name,
etc
Although
the
Guid
DNS
name

(857bd24b-6e5b-416f-9c15-912bd3767259)

Re: sys vol check

couldn't
be
resolved,
the
server
name
(server.CORP.DLECINC.COM)
resolved
to
the
IP
address
(192.168.168.5)
and
was
pingable.
Check
that
the
IP
address
is
registered
correctly
with
the
DNS
server.

.....
SERVER
failed
test
Connectivity

Testing
server:
LASVEGAS\HENDERSON
Starting
test:
Connectivity

*
Active
Directory
LDAP
Services
Check
The
host
480ce73a-6788-4c5b-9bd3-23978bf8245f.
c
ould

Re: sys vol check

not
be
resolved
to
an
IP
address.
Check
the
DNS
server,
DHCP,
server
name,
etc

.....
HENDERSON
failed
test
Connectivity

Testing
server:
IRVINE\IRVINE
Starting
test:
Connectivity
*

Active
Directory
LDAP
Services
Check
The
host

18633bd7-ee97-4eeb-a17b-a53a207df394.
c

ould
not
be
resolved
to
an
IP
address.
Check
the
DNS
server,
DHCP,
server

Re: sys vol check

name,
etc

.....

IRVINE
failed
test
Connectivity

Testing
server:
PHOENIX\MESA
Starting
test:
Connectivity
*

Active
Directory
LDAP
Services
Check
The
host
a0814bcc-59c0-4c09-9cc8-65b920bb9cad.
c
ould
not
be
resolved
to
an
IP
address.
Check
the
DNS
server,
DHCP,
server
name,
etc
Although
the
Guid
DNS
name

(a0814bcc-59c0-4c09-9cc8-65b920bb9cad
couldn't
be
resolved,
the

Re: sys vol check

server
name
(mesa.CORP.DLECINC.COM)
resolved
to
the
IP
address
(192.168.168.3)
and
was
pingable.
Check
that
the
IP
address
is
registered
correctly
with
the
DNS
server.

.....
MESA
failed
test
Connectivity

Doing
primary
tests

Testing
server:
PHOENIX\ADMINSERVER
Skipping
all
tests,
because
server
ADMINSERVER
is
not
responding
to
directory
service
requests

Re: sys vol check

Testing
server:
PHOENIX\SERVER
Skipping
all
tests,
because
server
SERVER
is
not
responding
to
directory
service
requests

Testing
server:
LASVEGAS\HENDERSON
Skipping
all
tests,
because
server
HENDERSON
is
not
responding
to
directory
service
requests