

Re: Active Directory New Site

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-09/msg00808

- *From:* Chris White <ChrisWhite@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 18 Sep 2007 05:20:02 -0700
-

Good to hear I am getting my head round the problem and not just uttering total nonsense hehe.

Also good to hear that it is a model that somebody has used before!

I'll set it all up on the test bench (the meeting room 8oP) and see how I get on!!

Best Regards,

--

Chris White
United Kingdom

"Tim" wrote:

Oops. I missed the fact that we are dealing with DCs. No RRAS.

Setting it up should be about as simple as you've listed. Router between the networks, new subnet object, new site then configure DFS. BTW- I've set this up before and it works very well. Replication is quick and failover only took a few seconds in some cases.

"Chris White" wrote:

Yea its cutting to the crunch now.

I just want my replica DFS server to be on another subnet but physically in the same server room, appearing to AD as though its remote.

Just wondering if the "Existing Switch w/DC & Primary DFS Store>Router>New Switch w/ Replica DFS Store" is a working model or will it just go down like a led zep.

--

Chris White

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United Kingdom

"Anthony" wrote:

Chris,
Just for completeness, you could do something creative with
subnetting, but
frankly the time it would take and the risk of creating other
problems make
it just not worth it.
Anthony,
<http://www.airdesk.co.uk>

"Chris White"
<ChrisWhite@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
<news:309A8675-18DA-46B7-B565-529FCF35E0FE@xxxxxxxxxxxxxxxxxxxx>

Hey guys,

Thanks for your replies so far.

I was warned off the RRAS service for this
type of network challenge.

We have some good rack routers just sitting
in the cuboard.

Would it be as simple as putting the router
between the existing switch,
and
a new switch with the second redundant
server/dfs replica on? Then using
AD
Sites and Services to create a new site, then
inside that, the server
object
and subnet object for that server?

I know this is a networking question really,
but I know you guys are very
multi-skilled.

Thanks for your time!

--

Chris White

Re: Active Directory New Site

United Kingdom

"Ryan Hanisco" wrote:

Hi Everyone,

Multihomed DCs are more trouble than they are worth and can lead to all kinds of replication fun. Tim does make a good point, though.

The piece of equipment you are missing is a router to get you from one network to another -- this could be inter-VLAN routing on a switch, a physical router, or a server running RRAS to route between the NICs.

If you have the equipment and enterprise need to justify an additional site for redundancy, you would probably be better served acquiring the network equipment to do it correctly. I am a big fan of only asking equipment to do what is in its sweet spot. This means avoiding routing on servers, especially DCs, if at all possible.

If you're stuck with home class equipment like linksys, you might be better off getting a combo router/switch for \$40 and using the uplink port to connect back to your main LAN segment. You'll have

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to work a little more
for
it, but it'll be much more
stable. Of course, I would
strongly suggest
investing in Cisco gear, but
I'm sure you would have
already if it were
just
that easy.

Cheers,

--

Ryan Hanisco
MCSE, MCTS: SQL 2005,
Project+
www.techsterity.com
Chicago, IL

Remember: Marking helpful
answers helps everyone find
the info they need
quickly.

"Tim" wrote:

Here's an
outside the
box
solution.
Put 2 NICs
in the server
and use
routing and
remote
access to
actually
create a
second
network.
Real
site,
real subnet.
No VLANs
or switch
configs.

Tim

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"Chris
White"
wrote:

Hi
there,

So
I
have
been
discussing
a
project
with
a
MVP
on
another
newsgroup
and
know
what
i
need
to
achieve.
Just
need
help
with
it.

Basically
i
need
to
create
a
"fake"
site.

I
have
2
DFS-Store
servers
(2
servers
with

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a
copy
of
the
same
data).

I
need
to
put
the
second
on
a
new
site,
with
a
VLAN
on
my
switch
so
DFS
thinks
its
an
Off-Site
replica.
When
really
it
would
help
me
resolve
my
failover
requirements.

So....

Hand
Built
PC
-
SBS2003
SP1
DFS-Catalogue
-

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Brand
New
Dell
PowerEdge
860
-
2003
R2
DFS-Store1
-

Brand
New
Dell
PowerEdge
860
-
2003
R2
DFS-Store2
-

Brand
New
Dell
PowerEdge
860
-
2003
R2

DFS-Catalogue
:
---->
DFS-Store1
(Master)
:
---->
DFS-Store2
(Replica
on
fake
new
site
&
new
subnet)

I
need
to
create
a

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way,
in
AD,
to
add
a
new
site,
and
a
new
subnet
for
my
VLAN
and
then
physically
link
into
that
VLAN
somehow?
I
dont
understand
how
i
need
to
link
the
existing
switched
machines
to
a
VLAN
port
group.
The
Netgear
GS725T
Switch
doesn't
offer
the
chance
to
assign
a

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Subnet
to
the
new
created
VLAN
port-group.

Basically
need
to
trick
AD
into
thinking
that
the
DFS-Store2
is
on
another
site,
and
put
a
higher
cost
on
that
connection.
So
users
on
the
first
site
talk
to
the
DFS-Store1
only.
But
need
to
create
a
route
so
that,
if
DFS-Store1

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was
down,
the
users
would
be
switched
over
to
DFS-Store2
on
what
seems
to
be
another
site.

Thanks
in
advance.

--
Chris
White
United
Kingdom