

# Re: AD Site Criteria and DFS

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[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2006-08/msg03138](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-08/msg03138)

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- *From:* "Herb Martin" <[news@xxxxxxxxxxxxxxxx](mailto:news@xxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 30 Aug 2006 00:01:24 -0500
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"Alb5150" <[Alb5150@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Alb5150@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:9E6D2DC2-84B6-4C02-A6A5-9367E445FC39@xxxxxxxxxxxxxxxx](mailto:news:9E6D2DC2-84B6-4C02-A6A5-9367E445FC39@xxxxxxxxxxxxxxxx)

Packeteer's IShared appliance is suited for CIFS over the WAN. You put a server appliance in the "datacenter" and a remote appliance in the branch office. The appliance runs windows and to the users in the branch it looks like a windows file server. The shares the users see are a real-time window into the datacenter file servers. There is an optimized tunnel that runs between the datacenter and branch appliances, that does streaming and compression and file aware differencing. So as users access files they see on the remote they get optimized accross the WAN then stored on a cached volume on the remote. The datacenter appliance places a lock on the original file on the file server while the user in the branch has it open. If a user makes a 100k change to a 3 meg word file, only the changes get sent across the wan and the original gets updated. The next access to that same file will be served up from local cache and the software will first checkk the datacenter and see if the cached copy is the locked and if it's the latest rev. If it's not locked and the original has changed..it'll send the deltas to the branch and serve it up to the user. It's cool cause you can forget about file servers and the hassles of backups in the branch. The authoritative copy is always on the datacenter file servers. It's truely "tight collaboration" unlike R2's "loose collaboration". Another cool thing is since that the appliance runs windows it can be a DC, DNS, DHCP and Print server all in one footprint. Yet another cool thing is that they sell software..which is what we bought...so I've deployed the WAFS solution on DELL 1850's instead of an appliance.

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Thanks — that is interesting.

Sorry for the long winded response...hope this helps...any more questions let me know...I'd be happy to answer.

Never need to apologize for a complete response since that is both how we learn AND anyone who doesn't care can just hit next or delete.

So (as I understand it) it looks and acts like DFS BUT it is much more optimized for file transfer and file locking, i.e., not dependent on the built-in FRS for the replication?

—

Herb Martin, MCSE, MVP  
Accelerated MCSE  
<http://www.LearnQuick.Com>  
[phone number on web site]

Al

"Anthony" wrote:

Just interested in how well it works, and what it is best for,  
Anthony

"Alb5150" <Alb5150@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:0A24FF34-4700-4AE4-8368-AA98F7C5D6FE@xxxxxxxxxxxxxxxxxxxx](mailto:news:0A24FF34-4700-4AE4-8368-AA98F7C5D6FE@xxxxxxxxxxxxxxxxxxxx)

No problems with the appliance do you have any questions about it? I've deployed many.

Alan

"Anthony" wrote:

I would be really interested to hear how you get on with that appliance,  
Anthony

Re: AD Site Criteria and DFS

"Alb5150"

<Alb5150@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:1BCF254B-6A9E-4921-8340-280DB974E66E@xxxxxxxxxxxxxxxxxxxx

Thanks for the reply. I understand the auth and dns issues. Trying to deploy a Tacit Networks/Packeteer IShared WAFS appliance in a remote site and want it to be the link target for the dfs namespace but we might not be able to put DC's in all sites. Was hoping that it wasn't a technical requirement..Thanks to all who replied.

Alan

"Herb Martin" wrote:

"Alb5150"

<Alb5150@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in

message

news:AFEF31F8-0CA6-4852-BE34-400E922FE966@xxxxxxxxxxxx

Quick question about DFS site selection...

Can you create a site in

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AD,  
add  
subnets,  
links..etc  
but  
not  
have  
a  
domain  
controller  
in  
the  
site  
and  
have  
DFS  
site  
selection  
work?  
Trying  
to  
figure  
out  
if  
a  
DC  
is  
a  
requirement...

No, not a  
technical  
requirement  
but consider  
that if DFS  
is a domain  
resource  
and access  
to that  
resource is  
critical  
then  
DOMAIN  
AUTHENTICATION  
is also  
critical.

Chances are  
this will  
argue for a

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DC and a  
DNS server  
in  
that site but  
you already  
have at least  
one server  
(the DFS)  
so it might  
not even  
cost you a  
machine.

And you  
authentication  
will be  
more  
efficient  
too.

Any  
info  
appreciated...thanks,

--

Herb  
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number on  
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Al

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