

Re: Off-Site Duplicate Server Setup

Source:

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On Fri, 25 Feb 2005 08:24:37 -0500, "Tim Net" <google@cfapostle.com> wrote:

>*Our version of Veritas cannot capture files that are in use and hence a bare metal restore is not possible. There may be a newer version, but we don't have it.*

There is, there are and you can upgrade. :)

Buying the appropriate product is part of the problem you face. Veritas has a brand new version of BackupExec, plus there is an open file option available, as well as a bare metal product, intelligent disaster recovery, etc.

>*Three options that I have explored:*

>1. - *Microsoft Data Protection Server*

>2. - *Microsoft ADS*

>3. - *Asigra*

>*On Veritas, MSSQL and Oracle databases won't get backed up UNLESS you create a job to dump them. Asigra builds that functionality into their client. ADS and DPS have no problem with them.*

Veritas also has a SQL connector to handle backups of MS SQL databases. Plus, the normal process for databases is backing up the database as a database management task within the database, then backup the backup files to tape/disk/offline/whatever. Modern databases have pretty decent disaster recovery options.

>*Veritas and ADS don't not have a notion of the File Delta that DPS and Asigra do. Hence, if you have a 100 MB MS Access DB that changed by 1K last night, ADS and Veritas get the full 100MB. Asigra and DPS get the ~1K.*

Which is good until restoration when you need to restore the original, then each delta.

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>Veritas is built on Tape systems. DPS, ADS and Asigra are 'other' storage
>systems and can include IDE, SCSI, RAID, NAS or SAN. Going with a
>Non-serial, Non-tape storage like Asigra allows multiple restore/backups to
>commence simultaneously with tremendous speed.

Veritas does backup-to-disk as well.

>Yesterday, I backed up the Full system state, Services, and 5 GB of data in
>a little over 7 minutes. I set a job to run on the client every 15 minutes
>which then takes a little over 1 minute to recapture the Full system state,
>Services, and the file changes.

If you need a full system state backup every quarter hour, you should likely have a live replicated server available.

>I am hopeful that today or Monday I will do exactly what you are asking
>about. To take one of the 'point in time' backup points and restore it to
>the same hardware profile on the rack.
>
>At this point I am obviously leaning toward Asigra, though I am still open
>to alternatives.

If Asigra meets your needs it's a valid option. Go for it.

Jeff

>"Daniel" <groups@madridmadridsoleado.com> wrote in message
>news:eltDOQxGFHA.2620@tk2msftngp13.phx.gbl...
>> Disaster Recovery (DR) can be a headache. IMO, the best solution is to
>> have a 2nd site with a VPN linking it to the 1st. Put a domain controller
>> at the DR site so that all AD info is replicated. Then each night,
>> replicate the changes on the file servers to the DR file servers. Every
>> time you install an application on a server or a users computer at the
>> primary site, you have to make arrangements for this to be done at the DR
>> site.
>> More work but it provides a total DR solution.
>>
>> DR should be tested by the users often.
>>
>> --
>>
>> Daniel
>> MCSE, MCP+I, MCP in Windows 2000/NT
>>
>> -----
>> remove the 2nd madrid from my mail address to contact me.
>>
>> "asdf" <dfsa@sadf.com> wrote in message
>> news:%sxTd.4374\$hk6.684@fe09.lga...
>>> Our client wants the quickest possible access to their data in case of a
>>> disaster occuring.

>>>
>>> *We are considering the following suggestions:*
>>> *1. Backup their exchange mailboxes, store and data as well as system*
>>> *state*
>>> *to DLT.*
>>> *Move DLT tape to our office on the daily basis. In the office we will*
>>> *have an exact duplicate*
>>> *of their machine with the same OS/exchange/hotfixes/service packs. In*
>>> *case of disaster we recover Exchange info and data.*
>>> *However the downside of this setup is that their miscellaneous*
>>> *applications used on the server wont be restored.*
>>>
>>>
>>> *Solution 2 is what we really want to make work:*
>>> *In this solutions Veritas would backup _entire_ server (sort of like*
>>> *Ghost*
>>> *making image of the drive) to the DLT*
>>> *tape every day. We would bring the tape to our office on the daily basis.*
>>> *We*
>>> *would also keep the exact*
>>> *replica of their machine in our office. In case of disaster we would*
>>> *restore*
>>> *entire server to the spare machine from one of*
>>> *our own machines with a DLT drive.*
>>>
>>> *My question is: Does Veritas have capability to make 'image' of the*
>>> *entire*
>>> *drive? Or is the solution 1 the only way to accomplish what we want.*
>>>
>>> *Thank you much in advance for all suggestions.*
>>>
>>>
>>
>>
>