

Re: Looking for replication technique for cluster VM's to offsite

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.clustering/2006-10/msg00116.html>

- *From:* Christian Grebing <ChristianGrebing@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 12 Oct 2006 12:58:03 -0700
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Hi Graham,

ever thought about Campus Cluster?

At our costumer sites we have implemented several ones.

you can put one cluster node with a separate shared storage to your backup location and mirror the shared storage with symantec storage foundation.

It works with dynamic disks in a cluster environment. So your virtual disks will be mirrored and the VMs will fail over automaticaly if a site failure occurs.

You need to have network and storage connection between the location.

Christian

"Graham Prentice" wrote:

Licensing has been reviewed and is not the issue.

From Licensing Microsoft Server Products with Microsoft Virtual Server R2 and Other Virtual Machine Technologies December 2005

Each physical server has Windows Server 2003 R2 Enterprise Edition installed.

Each software license allows you to run, at any one time, one instance of the server software in a physical OS environment and up to four instances of the server software in virtual OS environments on a particular server.

We would like to sync important VM dirs to an offsite Windows 2003 R2 Enterprise Edition server and are looking for a utility to do this in a clustered environment.

Graham

"Chuck Timon [Microsoft]" <ctimon@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

Re: Looking for replication technique for cluster VM's to offsite

news:%23CsFokf7GHA.4708@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

You may want to consider first reviewing the licensing for this configuration as it sounds like you may be in violation. While VS 2005 may be free, the licensing for the OS running inside it has restrictions.

Chuck Timon, Jr.
Microsoft Corporation
Longhorn Readiness Team
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"Graham Prentice" <gprentice_@xxxxxxxxxxxxxxxx> wrote in message
news:%23hiKlba7GHA.4116@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi all, we have a 3 node cluster running Win2003R2 64bit on each node and Virtual Server 2005R2. Everything is running great but we'd like to replicate to an offsite location for emergency useage. (we have about 10 VMs)

One idea was to sync the directorys with the VMs to another offsite Win2003 server with VS2005. When it was time to use the offsite environment, just add the VMs in VS2005 and go. (this manual process is acceptable to us)

However, being a cluster, we'd need cluster aware replication software, or use a scheduled script to shutdown the VMs, then sync the VM dirs, then fire back up the VMs.

Any thoughts on this?

Graham