

Re: 2 node Active/Active with 2 separate storage servers all in 1.

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Source:

<http://www.tech-archive.net/Archive/SQL-Server/microsoft.public.sqlserver.clustering/2005-09/msg00163.html>

- *From:* "Mike Epprecht \ (SQL MVP)" <mike@xxxxxxxxxxxxx>
 - *Date:* Fri, 23 Sep 2005 22:53:28 +0200
-

Hi

One the 1st question, I see no reason why it should not be supported. If you need a 100% answer then you will probably need to get in Microsoft Consulting Services and have then write you a report.

We run combinations of Multiple SANs and / or multiple SAN Networks.

Regards

Mike Epprecht, Microsoft SQL Server MVP
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MVP Program: <http://www.microsoft.com/mvp>

Blog: http://www.ms_mvps.com/epprecht/

"Terry G Phillips" <TerryGPhillips@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:11DF3317-6A20-47F9-B51C-7C867AE4F992@xxxxxxxxxxxxxxxxxxxxx

> Mike – thank you for the quick reply, but I'm still not sure if what we

> want

> to do it supported. Yes, our 2 separate configurations are in the HCL. We

> can

> take our 2 445s along with required HBAs, McData, and DS8100 and have an

> approved solution. My real question is: if we take another set of HBAs,

> McData and a ESS 800 , an approved solution by itself, and combine it with

> the same servers and other storage solution, do I assume that will

> invalidate

> the total system? Is there a way to get Microsoft's opinion on this?

>

> Yep – I follow you on the Quorum drive.

>

> And you stated: "We run multiple SANS for our clusters, without any

> problems". Is that multiple SAN networks or Storage Servers? To the same

> cluster instance?

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>

> Thank you again,

>

> Terry G Phillips

>

>

> "Mike Epprecht (SQL MVP)" wrote:

>

>> Hi

>>

>> For clustering HCL hardware can not be picked and matched, it is

>> certified

>> as a whole system. According to

>>

>> <http://www.microsoft.com/windows/catalog/server/default.aspx?subID=22&xslt=detail&pgn=76C84FEB-4F30-8E40>

>> the 445 server is certified with the storage solution.

>>

>> You then have to decide on which SAN you are going to put the Quorum

>> drive,

>> and this SAN will be your single point of failure for the cluster. Once

>> you

>> cluster, you really need both SAN's up always up, especially the Quorum

>> one.

>>

>> We run multiple SANS for our clusters, without any problems.

>>

>> Regards

>> -----

>> Mike Epprecht, Microsoft SQL Server MVP

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>> MVP Program: <http://www.microsoft.com/mvp>

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>> Blog: <http://www.msmvps.com/epprecht/>

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>> "Terry G Phillips" <TerryGPhillips@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in

>> message <news:FF1F4968-0077-48C3-AF27-C9F788592538@xxxxxxxxxxxxxxxxxxxx>

>> > We have a pair of identical IBM 445s and would like to run them in an

>> > active/active cluster. We have a new IBM TotalStorage DS8100 and an

>> > older

>> > IBM

>> > TotalStorage Enterprise Storage Server Model 800 that along with the

>> > servers,

>> > are a small part of our SAN. We run Emulex & Qlogic HBAs and McData

>> > 6064

>> > switching.

>> >

>> > The plan was to run 1 node/SQL instance A with SQL storage on the 8100.

>> > And

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>>> the other node/SQL instance B with SQL storage on the 800. The design
>>> has
>>> been scoped to where each cluster group will point to a single storage
>>> server. Although both of the configurations by themselves, are on the
>>> HCL,
>>> our storage VAR raised an eyebrow and questioned MS Support if using
>>> both
>>> ESSs in a single cluster environment.
>>>
>>> So what do ya'll think? Does merging 2 approved storage solutions into
>>> a
>>> single cluster make it un-approved?
>>>
>>> Any advise, questions or comments would be appreciated.
>>>
>>> Thx,
>>>
>>> Terry G Phillips
>>
>>
>>

• **References:**

- ◆ **Re: 2 node Active/Active with 2 separate storage servers all in 1.**
 ◇ From: Mike Epprecht \(\SQL MVP\)
- ◆ **Re: 2 node Active/Active with 2 separate storage servers all in 1.**
 ◇ From: Terry G Phillips

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