

Re: Concurrent Storage Question

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2003-06/0253.html>

From: Shekhar Dhotre (*Shekhar.Dhotre_at_LENDLEASEREI.COM*)

Date: 06/24/03

Date: Tue, 24 Jun 2003 10:08:23 -0400
To: aix-l@Princeton.EDU

Rod ,

Looks like polyserve is clustering product like HACMP,VCS etc. RAC (real Application Cluster) is taking care of clustering .
I am stuck at SAN /OSlevel as these two servers cannot use shared SAN storage at the same time but if I halt one server then storage becomes available to other . Am I missing anything here ?

Thanks
SD

Rod Jenkins <RodJ@IOWATELECOM.COM>
Sent by: IBM AIX Discussion List <aix-l@Princeton.EDU>
06/24/2003 09:49 AM
Please respond to
IBM AIX Discussion List <aix-l@Princeton.EDU>

To
aix-l@Princeton.EDU
cc

Subject
Re: Concurrent Storage Question

We use an application called Polyserve.
<http://www.polyserve.com/>

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You can contact me if you need further information.

Rod Jenkins

UNIX Administrator

Iowa Telecom

IBM Certified Specialist: pSeries AIX System Administration

-----Original Message-----

From: Shekhar Dhotre [mailto:Shekhar.Dhotre@LENDLEASEREI.COM]

Sent: Monday, June 23, 2003 10:13 PM

To: aix-l@Princeton.EDU

Subject: Concurrent Storage Question

Hi All,

This is slightly off topic question so please bear up with me . I am working on proof of concept project (Oracle9i RAC on redhat Enterprise Linux) and need some help in understanding concurrent access.

I have a shared SAN storage allocated to two linux servers (server A and B) Everything works fine except these servers cannot use shared storage at the same time. If I mount partitions /file systems on server A, server B can't use it but If I halt server A and reboot server B then it becomes available to server B. Oracle9i RAC requires concurrent access to SAN storage, i.e. serverA and serverB need concurrent access to San storage .

Does anyone know in general how to configure concurrent storage? How do we configure storage for HACMP (concurrent)? The storage is allocated from SAN as a shared storage ,is there any kind of SCSI lock in Linux ?

Two linux nodes Lq204 and LQ205 connected to MSA8000.

On LQ204

```
[root@usatl01lq204 root]# fdisk -l
```

```
Disk /dev/sda: 255 heads, 63 sectors, 17702 cylinders
```

```
Units = cylinders of 16065 * 512 bytes
```

```
Device Boot Start End Blocks Id System
```

```
/dev/sda1 1 4462 35840983+ 83 Linux
```

```
/dev/sda2 4463 8924 35841015 83 Linux
```

```
/dev/sda3 8925 14024 40965750 83 Linux
```

```
/dev/sda4 14025 17702 29543535 83 Linux
```

On node Lq205 :

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```
[root@usatl01lq205 c01]# fdisk -l
```

```
Unable to read /dev/sda
```

but on LQ205 the partions are available : (sda1,2,34)
but it says unable to read .

```
[root@usatl01lq205 proc]# cat partitions
major minor #blocks name rio rmerge rsect ruse wio
wmerge wsect wuse runni
ng use aveq
```

```
142194517 sda 33438 1170455 1203968 270600 32925 431
33356 9810 0 27
```

```
35840983 sda1 11032 387219 398263 90240 10951 0 10951
3380 0 93600
```

```
35841015 sda2 11377 398094 409483 89100 11042 431 11473
4140 0 9320
```

```
40965750 sda3 10996 385136 396144 91230 10932 0 10932
2290 0 93500
```

```
29543535 sda4 14 0 28 30 0 0 0 0 0 30 30
```

Thanks in advance
SD

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- application/octet-stream attachment: Rod Jenkins E-mail .vcf