Freed Acert Eldor HPC

Non-cluster HPC

Motherboard version	Processor	Cores	Hyperthreading on?	RAM	Hard Drive
Supermicro X8DTG-QF Bios v2.0c	Dual Intel Xeon X5680	24 (12 real, 12 hyperthreaded)	Yes	48GB	

check eldor hard raid card controller:

This RAID device is made of disks located in /dev/sg{0,1,2}.

Type smartclt command to check disk behind /dev/sda raid and got this: Device does not support Self Test logging.

We need reboot system to check hard drive status:

There are six 1TB Toshiba drives, hardware raid 6 and it has three partitions: / (15GB), home (1.8TB), backup (1.8TB)

There is one 1TB scratch scsi drive on /tmp

Maintenance records:

3/10/2016: Lulu: No errors detected on hard drive checks. There are some security updates available via YUM. FSCK run and no errors.

8/11/2016: Lulu: Too late to inform Michael for firmware update. There are no security updates available via YUM. Forced fsck, no errors found.

11/10/2016: Lulu: Michael did firmware update. There are no security updates available via YUM. No errors detected on hard drives. Backup root by ddimage.

  Motherboard BIOS upgraded from 2.0 to 2.0c - I thought Lulu did not have time to do fsck - meh26

2/5/2017: Lulu: There was power outrage on 2/4 Saturday. Power button starts work (power on) after many times' try. No firmware update from Michael. No errors on hard drives. Forced fsck.

5/10/2017: Lulu: No firmware update from Michael. No errors on hard drives. Forced fsck.

8/10/2017:Lulu: No errors on hard drives. Forced fsck. There are some security updates available via YUM.

We need check power button on next maintenance?

2/8/2018:Lulu: No errors on hard drives. Forced fsck. No security updates available via YUM.

5/10/2018:Lulu: No errors on hard drives. No security updates available via YUM.

8/9/2018:Lulu: No errors on hard drives. No security updates available via YUM. Forced fsck.

11/7/2018:Lulu: No errors on hard drives. No security updates available via YUM.

5/9/2019:Lulu: No errors on hard drives. No security updates available via YUM.

8/8/2019:Lulu: No errors on hard drives. No security updates available via YUM. Forced fsck.

11/15/2019:Lulu: Forced fsck to fix some errors.

2/13/2020:Lulu: No errors on hard drives. No security updates available via YUM.