

D4Science Infrastructure - Task #10729

Broken disk on dlib33x.dom0.research-infrastructures.eu

Dec 18, 2017 09:29 AM - Andrea Dell'Amico

<b>Status:</b>	Closed	<b>Start date:</b>	Dec 18, 2017
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Tommaso Piccioli	<b>% Done:</b>	100%
<b>Category:</b>	Other	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	No Sprint		
<b>Infrastructure:</b>	Development, Pre-Production, Production		
<b>Description</b>			
From the nagios check:			
CRITICAL: mdstat:[md3(931.39 GiB raid1):F:sdg1:_U, md2(931.39 GiB raid1):UU, md1(931.15 GiB raid1):UU, md0(242.81 MiB raid1):UU]			

History

#1 - Dec 18, 2017 09:40 AM - Tommaso Piccioli

- Status changed from New to In Progress
- % Done changed from 0 to 50

From the dmesg:

[Mon Dec 18 01:57:03 2017] sd 0:0:6:0: [sdg] Device not ready  
...  
[Mon Dec 18 01:57:03 2017] md/raid1:md3: Disk failure on sdg1, disabling device.  
...  
[Mon Dec 18 01:58:23 2017] sd 0:0:6:0: Attached scsi generic sg6 type 0  
[Mon Dec 18 01:58:23 2017] sd 0:0:6:0: [sdi] 1953525168 512-byte logical blocks: (1.00 TB/931 GiB)  
...  
[Mon Dec 18 01:58:23 2017] sdi: sdi1

The disk disappeared to the OS for a minute and appeared again as new.

I added a different disk to the raid (sdf1) that is in recovery/resync now, in the meantime I will check the old sdg (now sdi).

#2 - Dec 18, 2017 11:32 AM - Tommaso Piccioli

From the idrac log:

2017-12-18T01:55:05-0600 PDR3

Disk 6 in Backplane 1 of Integrated RAID Controller 1 is not functioning correctly.  
2017-12-18T01:55:05-0600 PDR87

Disk 6 in Backplane 1 of Integrated RAID Controller 1 was reset.  
2017-12-18T01:55:05-0600 PDR5

Disk 6 in Backplane 1 of Integrated RAID Controller 1 is removed.  
2017-12-18T01:55:40-0600 PDR8

Disk 6 in Backplane 1 of Integrated RAID Controller 1 is inserted.

Still checking the Disk 6 from the OS.

#3 - Dec 18, 2017 01:37 PM - Andrea Dell'Amico

That's worrisome, the omsa tools should have reported them to nagios. Or maybe the problem lasted too little time to be reported?

#4 - Dec 18, 2017 04:21 PM - Tommaso Piccioli

resync done, the disk sdi seems to be OK (2/3 tested)

**#5 - Dec 18, 2017 04:22 PM - Tommaso Piccioli**

- *Status changed from In Progress to Closed*

- *% Done changed from 50 to 100*