

History

(Oldest -> Newest)

May 8 @ 1:37 PM EST

Server has unscheduled downtime for unknown reason.

State is now: ERROR

State before: OK (was about 1 month)

May 8 @ 7:01 PM EST

Brian noticed that one of the HDDs in RAID has failed again and sends Maki an email.

Brian cannot confirm via SSH because of work and send a ticket until the following morning.

May 9 @ 1:24 AM EST

Maki learns that the server is down.

Maki also cannot confirm because server passwords were recently changed and his is outdated.

May 9 @ 1:52 AM EST

Maki sends host an email notifying them that the server is down because of HDD failure.

May 9 @ 1:58 AM EST

LARA (remote console) is connected to server.

May 9 @ 1:43 PM EST

Hetzner responds by asking to check/replace the HDD in 30 minutes.

May 9 @ 2:05 PM EST

Brian shuts down the server upon request by host.

May 9 @ 2:40 PM EST

Hetzner has finished checking both drives and reports that **both drives are faulty** and must be replaced.

-----%<-----

HDDTEST-W1F0ME41 ERROR Finished (Selftest, Device: sda); [09.05. 20:13 - 20:26h] Log 09.05.2013/20:13h

HDDTEST-W1F0DP03 ERROR Finished (Selftest, Device: sdb); [09.05. 20:13 - 20:22h] Log 09.05.2013/20:13h

-----%<-----

May 9 @ 3:08 PM EST

First HDD (W1F0DP03) is replaced and booted with installed OS.

Rebuilding RAID on new HDD commences; **ETA 24 hours** (normally 6~ but we turned on rAthena).

rAthena is back online for a bit.

May 10 @ 7:29 PM EST

Rebuilding/Resync of RAID failed.

Host recommends to rebuild RAID while server stays in rescue mode; **ETA 6 hours**.

Rebuilding RAID commences for second time.

May 11 @ 1:05 PM EST

Rebuilding/Resync of RAID fails again.

Hetzner responds by asking to check the drives again.

May 11 @ 3:10 PM EST

Hetzner has finished checking the drives and reports that the rebuild failed because of the second HDD (and we tried to rebuild from it).

```
-----%<-----  
HDDTEST-Z1F1Q26P    OK    Finished (Mode: short, Device: sdb); [11.05. 19:53 -  
20:57h]    Log    11.05.2013/19:53h  
HDDTEST-W1F0ME41    ERROR Finished (Selftest, Device: sda); [11.05. 19:53 -  
20:47h]    Log    11.05.2013/19:53h  
-----%<-----
```

May 13 @ 10:01 AM EST

Hetzner replaced the broken drive(W1F0ME41) and changed the ports of the sata cables.

Server does not boot at all, only in rescue mode.

May 14 @ 11 AM EST

Hetzner temporarily reconnects one of the old drives.

May 14 @ 3 PM EST

HDD is not reallocating bad sectors to their reserved space.

Brian begins to force-reallocate those bad sectors.

May 18 @ 8:36 PM

Unable to resync RAID over the past few days.

'mdadm' gets read I/O errors when it tries to read those bad sectors.

'mdadm' can't resync RAID to the new HDD.

'hdparm --write-sector' has been tried multiple times (forces bad sectors to reallocate), but when RAID tries to resync there are new bad sectors.

Did you know?

yC sounds like a canadian goat.

