

Admins - Anomalie #4254

Alertes RAID sur virola

09/02/2020 23:13 - Christian P. Momon

Statut:	Fermé	Début:	09/02/2020
Priorité:	Urgente	Echéance:	
Assigné à:	Christian P. Momon	% réalisé:	0%
Catégorie:		Temps estimé:	0.00 heure
Version cible:	Février 2020	Temps passé:	0.00 heure
Difficulté:	2 Facile		

Description

Icinga remonte les deux alertes suivantes :

RAID 1st sunday during resync

Active checks are being scheduled as normal - passive checks are disabled

```
WARNING 2020-02-09 23:07:26 0d 2h 16m 15s 4/4 WARNING: mdstat:[md0(1.79 TiB ra
id1):UU (resync:10.7% 34803K/sec ETA: 820.9min)]
```

RAID all days without resync

Active checks are being scheduled as normal - passive checks are disabled

```
WARNING 2020-02-09 23:07:26 0d 2h 15m 14s 4/4 WARNING: mdstat:[md0(1.79 TiB ra
id1):UU (resync:10.7% 34807K/sec ETA: 820.8min)]
```

Historique

#1 - 09/02/2020 23:27 - Christian P. Momon

Mais pourquoi ?

```
(April) root@virola:/var/log# cat /proc/mdstat
Personalities : [raid1] [linear] [multipath] [raid0] [raid6] [raid5] [raid4] [raid10]
md0 : active raid1 sdb1[1] sda1[0]
      1920618880 blocks [2/2] [UU]
      [=>.....] resync = 12.1% (232842880/1920618880) finish=1260.4min speed=22316K/sec
```

unused devices: <none>

```
(April) root@virola:/var/log# mdadm --detail /dev/md0
/dev/md0:
```

```
Version : 0.90
Creation Time : Mon Mar 7 16:02:57 2016
Raid Level : raid1
Array Size : 1920618880 (1831.64 GiB 1966.71 GB)
Used Dev Size : 1920618880 (1831.64 GiB 1966.71 GB)
Raid Devices : 2
Total Devices : 2
Preferred Minor : 0
Persistence : Superblock is persistent
```

```
Update Time : Sun Feb 9 22:26:00 2020
State : active, resyncing
Active Devices : 2
Working Devices : 2
Failed Devices : 0
Spare Devices : 0
```

Consistency Policy : resync

Resync Status : 12% complete

```
UUID : 3ed83f38:2f77c02f:848f0d91:5dd9f907
Events : 0.47417
```

Number	Major	Minor	RaidDevice	State
0	8	1	0	active sync /dev/sda1

#2 - 09/02/2020 23:44 - Christian P. Momon

Le boot :

```

Feb  9 19:02:12 virola kernel: [ 2.147742] ata2.00: ATA-8: TOSHIBA MG03ACA200, FL1D, max UDMA/100
Feb  9 19:02:12 virola kernel: [ 2.147747] ata2.00: 3907029168 sectors, multi 16: LBA48 NCQ (depth 32), AA
Feb  9 19:02:12 virola kernel: [ 2.149638] ata2.00: configured for UDMA/100
Feb  9 19:02:12 virola kernel: [ 2.149939] scsi 1:0:0:0: Direct-Access ATA TOSHIBA MG03ACA2 FL1D P
Q: 0 ANSI: 5
Feb  9 19:02:12 virola kernel: [ 2.369520] usb 2-9.1: new high-speed USB device number 3 using xhci_hcd
Feb  9 19:02:12 virola kernel: [ 2.465918] ata6: SATA link down (SStatus 0 SControl 300)
Feb  9 19:02:12 virola kernel: [ 2.476104] sd 0:0:0:0: [sda] 3907029168 512-byte logical blocks: (2.00 TB/1
.82 TiB)
Feb  9 19:02:12 virola kernel: [ 2.476110] sd 0:0:0:0: [sda] Write Protect is off
Feb  9 19:02:12 virola kernel: [ 2.476120] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doe
sn't support DPO or FUA
Feb  9 19:02:12 virola kernel: [ 2.476154] sd 1:0:0:0: [sdb] 3907029168 512-byte logical blocks: (2.00 TB/1
.82 TiB)
Feb  9 19:02:12 virola kernel: [ 2.476161] sd 1:0:0:0: [sdb] Write Protect is off
Feb  9 19:02:12 virola kernel: [ 2.476173] sd 1:0:0:0: [sdb] Write cache: enabled, read cache: enabled, doe
sn't support DPO or FUA
Feb  9 19:02:12 virola kernel: [ 2.487685] sdb: sdb1
Feb  9 19:02:12 virola kernel: [ 2.488047] sd 1:0:0:0: [sdb] Attached SCSI disk
Feb  9 19:02:12 virola kernel: [ 2.499036] usb 2-9.1: New USB device found, idVendor=0624, idProduct=0249,
bcdDevice= 0.00
Feb  9 19:02:12 virola kernel: [ 2.499039] usb 2-9.1: New USB device strings: Mfr=4, Product=5, SerialNumbe
r=6
Feb  9 19:02:12 virola kernel: [ 2.499041] usb 2-9.1: Product: Keyboard/Mouse Function
Feb  9 19:02:12 virola kernel: [ 2.499042] usb 2-9.1: Manufacturer: Avocent
Feb  9 19:02:12 virola kernel: [ 2.499044] usb 2-9.1: SerialNumber: 20121018
Feb  9 19:02:12 virola kernel: [ 2.509618] hidraw: raw HID events driver (C) Jiri Kosina
Feb  9 19:02:12 virola kernel: [ 2.514290] usbcore: registered new interface driver usbhid
Feb  9 19:02:12 virola kernel: [ 2.514290] usbhid: USB HID core driver
Feb  9 19:02:12 virola kernel: [ 2.515086] input: Avocent Keyboard/Mouse Function as /devices/pci0000:00/00
00:00:14.0/usb2/2-9/2-9.1/2-9.1:1.0/0003:0624:0249.0001/input/input0
Feb  9 19:02:12 virola kernel: [ 2.573721] hid-generic 0003:0624:0249.0001: input,hidraw0: USB HID v1.00 Ke
yboard [Avocent Keyboard/Mouse Function] on usb-0000:00:14.0-9.1/input0
Feb  9 19:02:12 virola kernel: [ 2.573895] input: Avocent Keyboard/Mouse Function as /devices/pci0000:00/00
00:00:14.0/usb2/2-9/2-9.1/2-9.1:1.1/0003:0624:0249.0002/input/input1
Feb  9 19:02:12 virola kernel: [ 2.573981] hid-generic 0003:0624:0249.0002: input,hidraw1: USB HID v1.00 Mo
use [Avocent Keyboard/Mouse Function] on usb-0000:00:14.0-9.1/input1
Feb  9 19:02:12 virola kernel: [ 2.574117] input: Avocent Keyboard/Mouse Function as /devices/pci0000:00/00
00:00:14.0/usb2/2-9/2-9.1/2-9.1:1.2/0003:0624:0249.0003/input/input2
Feb  9 19:02:12 virola kernel: [ 2.574204] hid-generic 0003:0624:0249.0003: input,hidraw2: USB HID v1.00 Mo
use [Avocent Keyboard/Mouse Function] on usb-0000:00:14.0-9.1/input2
Feb  9 19:02:12 virola kernel: [ 2.657634] sda: sda1
Feb  9 19:02:12 virola kernel: [ 2.658168] sd 0:0:0:0: [sda] Attached SCSI disk
Feb  9 19:02:12 virola kernel: [ 2.787590] md/raid1:md0: not clean -- starting background reconstruction
Feb  9 19:02:12 virola kernel: [ 2.787591] md/raid1:md0: active with 2 out of 2 mirrors
Feb  9 19:02:12 virola kernel: [ 2.787600] md0: detected capacity change from 0 to 1966713733120
Feb  9 19:02:12 virola kernel: [ 2.925417] raid6: sse2x1 gen() 13333 MB/s
Feb  9 19:02:12 virola kernel: [ 2.993403] raid6: sse2x1 xor() 9392 MB/s
Feb  9 19:02:12 virola kernel: [ 3.061414] raid6: sse2x2 gen() 15486 MB/s
Feb  9 19:02:12 virola kernel: [ 3.129416] raid6: sse2x2 xor() 10306 MB/s
Feb  9 19:02:12 virola kernel: [ 3.197404] raid6: sse2x4 gen() 18777 MB/s
Feb  9 19:02:12 virola kernel: [ 3.265404] raid6: sse2x4 xor() 11595 MB/s
Feb  9 19:02:12 virola kernel: [ 3.333402] raid6: avx2x1 gen() 25975 MB/s
Feb  9 19:02:12 virola kernel: [ 3.401402] raid6: avx2x1 xor() 17639 MB/s
Feb  9 19:02:12 virola kernel: [ 3.469403] raid6: avx2x2 gen() 29472 MB/s
Feb  9 19:02:12 virola kernel: [ 3.537402] raid6: avx2x2 xor() 18631 MB/s
Feb  9 19:02:12 virola kernel: [ 3.605402] raid6: avx2x4 gen() 34131 MB/s
Feb  9 19:02:12 virola kernel: [ 3.673401] raid6: avx2x4 xor() 21595 MB/s
Feb  9 19:02:12 virola kernel: [ 3.673402] raid6: using algorithm avx2x4 gen() 34131 MB/s
Feb  9 19:02:12 virola kernel: [ 3.673402] raid6: ... xor() 21595 MB/s, rmw enabled
Feb  9 19:02:12 virola kernel: [ 3.673403] raid6: using avx2x2 recovery algorithm
Feb  9 19:02:12 virola kernel: [ 3.674190] xor: automatically using best checksumming function avx
Feb  9 19:02:12 virola kernel: [ 3.674625] async_tx: api initialized (async)
Feb  9 19:02:12 virola kernel: [ 3.707536] device-mapper: uevent: version 1.0.3
Feb  9 19:02:12 virola kernel: [ 3.707601] device-mapper: ioctl: 4.39.0-ioctl (2018-04-03) initialised: dm-
devel@redhat.com
Feb  9 19:02:12 virola kernel: [ 4.280523] md: resync of RAID array md0
Feb  9 19:02:12 virola kernel: [ 4.448908] EXT4-fs (dm-0): mounted filesystem with ordered data mode. Opts:

```

(null)

Feb 9 19:02:12 virola kernel: [62.996028] EXT4-fs (dm-0): re-mounted. Opts: errors=remount-ro

#3 - 10/02/2020 09:35 - Quentin Gibeaux

Rien de spécial dans les données smart :

/dev/sdb :

SMART Attributes Data Structure revision number: 16

Vendor Specific SMART Attributes with Thresholds:

ID#	ATTRIBUTE_NAME	FLAG	VALUE	WORST	THRESH	TYPE	UPDATED	WHEN_FAILED	RAW_VALUE
1	Raw_Read_Error_Rate	0x000b	100	100	050	Pre-fail	Always	-	0
2	Throughput_Performance	0x0004	100	100	000	Old_age	Offline	-	0
3	Spin_Up_Time	0x0027	100	100	001	Pre-fail	Always	-	6251
4	Start_Stop_Count	0x0032	100	100	000	Old_age	Always	-	15
5	Reallocated_Sector_Ct	0x0033	100	100	050	Pre-fail	Always	-	0
7	Seek_Error_Rate	0x000a	100	100	000	Old_age	Always	-	0
8	Seek_Time_Performance	0x0004	100	100	000	Old_age	Offline	-	0
9	Power_On_Hours	0x0032	001	001	000	Old_age	Always	-	40260
10	Spin_Retry_Count	0x0032	100	100	000	Old_age	Always	-	0
12	Power_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	7
192	Power-Off_Retract_Count	0x0032	100	100	000	Old_age	Always	-	4
193	Load_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	243
194	Temperature_Celsius	0x0022	100	100	000	Old_age	Always	-	35 (Min/Max 20/38)
196	Reallocated_Event_Count	0x0032	100	100	000	Old_age	Always	-	0
198	Offline_Uncorrectable	0x0030	100	100	000	Old_age	Offline	-	0
199	UDMA_CRC_Error_Count	0x0032	200	200	000	Old_age	Always	-	0
241	Total_LBAs_Written	0x0032	100	100	000	Old_age	Always	-	327674860307
242	Total_LBAs_Read	0x0032	100	100	000	Old_age	Always	-	218450628875

/dev/sda

SMART Attributes Data Structure revision number: 16

Vendor Specific SMART Attributes with Thresholds:

ID#	ATTRIBUTE_NAME	FLAG	VALUE	WORST	THRESH	TYPE	UPDATED	WHEN_FAILED	RAW_VALUE
1	Raw_Read_Error_Rate	0x000b	100	100	050	Pre-fail	Always	-	0
2	Throughput_Performance	0x0004	100	100	000	Old_age	Offline	-	0
3	Spin_Up_Time	0x0027	100	100	001	Pre-fail	Always	-	11252
4	Start_Stop_Count	0x0032	100	100	000	Old_age	Always	-	15
5	Reallocated_Sector_Ct	0x0033	100	100	050	Pre-fail	Always	-	0
7	Seek_Error_Rate	0x000a	100	100	000	Old_age	Always	-	0
8	Seek_Time_Performance	0x0004	100	100	000	Old_age	Offline	-	0
9	Power_On_Hours	0x0032	001	001	000	Old_age	Always	-	40271
10	Spin_Retry_Count	0x0032	100	100	000	Old_age	Always	-	0
12	Power_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	7
192	Power-Off_Retract_Count	0x0032	100	100	000	Old_age	Always	-	4
193	Load_Cycle_Count	0x0032	100	100	000	Old_age	Always	-	237
194	Temperature_Celsius	0x0022	100	100	000	Old_age	Always	-	38 (Min/Max 20/41)
196	Reallocated_Event_Count	0x0032	100	100	000	Old_age	Always	-	0
198	Offline_Uncorrectable	0x0030	100	100	000	Old_age	Offline	-	0
199	UDMA_CRC_Error_Count	0x0032	200	200	000	Old_age	Always	-	0
241	Total_LBAs_Written	0x0032	100	100	000	Old_age	Always	-	314816304858
242	Total_LBAs_Read	0x0032	100	100	000	Old_age	Always	-	319256236691

#4 - 10/02/2020 11:47 - Christian P. Momon

- Assigné à mis à Christian P. Momon

Avancement :

Personalities : [raid1] [linear] [multipath] [raid0] [raid6] [raid5] [raid4] [raid10]

md0 : active raid1 sdb1[1] sda1[0]

1920618880 blocks [2/2] [UU]

[=====>.....] resync = 52.8% (1014439296/1920618880) finish=1442.1min speed=10472K/sec

#5 - 11/02/2020 04:22 - Christian P. Momon

- Statut changé de Nouveau à Résolu

Fin du resync :

```
(April) root@virola:~# date ; cat /proc/mdstat
Tue 11 Feb 2020 03:19:07 AM UTC
Personalities : [raid1] [linear] [multipath] [raid0] [raid6] [raid5] [raid4] [raid10]
md0 : active raid1 sdb1[1] sda1[0]
      1920618880 blocks [2/2] [UU]
```

Tout étant rentré dans l'ordre et puisque pas d'explication supplémentaire du phénomène, passage du ticket à résolu.

#6 - 26/02/2020 21:22 - Quentin Gibeaux

- Statut changé de Résolu à Fermé