Subject: openvz - server hangs up

Posted by syndrom on Sun, 08 Mar 2015 20:37:19 GMT

View Forum Message <> Reply to Message

I have problem with some servers. Sometimes server hangs up and in kernel log I couldn't find any kernel panic or others information about problem.

Below could be found spec:

OS: Debian 7.8

Kernel: 2.6.32-openvz-042stab105.6-amd64 CPU: Intel(R) Core(TM) i7-4770 CPU @ 3.40GHz

I've checked and that it isn't connected with CPU, because I've observed similar problem on other CPU:

Intel(R) Xeon(R) CPU E3-1246 v3 @ 3.50GHz

What should I check? I have zabbix monitoring on every problematic server and from graph it is ok for me (any cpu jumps, any ram jumps, etc)

In kern.log sometimes could be observed:

@Mar 8 18:32:21 gs92 kernel: imklog 5.8.11, log source = /proc/kmsg started.

I forgot mention that while server is not responding, ping works but other service (ssh, apache, mysql) don't

Subject: Re: openvz - server hangs up

Posted by syndrom on Wed, 18 Mar 2015 08:45:31 GMT

View Forum Message <> Reply to Message

When server hangs up I cannot login via console also, please see attachment what is visible on screen:

// because I haven't yet accessed to share with links, so please correct link below:

http://i.imgur.com/JDyGksq.jpg

Subject: Re: openvz - server hangs up

Posted by Paparaciz on Thu, 19 Mar 2015 20:27:39 GMT

View Forum Message <> Reply to Message

Hi,

I recommend to check if there is no problem with storage.

please provide all the details how storage is provided for servers.

Subject: Re: openvz - server hangs up

Posted by syndrom on Thu, 19 Mar 2015 20:47:32 GMT

View Forum Message <> Reply to Message

Disk controller:

00:1f.2 SATA controller: Intel Corporation C600/X79 series chipset 6-Port SATA AHCI Controller (rev 06)

Disks organized as software RAID:

cat /proc/mdstat Personalities : [raid1]

md2: active raid1 sda2[0] sdc2[2] sdb2[1]

135282624 blocks [3/3] [UUU]

md1: active raid1 sda1[0] sdc1[2] sdb1[1]

20478912 blocks [3/3] [UUU]

unused devices: <none>

Usage:

Filesystem Size Used Avail Use% Mounted on

 udev
 10M
 0
 10M
 0% /dev

 tmpfs
 13G
 644K
 13G
 1% /run

 /dev/md1
 20G
 1.8G
 17G
 10% /

 tmpfs
 5.0M
 0
 5.0M
 0% /run/lock

 tmpfs
 26G
 0
 26G
 0% /dev/shm

 /dev/md2
 127G
 90G
 31G
 75% /home

Disks:

=== START OF INFORMATION SECTION ===
Device Model: INTEL SSDSC2BB160G4
Serial Number: PHWL44560301160MGN
LU WWN Device Id: 5 5cd2e4 04c43c174

Firmware Version: D2010370

User Capacity: 160,041,885,696 bytes [160 GB] Sector Sizes: 512 bytes logical, 4096 bytes physical Device is: Not in smartctl database [for details use: -P showall]

ATA Version is: 8

ATA Standard is: ACS-2 revision 3

Local Time is: Thu Mar 19 21:45:47 2015 CET

SMART support is: Available - device has SMART capability.

SMART support is: Enabled

=== START OF INFORMATION SECTION ===
Device Model: INTEL SSDSC2BB160G4
Serial Number: PHWL4456039W160MGN
LU WWN Device Id: 5 5cd2e4 04c43c1fe

Firmware Version: D2010370

User Capacity: 160,041,885,696 bytes [160 GB] Sector Sizes: 512 bytes logical, 4096 bytes physical

Device is: Not in smartctl database [for details use: -P showall]

ATA Version is: 8

ATA Standard is: ACS-2 revision 3

Local Time is: Thu Mar 19 21:45:50 2015 CET

SMART support is: Available - device has SMART capability.

SMART support is: Enabled

=== START OF INFORMATION SECTION ===
Device Model: INTEL SSDSC2BB160G4
Serial Number: PHWL44560391160MGN
LU WWN Device Id: 5 5cd2e4 04c43c1e1

Firmware Version: D2010370

User Capacity: 160,041,885,696 bytes [160 GB] Sector Sizes: 512 bytes logical, 4096 bytes physical

Device is: Not in smartctl database [for details use: -P showall]

ATA Version is: 8

ATA Standard is: ACS-2 revision 3

Local Time is: Thu Mar 19 21:47:16 2015 CET

SMART support is: Available - device has SMART capability.

SMART support is: Enabled

Subject: Re: openvz - server hangs up

Posted by Paparaciz on Fri, 20 Mar 2015 18:41:53 GMT

View Forum Message <> Reply to Message

so have you checked is it working fine? what is the load on disks? where containers are created? in /home?

you have to investigate and find if there is a problem in server. if not then submit a bug report.

Subject: Re: openvz - server hangs up Posted by syndrom on Fri, 27 Mar 2015 21:30:27 GMT

View Forum Message <> Reply to Message

What should I have checked? I have no idea. That problem is connected with many type of servers.

Load of disk is it ok in the moment when server hangs up, please see graph: http://oi59.tinypic.com/358t3k5.jpg

vz containers is created on /home part:
Is -I /var/lib/vz
Irwxrwxrwx 1 root root 8 Mar 26 09:28 /var/lib/vz -> /home/vz

I've tried many methods and I can't find solutions on that problem