
Subject: How to discover which user causing high load?

Posted by [postcd](#) on Wed, 18 Sep 2013 18:13:35 GMT

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Hello, please how to discover in linux RHEL, OpenVZ node command line which user causing high mysql (for example) load?

I have virtual machines on this OpenVZ node.

Subject: Re: How to discover which user causing high load?

Posted by [votsalo](#) on Fri, 20 Sep 2013 09:38:29 GMT

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perhaps you can use a script like this:

```
for ctid in `vzlist -1`  
do  
  echo $ctid` vzctl exec $ctid uptime`  
done
```

Subject: Re: How to discover which user causing high load?

Posted by [postcd](#) on Sun, 22 Sep 2013 11:13:00 GMT

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votsalo wrote on Fri, 20 September 2013 11:38perhaps you can use a script like this:

```
for ctid in `vzlist -1`  
do  
  echo $ctid` vzctl exec $ctid uptime`  
done
```

Thx, this script returns list of VMs and their load, uptime like:

320 07:08:34 up 1 day, 45 min, 0 users, load average: 0.12, 0.04, 0.01

330 07:08:34 up 27 days, 50 min, 0 users, load average: 0.21, 0.08, 0.04

The load average is for the VM assigned cpu or for entire node server? But there i dont see the mysql process usage for VMs

Subject: Re: How to discover which user causing high load?

Posted by [Ales](#) on Sun, 22 Sep 2013 12:24:42 GMT

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Once you've established wich VM is the culprit for the high load, you can use one of the standard approaches to find out what's causing the load within the VM.

This isn't anything openvz specific, just investigate like you would on a real HW server.

Subject: Re: How to discover which user causing high load?

Posted by [votsalo](#) on Sun, 22 Sep 2013 12:33:56 GMT

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postcd wrote on Sun, 22 September 2013 14:13 But there i dont see the mysql process usage for VMs Then, this is no longer an openvz question. Using the script I gave you, you can tell which CT has high load. Once you know that, you can run a linux command in that CT to find out which process consumes the CPU. For example:

```
vzctl exec 320 top -b -n 1 | head -20
```

Or: `vzctl exec 320 top -b -n 1 | grep mysql`

Also note that all container processes are also HN processes.

So this command on the HN will tell you something about all the mysql processes:

```
ps -ef | grep mysql
```

Subject: Re: How to discover which user causing high load?

Posted by [TOCICI](#) on Mon, 23 Sep 2013 16:46:17 GMT

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postcd wrote on Wed, 18 September 2013 11:13 Hello, please how to discover in linux RHEL, OpenVZ node command line which user causing high mysql (for example) load? I have virtual machines on this OpenVZ node.

The following command will list load average details for all containers on a host:

```
vzlist -o ctid,laverage
```

Subject: Re: How to discover which user causing high load?

Posted by [jakob](#) on Tue, 29 Oct 2013 22:40:17 GMT

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Wow, that command rocks, thanks TOCICI! vzlist is extremely powerful, look at vzlist -L.
