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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.

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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
```

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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

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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.

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

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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
```

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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
```

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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.

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