
Subject: Simple OpenVZ load average aggregation script
Posted by [Steven Crothers](#) on Mon, 05 Mar 2012 23:20:30 GMT
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I needed something to show me load averages of each individual VE quickly.

Figured I would share it with the community in case someone else was looking for similar functionality.

<https://gist.github.com/1981920>

Disclaimer: Yes, I'm aware I probably don't follow bash best practices, however I don't really care since its under 50 lines anyway :)

--
Steven Crothers
steven.crothers@gmail.com

Subject: Re: Simple OpenVZ load average aggregation script
Posted by [kir](#) on Mon, 05 Mar 2012 23:43:17 GMT
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If I am not mistaken (can't check right now), vzlist have a field for that.
On Mar 6, 2012 3:27 AM, "Steven Crothers" <steven.crothers@gmail.com> wrote:

> I needed something to show me load averages of each individual VE quickly.
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> Figured I would share it with the community in case someone else was
> looking for similar functionality.
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> steven.crothers@gmail.com
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Subject: Re: Simple OpenVZ load average aggregation script
Posted by [Martynas Venckus](#) on Mon, 05 Mar 2012 23:52:32 GMT
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vzlist -o veid,hostname,laverage

On 3/6/12, Kir Kolyshkin <kir@openvz.org> wrote:

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Subject: Re: Simple OpenVZ load average aggregation script
Posted by [Steven Crothers](#) on Tue, 06 Mar 2012 00:03:19 GMT
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Also, as a side note, I'm really really good at reading man pages.

(What I really mean is I'm not)

Thanks guys!

PS: Mine has color :P

On Mon, Mar 5, 2012 at 6:52 PM, Martynas Venckus <martynas@venck.us> wrote:

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> >> Steven Crothers
> >> steven.crothers@gmail.com
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Steven Crothers
steven.crothers@gmail.com

Subject: Re: Simple OpenVZ load average aggregation script
Posted by [Drago](#) on Tue, 06 Mar 2012 00:21:16 GMT
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Some fixes to work better :

```
#!/bin/bash
```

```
NO_HEADER=0
NO_COLOR=0
while getopts "hHC" OPTION; do
    case $OPTION in
        h)
            echo "usage $0 options"
            echo "OPTIONS:"
            echo " -h  Show this help message"
            echo " -H  Disable the header"
            echo " -C  Disable colors"
            exit 1
            ;;
        H)
            NO_HEADER=1
            ;;
        C)
            NO_COLOR=1
            ;;
    esac
done

if [ $NO_HEADER -eq 0 ]; then
```

```

    printf "%-15s %-20s %-15s %-9s %s\r\n" "VEID" "Hostname"
"Load: 1min" "5min" "15min"
fi
for VEID in `vzlist -H -octid`; do
    source /etc/vz/conf/$VEID.conf
    #LOADTOTAL=$(cat /vz/root/$VEID/proc/loadavg | awk '{print
$1,$2,$3}')
    LOADTOTAL=$(vzctl exec 312 cat /proc/loadavg | awk '{print
$1,$2,$3}')
    LOAD_1MIN=$(echo $LOADTOTAL | awk '{print $1}')
    LOAD_5MIN=$(echo $LOADTOTAL | awk '{print $2}')
    LOAD_15MIN=$(echo $LOADTOTAL | awk '{print $3}')
    LOAD=${LOAD_1MIN/. *}
    [ ${#HOSTNAME} -gt 20 ] && HOSTNAME="${HOSTNAME:0:17}..."
    if [ $NO_COLOR -eq 0 ]; then
        [ $LOAD -lt 3 ] && COLOR="\033[1;32m"
        [ $LOAD -ge 3 ] && COLOR="\033[1;33m"
        [ $LOAD -ge 7 ] && COLOR="\033[1;31m"
    fi
    printf "$COLOR %-15s %-20s %10s %9s %10s\033[0m\r\n" $VEID
$HOSTNAME $LOAD_1MIN $LOAD_5MIN $LOAD_15MIN
done

```

On 6.03.2012 02:03, Steven Crothers wrote:

> Also, as a side note, I'm really really good at reading man pages.

>

> (What I really mean is I'm not)

>

> Thanks guys!

>

> PS: Mine has color :P

>

> On Mon, Mar 5, 2012 at 6:52 PM, Martynas Venckus <martynas@venck.us

> <mailto:martynas@venck.us>> wrote:

>

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>

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> >>
> >>
> >> _____
> >> Users mailing list
> >> Users@openvz.org <<mailto:Users@openvz.org>>
> >> <https://openvz.org/mailman/listinfo/users>
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> Steven Crothers
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> --
Dragomir Zhelev
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Cellular: +359 895 66 99 79
E-mail: drago@delta.bg
Web: Delta.BG
<<http://delta.bg>>

Subject: Re: Simple OpenVZ load average aggregation script
Posted by [Martin Dobrev](#) on Tue, 06 Mar 2012 08:42:05 GMT
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And so we'll see the load avg for VEID 312 as many times as your VPS count is. Replace please 312 with \$VEID.

Martin Dobrev

Sent from iPhonespam SPAMSPAM 4

On 06.03.2012, at 02:21, Dragomir Zhelev <drago@delta.bg> wrote:

```
>
> Some fixes to work better :
>
> #!/bin/bash
>
> NO_HEADER=0
> NO_COLOR=0
> while getopts "hHC" OPTION; do
>     case $OPTION in
>         h)
>             echo "usage $0 options"
>             echo "OPTIONS:"
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>             ;;
>         H)
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>             NO_COLOR=1
>             ;;
>     esac
> done
>
> if [ $NO_HEADER -eq 0 ]; then
>     printf " %-15s %-20s %-15s %-9s %s\r\n" "VEID" "Hostname" "Load: 1min" "5min" "15min"
> fi
> for VEID in `vzlist -H -octid`; do
>     source /etc/vz/conf/$VEID.conf
>     #LOADTOTAL=$(cat /vz/root/$VEID/proc/loadavg | awk '{print $1,$2,$3}')
>     LOADTOTAL=$(vzctl exec 312 cat /proc/loadavg | awk '{print $1,$2,$3}')
>     LOAD_1MIN=$(echo $LOADTOTAL | awk '{print $1}')
>     LOAD_5MIN=$(echo $LOADTOTAL | awk '{print $2}')
>     LOAD_15MIN=$(echo $LOADTOTAL | awk '{print $3}')
```

```

> LOAD=${LOAD_1MIN/. *}
> [ ${#HOSTNAME} -gt 20 ] && HOSTNAME="${HOSTNAME:0:17}..."
> if [ $NO_COLOR -eq 0 ]; then
>     [ $LOAD -lt 3 ] && COLOR="\033[1;32m"
>     [ $LOAD -ge 3 ] && COLOR="\033[1;33m"
>     [ $LOAD -ge 7 ] && COLOR="\033[1;31m"
> fi
> printf "$COLOR %-15s %-20s %10s %9s %10s\033[0m\r\n" $VEID $HOSTNAME
$LOAD_1MIN $LOAD_5MIN $LOAD_15MIN
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>> --
>> Steven Crothers

```

>> steven.crothers@gmail.com
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> <logo.png>
