# Subject: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Mon, 18 Feb 2008 11:38:22 GMT

View Forum Message <> Reply to Message

Dear All

I just finished developing WebVZ as I called it. It manages OpenVZ and the VEs

This tool lets you do the following:

- 1. Start, Stop, Restart, and Destroy Virtual Environments (VE)
- 2. Start, Stop, and Restart VZ service
- 3. Execute Commands inside the running VE and display the output on the same page.
- 4. Change the configuration of the VE.
- 5. Create VE.
- 6. list the stopped VE, the running VE and/or all of them.

I requested a space from sourceforge and I am waiting there reply. In order to run it you need Ruby on Rails.

the followings are some screenshots from my computer.

It is running on Centos5, I did not try it on other distros.

Basically this version does the same as EasyVS except it is web. And I made it more friendly in terms of error handlings. Next versions will have more interesting features such as migration and checking the configurations and many more.

Sorry for the colours, I am not good at colorings.

I welcome any comment, criticism, correction, question, etc.

Screenshots are here http://webvz.sourceforge.net/screenshots.html Regards Shuaib Zahda

Subject: Re: WebVZ OpenVZ Management Tool

Posted by maratrus on Mon, 18 Feb 2008 13:11:04 GMT

View Forum Message <> Reply to Message

Hi,

I think it is useful for you and your project http://wiki.openvz.org/Control\_panels

Subject: Re: WebVZ OpenVZ Management Tool Posted by HostVPS on Mon, 18 Feb 2008 14:26:21 GMT

View Forum Message <> Reply to Message

Hi Shuaib,

Great work! I look forward to seeing your project on SourceForge and providing some feedback on the project after I get a chance to try out WebVZ on one of our dev servers.

Regards,

Les

Subject: Re: WebVZ OpenVZ Management Tool Posted by SoftDux on Thu, 20 Mar 2008 17:32:05 GMT

View Forum Message <> Reply to Message

Is this project dead? I see all the screen shots have been deleted?

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Fri, 21 Mar 2008 02:48:11 GMT

View Forum Message <> Reply to Message

Dear

The project is not dead and the next version is coming soon with new features

the screenshots are here

http://webvz.sourceforge.net/screenshots.html

thanks

Subject: Re: WebVZ OpenVZ Management Tool

Posted by SoftDux on Fri, 21 Mar 2008 06:41:05 GMT

View Forum Message <> Reply to Message

Thanx

Subject: Re: WebVZ OpenVZ Management Tool Posted by aTan on Fri, 28 Mar 2008 09:53:15 GMT

Hi, I'm getting this error on every page: The kernel does not support OpenVZ.

OpenVZ kernel from git, Gentoo amd64 HN.

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Fri, 28 Mar 2008 11:33:03 GMT

View Forum Message <> Reply to Message

Hello,

I did not test WebVZ on Gentoo.

if you recieve this messege it means your kernel is not openvz kernel.

Basically when you execute uname -r. in the output you are supposed to see the word "stab". If this word does not exist. WebVZ issues this error.

**Thanks** 

Subject: Re: WebVZ OpenVZ Management Tool Posted by aTan on Fri, 28 Mar 2008 11:39:33 GMT

View Forum Message <> Reply to Message

It's bad, because I use git version: uname -r 2.6.24-qc6504c8d-dirty

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Fri, 28 Mar 2008 13:16:51 GMT

View Forum Message <> Reply to Message

Well, I will need to handle that in the coming version.

Basically, I am not pretty sure about all the versions of openvz. so if someone call list them down, that will be great.

Subject: Re: WebVZ OpenVZ Management Tool

View Forum Message <> Reply to Message

I have fixed this problem. How can I send it to you. can you send me your email address.

Subject: Re: WebVZ OpenVZ Management Tool Posted by dahas on Tue, 15 Apr 2008 17:11:11 GMT

View Forum Message <> Reply to Message

I need that fix too

Im using Git compiled version of kernel too.

At uname -r i get this

2.6.24-core2

That I wish to name my kernel i guess must me another way to find if the kernlel is openvz compatible or not like looking in /proc/config.gz on modern kernel version you can find the setting for OpenVZ specific kernel.

**Thanks** 

P.S if is a patch you can atach to this post only if his size not past 2Mb

Subject: Re: WebVZ OpenVZ Management Tool Posted by curx on Tue, 15 Apr 2008 17:37:01 GMT

View Forum Message <> Reply to Message

@shuaib85:

check if /proc/vz/ exist, if yes then a OpenVZ Kernel is running

use the /proc/vz/version, to determine which OpenVZ Version is booted.

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Wed, 16 Apr 2008 03:46:47 GMT

View Forum Message <> Reply to Message

#### Dear

I have fixed this problem and i have released webvz 1.5 which has the fix. Moreover, WebVZ 1.5 has login module the user name is admin and the password is admin123 I advise you to add another user for security.

just download the new release and it will work fine.

http://webvz.sourceforge.net/download.html

I wish this solved your problem

Subject: Re: WebVZ OpenVZ Management Tool

Posted by SoftDux on Thu, 17 Apr 2008 10:15:53 GMT

View Forum Message <> Reply to Message

hey, this is a nice control panel.

How do I let it auto start when the server reboots? And how do I map it to a domain name, and not the IP?

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Fri, 18 Apr 2008 04:30:55 GMT

View Forum Message <> Reply to Message

SoftDux wrote on Thu, 17 April 2008 06:15hey, this is a nice control panel.

How do I let it auto start when the server reboots? And how do I map it to a domain name, and not the IP?

to start Webrick on boot is like running any other linux applucation on boot. The following link explains the way.

http://www.linux.com/base/ldp/howto/HighQuality-Apps-HOWTO/b oot.html

to map the IP to a hostname. I am not sure you are running webvz withing your LAN or it is accessible from the Internet.

If it is in the LAN. You need to add that in your local DNS server. or if it was between two to three machines you can add a line in each machine in /etc/hosts

I wish this helps

Thanks for using webvz

Subject: Re: WebVZ OpenVZ Management Tool Posted by dahas on Mon, 21 Apr 2008 17:16:16 GMT

View Forum Message <> Reply to Message

Ηi

Like i say in previous post i get that using 1.5 version on CentOS 5.1 x64.

My kernel is Vanlila 2.6.24 with ovz004 patch and extra fix for UDP.

[2008-04-21 23:01:38] INFO WEBrick 1.3.1

[2008-04-21 23:01:38] INFO ruby 1.8.5 (2006-08-25) [x86\_64-linux]

[2008-04-21 23:01:38] INFO WEBrick::HTTPServer#start: pid=18594 port=3000

#### This is the start up of WebVZ

Ok step by step i do this I point my browser to http://127.0.0.1:3000 I get the welcome page then access the Containers, ask me to login use admin and admin123 i get loged in then click again on Containers and i get the message

**Notice** 

The kernel does not support OpenVZ.

Thas all.

I will do again all this steps and past the log from console

127.0.0.1 - - [21/Apr/2008:23:10:12 EEST] "GET /login/sign\_in HTTP/1.1" 200 1463

http://127.0.0.1:3000/ -> /login/sign\_in

127.0.0.1 - - [21/Apr/2008:23:10:32 EEST] "POST /login/sign\_in HTTP/1.1" 302 88

http://127.0.0.1:3000/login/sign\_in -> /login/sign\_in

127.0.0.1 - - [21/Apr/2008:23:10:32 EEST] "GET / HTTP/1.1" 200 2616

http://127.0.0.1:3000/login/sign\_in -> /

This is the Login log

127.0.0.1 - - [21/Apr/2008:23:11:24 EEST] "GET /container/list\_vps?status=all HTTP/1.1" 302 88

http://127.0.0.1:3000/ -> /container/list vps?status=all

127.0.0.1 - - [21/Apr/2008:23:11:24 EEST] "GET / HTTP/1.1" 200 2634

http://127.0.0.1:3000/ -> /

And after i click second time on Containers and get the strange notice about kernel.

Here is the vzlist respons.

[root@vbox ~]# vzlist

VEID NPROC STATUS IP\_ADDR HOSTNAME

101 64 running xx.xx.126.124 ubuntu-7-10.virtualnet.ro

4 running xx.xx.126.123 slack-12-0.virtualnet.ro

[root@vbox~]#

If i can provide more info to get this fixed just give me the point from wher to colect that.

**Thanks** 

Subject: Re: WebVZ OpenVZ Management Tool Posted by curx on Mon, 21 Apr 2008 18:50:36 GMT

View Forum Message <> Reply to Message

webvz checks if "uname -r" has stab, ovz or gc (???) in the kernel release string.

After apply the patch above, webvz checks if /proc/vz exist.

Hope this helps.

### File Attachments

1) diff-fix-check-openvz-20080421.patch, downloaded 521 times

Subject: Re: WebVZ OpenVZ Management Tool Posted by dahas on Mon, 21 Apr 2008 20:39:36 GMT

View Forum Message <> Reply to Message

I guess to this Quote:And how do I map it to a domain name, and not the IP? the correct question was how to point only to single ip not to all.

If is any option from start to make him to answer only from localhost or local lan ip not to all.

Subject: Re: WebVZ OpenVZ Management Tool

Posted by shuaib85 on Tue, 22 Apr 2008 05:03:25 GMT

View Forum Message <> Reply to Message

""If is any option from start to make him to answer only from localhost or local lan ip not to all.""

Dahas I do not understand what you are trying to do!! can you explain further

what is the output of 'uname -r'?

if you did not get the fix done from curx can you send me your email so i send you webvz with the fix

curx: Thanks for the fix. What are the openvz kernel beside the 3 that I used?

**Thanks** 

Subject: Re: WebVZ OpenVZ Management Tool Posted by dahas on Tue, 22 Apr 2008 14:41:39 GMT

View Forum Message <> Reply to Message

Thanks for the patch it works good now.

Subject: Re: WebVZ OpenVZ Management Tool

## Posted by phamre on Wed, 16 Jul 2008 19:46:46 GMT

View Forum Message <> Reply to Message

hello.

when i click on conteiners i get this message..

Notice

The kernel does not support OpenVZ.

im running ubuntu server 8.04

uname -r says this: 2.6.24-19-openvz

and /proc/vz exist..

any idea how i can fix this?