
Subject: WebVZ OpenVZ Management Tool
Posted by [shuaib85](#) **on** Mon, 18 Feb 2008 11:38:22 GMT
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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
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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
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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
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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
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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
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Thanx

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

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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

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Hello,

I did not test WebVZ on Gentoo.

if you receive this message 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

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It's bad, because I use git version:

uname -r

2.6.24-gc6504c8d-dirty

Subject: Re: WebVZ OpenVZ Management Tool

Posted by [shuaib85](#) on Fri, 28 Mar 2008 13:16:51 GMT

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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 can list them down, that will be great.

Subject: Re: WebVZ OpenVZ Management Tool

Posted by [shuaib85](#) on Sat, 29 Mar 2008 14:16:23 GMT

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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

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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 kernel 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 attach 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

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@shuaib85:

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

or

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

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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

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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

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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 application on boot. The following link explains the way.

<http://www.linux.com/base/ldp/howto/HighQuality-Apps-HOWTO/boot.html>

to map the IP to a hostname. I am not sure you are running webvz within 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

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Hi

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
102	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

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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 551 times

Subject: Re: WebVZ OpenVZ Management Tool

Posted by [dahas](#) on Mon, 21 Apr 2008 20:39:36 GMT

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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

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""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

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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

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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?
