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

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

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

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

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

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 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

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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 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

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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 484 times

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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

---

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?