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Subject: Firewall / iptables HOWTO?

Posted by [dowdle](#) on Tue, 19 Sep 2006 22:23:32 GMT

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Greetings,

I know this has been mentioned a zillion times but for some reason, I'm having a problem locating it:

How does one create an iptables firewall on the physical host?

How does one create an iptables firewall on the VPSes?

Details:

Kernel: Latest OpenVZ Testing.

Physical Host: CentOS 4.4

VPSes: CentOS 4.4

Basically I'd like to allow access to SSH on the physical host, and not much else... and then VPSes, I'd just like to open up the services I have running, and nothing else.

Help me pull my head out.

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Subject: Re: Firewall / iptables HOWTO?

Posted by [Vasily Tarasov](#) on Wed, 20 Sep 2006 08:15:34 GMT

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You can use iptables as usual in VE and on HN to create firewall.

The only thing you should keep in head is that VE uses HN as gateway through venet interface (if you use veth interface for VE than situation is different).

If the question is "where to set firewall in VE or on HN?", then it depends on the situation. If you wish the root of VE to be able to modify iptables rules then it should be in VE, otherwise it should be on HN.

HTH,

vass.

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Subject: Re: Firewall / iptables HOWTO?

Posted by [victorski](#) on Wed, 20 Sep 2006 10:50:17 GMT

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Just bring up some similar threads for troubleshooting.. I still configuring as well.. If i could come out, i'll supply some info..

- <http://forum.openvz.org/index.php?t=msg&goto=2924&>
- RHL-9 guide
- linuxtopia guide
- AFP on SW forum thread
- [http://faq.swoft.com/article\\_130\\_875\\_en.html](http://faq.swoft.com/article_130_875_en.html) (public guide)

thanks

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Subject: Re: Firewall / iptables HOWTO?  
Posted by [dowdle](#) on Wed, 20 Sep 2006 18:12:07 GMT  
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First of all, thanks for the reply.

I think what is really needed is a practical example.

As you mentioned... I need to keep in mind that a VPS routes everything through the HN... ok... how would that impact my iptables rules on the HN? Do I have to worry about ipaddresses of my VPSes in the iptables rules on the HN or just the services?

It would be nice to see an example all laid out. That would be very helpful and probably eliminate a lot of the questions on the subject.

Or if this has already been documented somewhere, point me in the right direction.

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Subject: Re: Firewall / iptables HOWTO?  
Posted by [Vasily Tarasov](#) on Fri, 22 Sep 2006 05:52:27 GMT  
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I'm absolutely agree with you that  
"what is really needed is a practical example".  
I'll create a wiki article (<http://wiki.openvz.org>) next week.

Thanks for your offers,  
you help to make OpenVZ better.

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Subject: Re: Firewall / iptables HOWTO?  
Posted by [dowdle](#) on Fri, 22 Sep 2006 15:49:02 GMT  
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So, if you are hinting that I be the one to write the article... ok, I can do that... but only after I get it

figured out myself. And to get it figured out I was wanting an article.

If I misunderstood you and you (or someone else you know) is going to write an article. THANK YOU!

I kinda sorta think I have it working... but I'm not sure if I'm in a position yet to teach others.

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Subject: Re: Firewall / iptables HOWTO?

Posted by [victorski](#) on Fri, 22 Sep 2006 20:33:40 GMT

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Sure, pls start on article. I will input wut i've learn align with you all.

- [http://wiki.openvz.org/Shared\\_webhosting](http://wiki.openvz.org/Shared_webhosting)
- [http://wiki.openvz.org/Using\\_NAT\\_for\\_VE\\_with\\_private\\_IPs](http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs)

These two wiki entries really do work for those who have public(static) ip or having server in datacenter hosting. But it wont help much for home self-hosting user like mine (dyndns dynamic/custom service).

Networking and Firewall will depends on scenario of how our computer is conncted to network. So we should supply with the scenario of our connected network as well in how to entry.

Basically, openvz really did fill up the blank for home hosting by mean of user-friendly seperated virtual servers for security. For me, now i totally can put my HN out of network for safety. Just ping point to one virtual which is online.

Now i wanted to venture more by adding seperate services with seperate virtuals.. So go on....

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