
Subject: Can I share host ip with guest?

Posted by [hhdng](#) on Fri, 21 Dec 2007 10:13:01 GMT

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-----BEGIN PGP SIGNED MESSAGE-----

Hash: SHA1

hi list

Because lack of ip address, I want share host os ip with guest os,
howto?

hhdng

-----BEGIN PGP SIGNATURE-----

Version: GnuPG v1.4.7 (MingW32)

iD8DBQFH5GtJo9Njkkvy34RAuGgAJ0DxyKNd/ovlxtib0pa5p1FWxLurwCgz+tT

dhh0mp/4FfXJKmUGW3W6JZg=

=hGTF

-----END PGP SIGNATURE-----

Subject: Re: Can I share host ip with guest?

Posted by [Peter Machell](#) on Fri, 21 Dec 2007 10:40:43 GMT

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On 21/12/2007, at 8:13 PM, H.H. Ding wrote:

> Because lack of ip address, I want share host os ip with guest os,
> howto?

You cannot have two devices with the same IP address on one network.
This is a fundamental law of networking and there is no way around it.

However, by using an internal IP address on the guests, and port forwarding from the host, you can still present your services to the Internet from the one external IP.

The instructions at http://wiki.openvz.org/Using_NAT_for_VE_with_private_IPs will show you how to do this.

However, I find it easier to have a NAT router above the host terminating the external IP, and use internal IPs on the same subnet for both the host and the guests.

I hope this helps.

regards,

Peter.

Subject: Re: Can I share host ip with guest?
Posted by [hhdng](#) on Fri, 21 Dec 2007 11:34:25 GMT
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Can't It work like chroot but with more isolated environment?

> On 21/12/2007, at 8:13 PM, H.H. Ding wrote:
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-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.7 (MingW32)

iD8DBQFHh6TBJo9Njjkvy34RAgP4AKCLOF0HsnEWJTFcMx6iDsIjxBN7nACgiXTY
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=tHSM
-----END PGP SIGNATURE-----

Subject: Re: Can I share host ip with guest?
Posted by [Cliff Wells](#) on Fri, 21 Dec 2007 17:34:33 GMT
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On Fri, 2007-12-21 at 19:34 +0800, H.H. Ding wrote:

> -----BEGIN PGP SIGNED MESSAGE-----

> Hash: SHA1

>

> Can't It work like chroot but with more isolated environment?

Probably not, but why would you want that? If you want chroot, then why not use chroot?

Regards,
Cliff

Subject: Re: Can I share host ip with guest?
Posted by [Benny Amorsen](#) on Fri, 21 Dec 2007 21:05:47 GMT
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"H.H. Ding" <hhding.gnu@gmail.com>
writes:

> Can't It work like chroot but with more isolated environment?

Linux-vserver can do that. It does only minor virtualization of the network, and stuff like routing tables stay in the host.

/Benny
