Subject: net.ipv4.ip_forward
Posted by fvafva on Wed, 04 Jul 2018 11:26:26 GMT
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Hello,

I am using CentOS 6 as host for openVZ, and Ubuntu 16 as guests.

On all our hosts net.ipv4.ip_forward=1, which looks normal according to documention.
But I have same for guests (mainly webservers).

Is it a requirement to have net.ipv4.ip_forward=1 for VPS?

Thanks.

Subject: Re: net.ipv4.ip_forward
Posted by vaverin on Wed, 04 Jul 2018 13:02:51 GMT
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Dear fvafva,

usually containers have only one network interface, so net.ipv4.ip_forward=1 is not required for them.
It can be useful if container have severl interfaces, openvpn tunnel for example.

Such setting in containers are inherited from host,
and can be adjusted via /etc/sysctl.conf inside guest.

in my new centos6 containers this systl is set to 0,
because /etc/sysctl.conf in Os template overrides the setting inherited from host.

Thank you,
Vasily Averin

Subject: Re: net.ipv4.ip_forward
Posted by fvafva on Wed, 04 Jul 2018 13:06:13 GMT
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So looks like we have net.ipv4.ip_forward=1 just because it is inherited from host.
I understand from your post it is not required by openVZ (but of course can be required for different reasons).

Thanks for that answer.