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Subject: /etc/hosts

Posted by [Farkas Levente](#) on Mon, 11 Dec 2006 11:53:14 GMT

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hi,  
why put openvz into each VE's /etc/hosts the hostname itself too? ie:  
127.0.0.1 host.example.com host localhost localhost.localdomain  
and why do this on all reboot, why not accept  
127.0.0.1 localhost localhost.localdomain  
it has some reasons?  
thanks.  
yours.

--

Levente

"Si vis pacem para bellum!"

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Subject: Re: /etc/hosts

Posted by [dev](#) on Mon, 11 Dec 2006 13:34:49 GMT

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Farkas Levente wrote:

> hi,  
> why put openvz into each VE's /etc/hosts the hostname itself too? ie:  
> 127.0.0.1 host.example.com host localhost localhost.localdomain  
> and why do this on all reboot, why not accept  
> 127.0.0.1 localhost localhost.localdomain  
> it has some reasons?  
> thanks.  
> yours.  
>

If HOSTNAME set in VE config it is updated on every VE start.  
hostname is bound to 127.0.0.1 for simplicity of updates on ip change i.e  
it doesn't depend on ip in such a scheme.

Kirill

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Subject: Re: /etc/hosts

Posted by [Farkas Levente](#) on Mon, 11 Dec 2006 14:43:13 GMT

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Kirill Korotaev wrote:

> Farkas Levente wrote:  
>> hi,  
>> why put openvz into each VE's /etc/hosts the hostname itself too? ie:

>> 127.0.0.1 host.example.com host localhost localhost.localdomain  
>> and why do this on all reboot, why not accept  
>> 127.0.0.1 localhost localhost.localdomain  
>> it has some reasons?  
>> thanks.  
>> yours.  
>>  
>  
> If HOSTNAME set in VE config it is updated on every VE start.  
> hostname is bound to 127.0.0.1 for simplicity of updates on ip change i.e  
> it doesn't depend on ip in such a scheme.

ok, but in this case all tool like netstat, iptables etc.. assumes  
127.0.0.1 as hostname and it's really annoying netstat -lt:

```
-----  
# netstat -lt  
tcp      0      0 host.example.com:smtp  *.*  LISTEN  
tcp      0      0 host.example.com:smtp  *.*  LISTEN  
# netstat -ltn  
tcp      0      0 127.0.0.1:smtp        *.*  LISTEN  
tcp      0      0 1.2.3.4:smtp          *.*  LISTEN  
-----
```

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Levente

"Si vis pacem para bellum!"

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Subject: Re: /etc/hosts  
Posted by [dev](#) on Tue, 12 Dec 2006 14:51:55 GMT  
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> Kirill Korotaev wrote:  
>  
>>Farkas Levente wrote:  
>>  
>>>hi,  
>>>why put openvz into each VE's /etc/hosts the hostname itself too? ie:  
>>>127.0.0.1 host.example.com host localhost localhost.localdomain  
>>>and why do this on all reboot, why not accept  
>>>127.0.0.1 localhost localhost.localdomain  
>>>it has some reasons?  
>>>thanks.  
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>>>  
>>  
>>If HOSTNAME set in VE config it is updated on every VE start.  
>>hostname is bound to 127.0.0.1 for simplicity of updates on ip change i.e  
>>it doesn't depend on ip in such a scheme.

>  
>  
> ok, but in this case all tool like netstat, iptables etc.. assumes  
> 127.0.0.1 as hostname and it's really annoying netstat -lt:

> -----  
> # netstat -lt  
> tcp 0 0 host.example.com:smtp \*.\* LISTEN  
> tcp 0 0 host.example.com:smtp \*.\* LISTEN  
> # netstat -ltn  
> tcp 0 0 127.0.0.1:smtp \*.\* LISTEN  
> tcp 0 0 1.2.3.4:smtp \*.\* LISTEN  
> -----

Ah, I see...

There are 2 easy choices here:

- change your VE /etc/hosts and add a "real-IP hostname" line to it.  
vzctl will notice it and will stop changing it.  
actually one manage hostnames itself from VE this way.
- fix vzctl to add such lines, however, it is harder,  
since will require /etc/hosts modification on each ipadd/ipdel/hostname-change  
etc. and it is not clear how to leave the ability to manage /etc/hosts from inside VE.

Thanks,  
Kirill

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