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Subject: Re: Dns resolution failure..

Posted by [kir](#) on Wed, 14 Jun 2006 12:26:07 GMT

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I suggest to turn on the dump mode and check that /etc/resolv.conf in a VE contains the same as on the hardware node. If not, use `vzctl set VEID --nameserver x.x.x.x --save` command.

Next step is to try pinging the nameserver from inside a VE.

Kirill Korotaev wrote:

```
> Hello Aaron,
>
>> We've gone down that route with no results.
>>
>> What's bugging me (and I can't wrap my brain around it) is that we
>> can ping the outside world, wget to IP addresses, and ssh into
>> external hosts.
>
> from VPS, correct?
>
>> The only thing that seems to be failing is DNS at the
>
>> application level.. Again, nslookup and host both work without issue.
>
> does dig <some domain> works correctly?
> does ping <some domain> works?
>
> do tcpdump (both in VPS and host) and check why UDP packets from
> applications DNS request fail.
>
> Also check that you have no any firewalls in host/VPS.
>
> I feel that there is something simple, but can't say what is wrong
> yet... :)
>
> Thanks,
> Kirill
>
>> -=Aaron
>>
>> Kirill Korotaev wrote:
>>
>>> You need to check with tcpdump in the host whether your packets go
>>> ok from VE to host system.
>>> Does networking work correctly from VE when IP addresses are used?
>>>
```

>>> Kirill  
>>>  
>>>> Hey all,  
>>>>  
>>>> We're seeing a problem where within one particular VE on a host we  
>>>> can nslookup or "host" a hostname and everything works.  
>>>>  
>>>> But when we try running yum update or wget (even to  
>>>> www.google.com) we get "Temporary failure in name resolution."  
>>>>  
>>>> We've dug around on the lists and tried solutions posted there with  
>>>> no luck (w.r.t setting forwarding on the main system, etc).  
>>>>  
>>>> We're also seeing the following in the logs (not sure if it's a  
>>>> red-herring or not):  
>>>>  
>>>> Jun 12 15:48:19 FOO sysctl: net.ipv4.ip\_forward = 0  
>>>> Jun 12 15:48:19 FOO sysctl: error: unknown error 1 setting key  
>>>> 'net.ipv4.conf.default.rp\_filter'  
>>>> Jun 12 15:48:19 FOO sysctl: error: unknown error 1 setting key  
>>>> 'net.ipv4.conf.default.accept\_source\_route'  
>>>> Jun 12 15:48:19 FOO sysctl: error: unknown error 1 setting key  
>>>> 'kernel.sysrq'  
>>>> Jun 12 15:48:19 FOO sysctl: error: unknown error 1 setting key  
>>>> 'kernel.core\_uses\_pid'  
>>>>  
>>>>  
>>>> I should mention that all other VE's running on the host work  
>>>> without a problem.  
>>>>  
>>>> Any ideas?  
>>>>

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