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Subject: Re: Dns resolution failure..

Posted by [dev](#) on Wed, 14 Jun 2006 10:53:17 GMT

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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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