
Subject: ***SOLVED*** Can't connect to mysql in VE
Posted by [Pradeep Padala](#) on Wed, 29 Nov 2006 04:09:37 GMT
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Hi,

I have two VEs setup correctly and I am running mysql daemon in one VE. I can connect to the mysql daemon from HN but cannot connect to it from the other VE or from outside. On the other hand, I can ping the machine and even ssh into it. The setup is as follow.

I assign 15.25.117.{48,49} to the VEs and 15.25.117.31 is the HN's ip address.

```
Run mysql in 15.25.117.49. Now, in 15.25.117.48
-bash-3.1# mysql -h15.25.117.49 -utest_rubis
ERROR 2003 (HY000): Can't connect to MySQL server on '15.25.117.49' (113)
```

```
On 15.25.117.31
[root@acts-01-eth1 ~]# mysql -h15.25.117.49 -utest_rubis
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 6 to server version: 5.0.27-standard
```

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

```
mysql>
```

Let me know how to fix this problem. Thanks !
Pradeep

Subject: Re: Can't connect to mysql in VE
Posted by [Vasily Tarasov](#) on Wed, 29 Nov 2006 07:19:12 GMT
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Do you use iptables?

Subject: Re: Can't connect to mysql in VE
Posted by [Pradeep Padala](#) on Wed, 29 Nov 2006 16:59:07 GMT
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Nothing other than the default stuff. Actually, I have switched it off on the VEs and HN, but still the same result. The interesting part is that I can ssh to the VE.

Pradeep

Subject: Re: Can't connect to mysql in VE
Posted by [rickb](#) on Wed, 29 Nov 2006 17:08:07 GMT
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To troubleshoot this, you should first use a low level debugging technique like tcpdump. This will establish whether the problem is on the network level or the application level. For example, in your VE:

```
# tcpdump -i venet0 dst port 3306
```

from the HN or wherever you want to connect to the mysqld server from, run in a separate console:

```
# telnet VE_IP 3306
```

replace VE_IP with the IP address of your VE. If after running telnet, you see lines below your tcpdump then this succeeded, otherwise it failed.

if this succeeds:

I doubt it will, but it must be a configuration in your mysqld. try backing up your data, uninstalling mysqld, and throwing a fresh mysqld rpm in there.

if this fails:

check iptables on the HN and the VE. This is definately the problem especially considering you can ssh to the VE which means networking is working.

Subject: Re: Can't connect to mysql in VE
Posted by [Pradeep Padala](#) on Wed, 29 Nov 2006 19:55:53 GMT
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I don't think it's a problem with MySQL config. I can connect from HN to the VE MySQL. So, it must be some kind of routing problem.

I will try debugging with tcpdump and see how it goes.

Subject: Re: Can't connect to mysql in VE
Posted by [Pradeep Padala](#) on Wed, 29 Nov 2006 20:04:23 GMT
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I just checked again and I forgot to turn off iptables on HN which was causing the problems. Turning it off fixed the problem.

Thanks !
