

3 Replies Latest reply on Nov 4, 2015 2:40 PM by 3065370



3065370 Nov 4, 2015 12:02 PM

Can't connect to oracle DB from outside the VM.

This question is **Not Answered**.

So I have a MacOS machine and I installed the Oracle Developer Day VM from this link:
<http://www.oracle.com/technetwork/database/enterprise-edition/databaseappdev-vm-161299.html>

inside the VM, in unix, i can play with the DB using the SQL Developer tool.
it works, but that's not what I need.

I'm working on a java Spring API and I'm developing it in my Mac OS environment.
The oracle DB would be the datastore of that API and therefore I must connect to the running oracle DB from my mac, not from the VM.

the problem is I don't know how to do that. What IP? What Port?

In the mac terminal, to get the vm IP, i typed:
\$ VBoxManage guestproperty get "Oracle DB Developer VM" "/VirtualBox/GuestInfo/Net/0/V4/IP"
Value: 10.0.2.15

and the port seems to be 1521 in SQL developer.
Virtual Box seems to have a port forwarding rule configured as follow:
name: sqlnet
protocol: tcp
Host IP:
Host port: 1521
guest IP:
Guest port: 1521

But it doesn't seem to work.
I can't ping the vm from the host machine with: **ping 10.0.2.15**
my java API can't connect with: **spring.datasource.url=jdbc:oracle:thin:@10.0.2.15:1521/orcl**

What should i do to connect to the oracle DB running in the unix VM from my Mac?

Thanks

[I have the same question \(1\)](#)

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Dude! Nov 4, 2015 12:43 PM (in response to 3065370)

1. Re: Can't connect to oracle DB from outside the VM.

If you check the setting of the VM, what kind of network adapter is it using? Like Bridged, host-only, NAT, etc.

Actions

Like (0)



EdStevens Nov 4, 2015 1:20 PM (in response to 3065370)

2. Re: Can't connect to oracle DB from outside the VM.

You might find this useful: <https://edstevensdba.wordpress.com/2012/12/15/configure-the-virtualbox-network-2/>

Actions

 Like (0)

3065370 Nov 4, 2015 2:40 PM (in response to **3065370**)
3. Re: Can't connect to oracle DB from outside the VM.

Thanks for the help.

Fixed it in the end.

I had to use :

- 127.0.0.1 in the java API on the host side
- NAT port forwarding in virtual box
- Also, there was a java issue with using the wrong ojdbc jar, had to try version 6 (problem between oracle db versions 10g and 11c or something)

Now it's all good.

Actions

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