

Pre-requisites

To get started, you need to download:

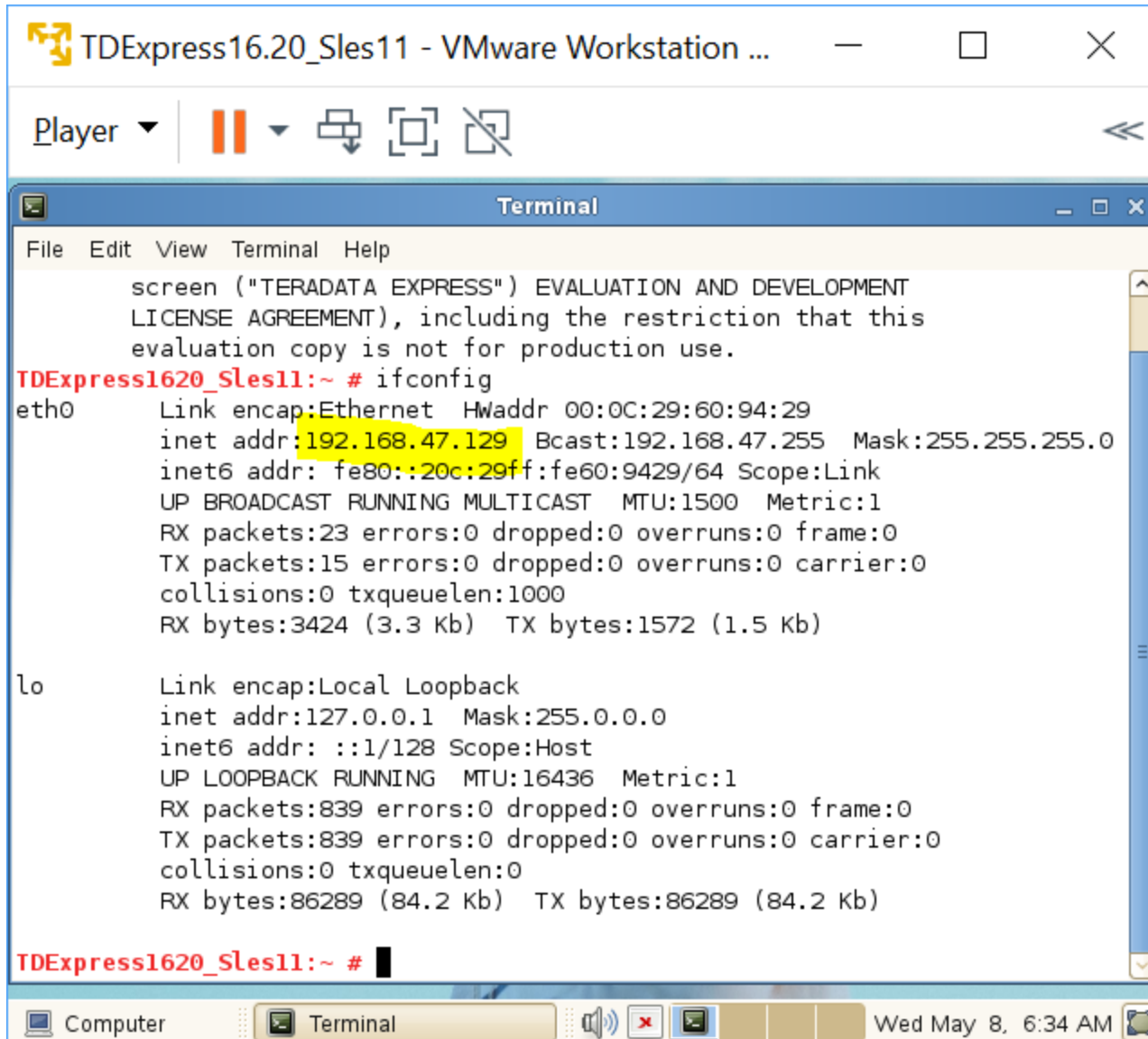
- Teradata Express 16.20 VM Image.
- VMWare Workstation 15 Player.
- Teradata tools and utilities.
- JDK 8 and other dependencies (see the download page for TD Express).
- You can download these from: [Teradata Downloads page](#).
- An account is required, you can create one for free.

Launch your VM

- In VMWare Player's main window, right click on the VM name and select "Virtual Machine Settings".
- In the settings window, click on "Network Adapter" and among the options on the right, select "Host-only: a private network shared with the host".
- Click ok and boot your virtual machine.
- Login credentials are root/root

Connect to your DB

- Open a terminal and type `ifconfig`. You should see an `inet addr` value as below.



The screenshot shows a VMware Workstation window titled "TDEExpress16.20_Sles11 - VMware Workstation ...". Inside the window is a terminal window titled "Terminal". The terminal displays the output of the `ifconfig` command. The output shows two network interfaces: `eth0` and `lo`. The `eth0` interface has an `inet addr` of `192.168.47.129`. The `lo` interface has an `inet addr` of `127.0.0.1`.

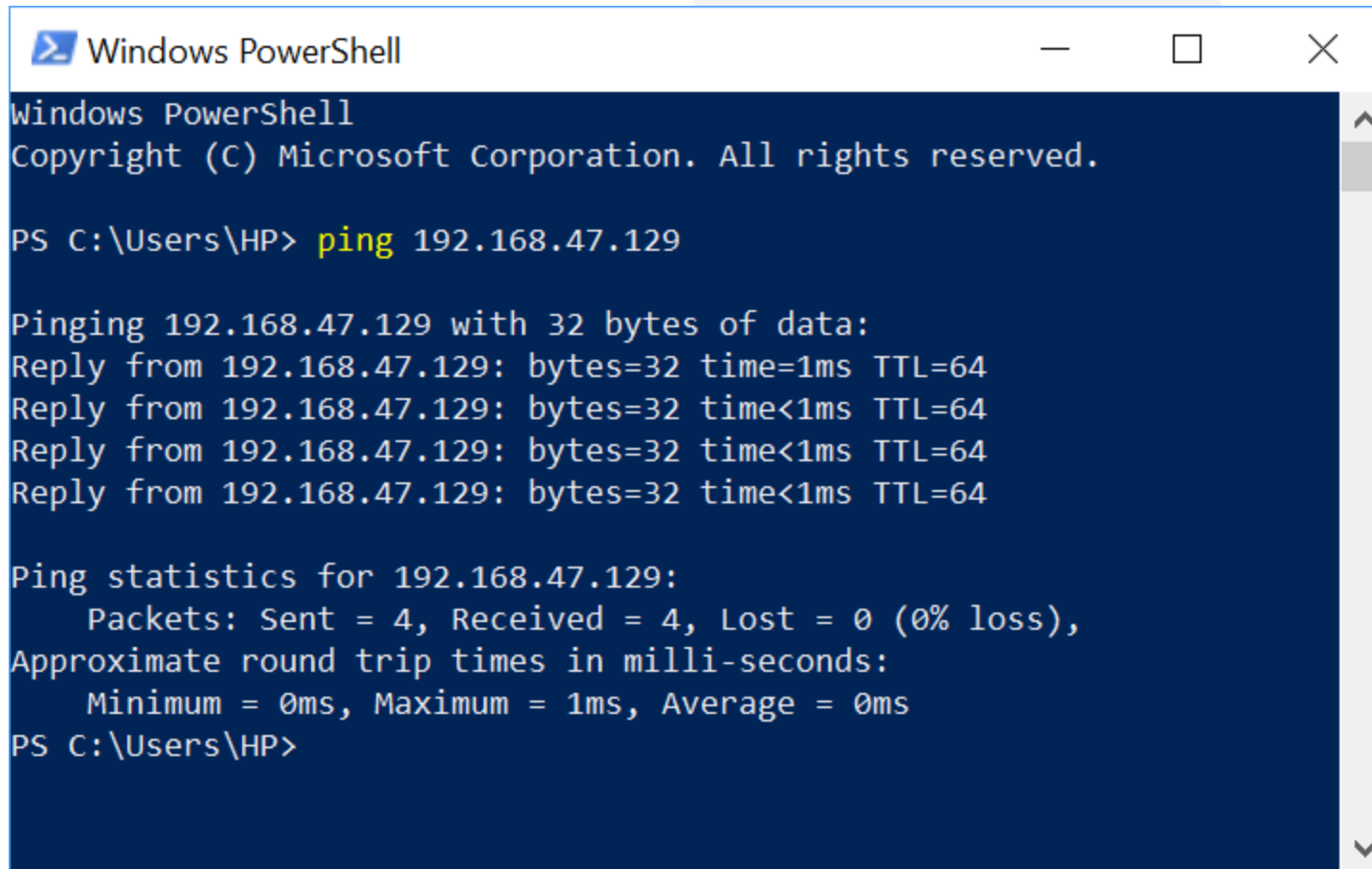
```
screen ("TERADATA EXPRESS") EVALUATION AND DEVELOPMENT
LICENSE AGREEMENT), including the restriction that this
evaluation copy is not for production use.
TDEExpress1620_Sles11:~ # ifconfig
eth0      Link encap:Ethernet  HWaddr 00:0C:29:60:94:29
          inet addr:192.168.47.129  Bcast:192.168.47.255  Mask:255.255.255.0
          inet6 addr: fe80::20c:29ff:fe60:9429/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:23 errors:0 dropped:0 overruns:0 frame:0
          TX packets:15 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:3424 (3.3 Kb)  TX bytes:1572 (1.5 Kb)

lo        Link encap:Local Loopback
          inet addr:127.0.0.1  Mask:255.0.0.0
          inet6 addr: ::1/128 Scope:Host
          UP LOOPBACK RUNNING  MTU:16436  Metric:1
          RX packets:839 errors:0 dropped:0 overruns:0 frame:0
          TX packets:839 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:86289 (84.2 Kb)  TX bytes:86289 (84.2 Kb)

TDEExpress1620_Sles11:~ #
```

Test connection

- On your PowerShell or UNIX console, ping the IP address of your DB with the command `ping 192.168.47.129`



```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\HP> ping 192.168.47.129

Pinging 192.168.47.129 with 32 bytes of data:
Reply from 192.168.47.129: bytes=32 time=1ms TTL=64
Reply from 192.168.47.129: bytes=32 time<1ms TTL=64
Reply from 192.168.47.129: bytes=32 time<1ms TTL=64
Reply from 192.168.47.129: bytes=32 time<1ms TTL=64

Ping statistics for 192.168.47.129:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
PS C:\Users\HP>
```

Connect with SQLA

- Now open SQL Assistant, and create a new connection using the IP address of your DB.
- Default credentials are dbc/dbc.
- Run a simple query.

The screenshot displays the Teradata SQL Assistant (teradata-poland) application. The interface includes a menu bar (File, Edit, View, Tools, Window, Help), a toolbar, and a Database Explorer on the left showing the 'teradata-poland (Teradata)' connection with a 'DBC' folder expanded. The main query editor contains the SQL statement: `select * from dbc.dbcinfo`. Below the editor, the 'Answerset 1' pane shows the results of the query in a table format. The 'History' pane at the bottom lists the executed queries, including the current one.

InfoKey	InfoData
1 LANGUAGE SUPPORT MODE	Standard
2 RELEASE	16.20.23.01
3 VERSION	16.20.23.01

Date / Time	Source	Elapsed	Rows	Result	Notes	SQL Statement	Length	Stmts
5/8/2019 10:10:40	teradata-poland	00:00:00	3			/**/	33	1
5/6/2019 11:22:31	tutorial wroclaw	00:00:00	1			select sum(maxperm), sum(currentperm) from dbc.diskspace	56	1
5/6/2019 11:22:00	tutorial wroclaw	00:00:01	60			select * from dbc.diskspace	27	1
5/6/2019 11:19:59	tutorial wroclaw	00:00:00	1			SELECT Hashamp()	16	1
5/6/2019 11:18:42	tutorial wroclaw	00:00:00	1			SELECT CURRENT_DATE	19	1
5/6/2019 11:18:39	tutorial wroclaw	00:00:00	1			SELECT CURRENT_TIME	19	1
5/6/2019 11:18:08	tutorial wroclaw	00:00:00	1			SELECT CURRENT_DATE	19	1

teradata-poland Line 3 100% 10:52