

Pre-requisites

To get started, you need to download:

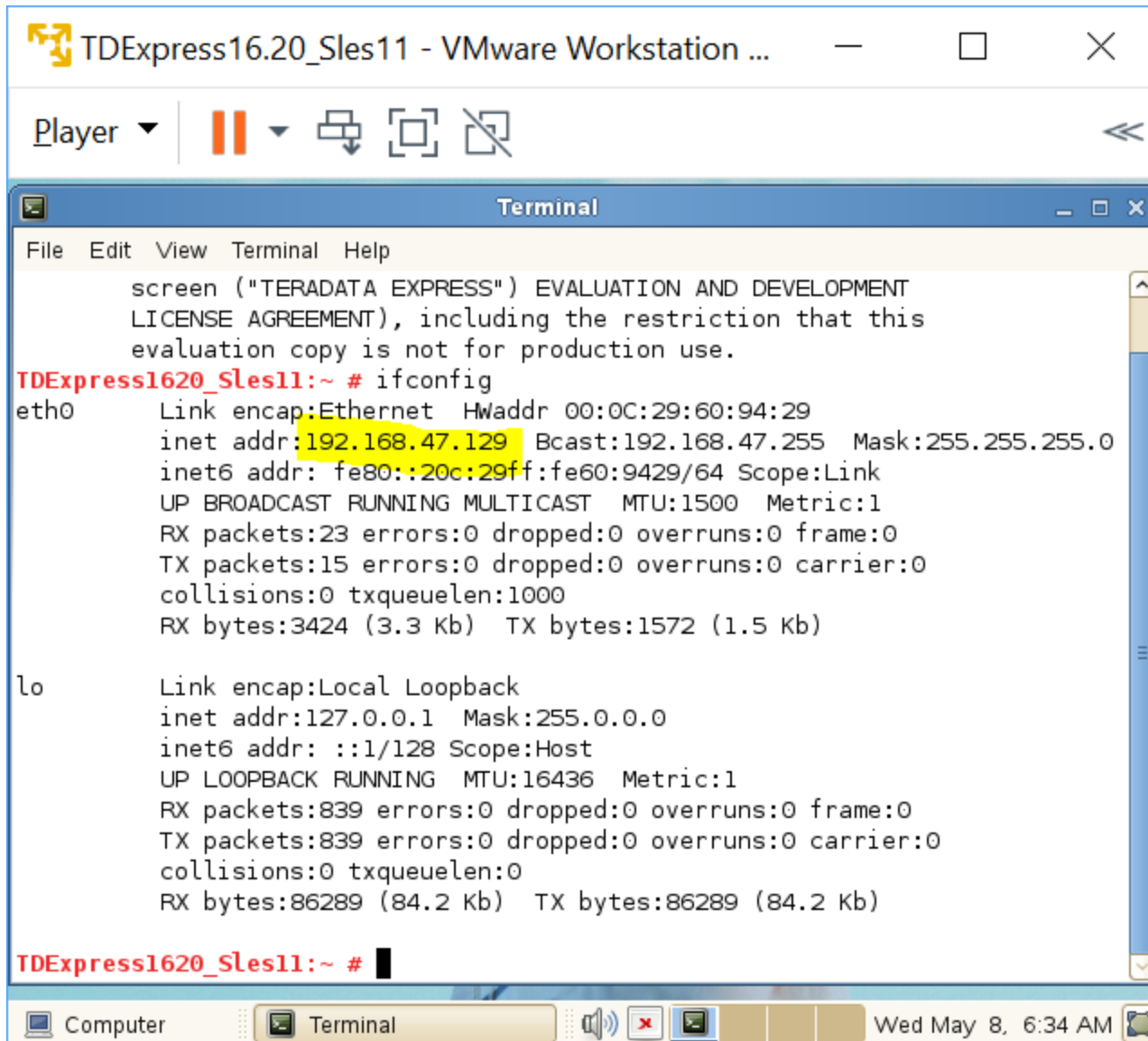
- Teradata Express 16.20 VM Image.
- VMWare Workstation 15 Player.
- Teradata tools and utilities.
- JDK 8 and other dependencies (see the download page for TD Express).
- You can download these from: [Teradata Downloads page](#).
- An account is required, you can create one for free.

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`.

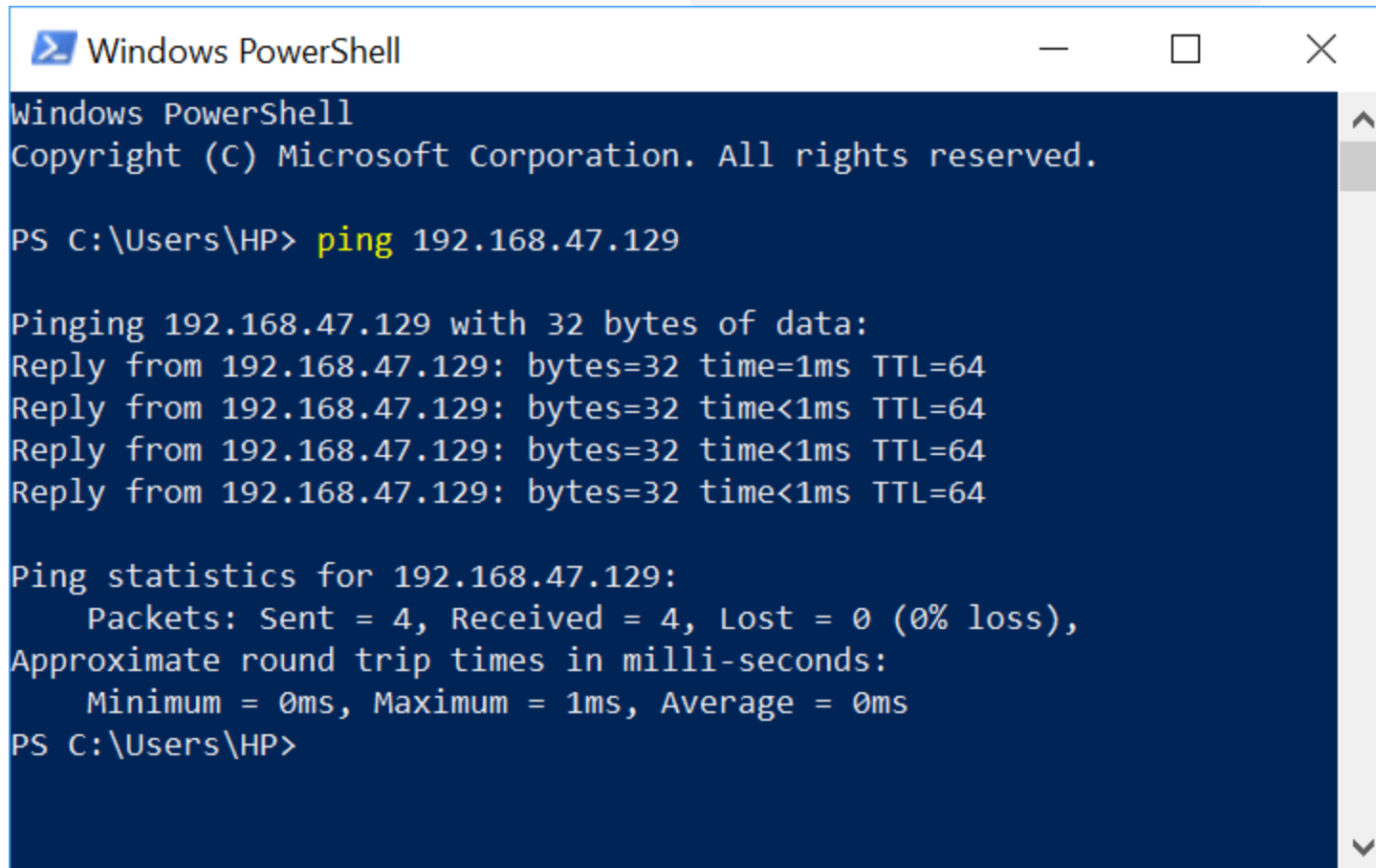
```
screen ("TERADATA EXPRESS") EVALUATION AND DEVELOPMENT
LICENSE AGREEMENT), including the restriction that this
evaluation copy is not for production use.
TDEExpress1620_Sles11:~ # ifconfig
eth0      Link encap:Ethernet  HWaddr 00:0C:29:60:94:29
          inet addr:192.168.47.129  Bcast:192.168.47.255  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`

A screenshot of a Windows PowerShell terminal window. The window title is "Windows PowerShell" with standard minimize, maximize, and close buttons. The terminal text shows the command prompt "PS C:\Users\HP>" followed by the command "ping 192.168.47.129". The output displays four successful replies from the target IP, each with 32 bytes of data, a time of 1ms or less, and a TTL of 64. Below the replies, it shows ping statistics: 4 packets sent, 4 received, 0% loss, and round trip times of 0ms minimum, 1ms maximum, and 0ms average. The prompt returns to "PS C:\Users\HP>".

```
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. The main query editor contains the SQL statement: `select * from dbc.dbcinfo`. Below the editor, the 'Answerset 1' pane shows the query results in a table format.

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

At the bottom, the 'History' pane lists the execution history of the SQL statements, including the date, time, source, elapsed time, rows, result, notes, SQL statement, length, and statements count.

	Date / Time	Source	Elapsed	Rows	Result	Notes	SQL Statement	Length	Stmts	
1	5/8/2019 10:10:40	teradata-poland	00:00:00	3			/**/	33	1	SELE
2	5/6/2019 11:22:31	tutorial wroclaw	00:00:00	1			select sum(maxperm), sum(currentperm) from dbc.diskspace	56	1	SELE
3	5/6/2019 11:22:00	tutorial wroclaw	00:00:01	60			select * from dbc.diskspace	27	1	SELE
4	5/6/2019 11:19:59	tutorial wroclaw	00:00:00	1			SELECT Hashamp()	16	1	SELE
5	5/6/2019 11:18:42	tutorial wroclaw	00:00:00	1			SELECT CURRENT DATE	19	1	SELE
6	5/6/2019 11:18:39	tutorial wroclaw	00:00:00	1			SELECT CURRENT TIME	19	1	SELE
7	5/6/2019 11:18:08	tutorial wroclaw	00:00:00	1			SELECT CURRENT DATE	19	1	SELE

teradata-poland Line 3 100% 10:52