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Using tcpdump on a Virtual Appliance

Steef | ESET Nederland - 2023-08-14 - Reacties (0) - Diagnostics

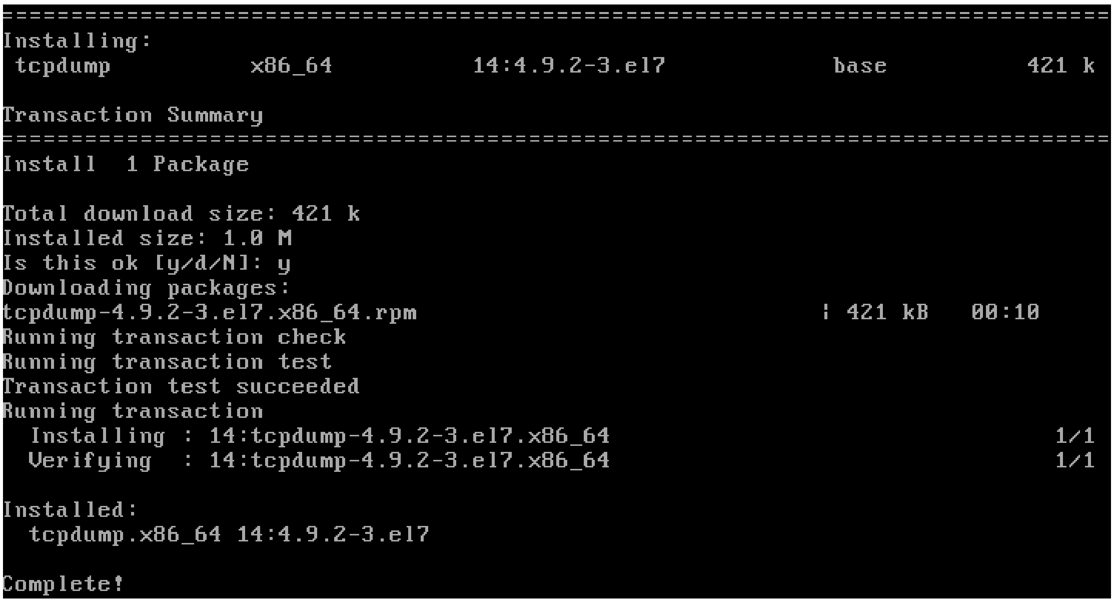
When troubleshooting network related issues on a virtual appliance/linux machine, tcpdump is the linux equivalent of wireshark.

To install tcpdump:

Enter the following command in the terminal of the appliance to install tcpdump:

```
yum install tcpdump
```

Confirm the installation with "y"



```
================================================================================
Installing:
 tcpdump          x86_64          14:4.9.2-3.el7              base           421 k

Transaction Summary
================================================================================
Install  1 Package

Total download size: 421 k
Installed size: 1.0 M
Is this ok [y/d/N]: y
Downloading packages:
tcpdump-4.9.2-3.el7.x86_64.rpm                              | 421 kB   00:10
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 14:tcpdump-4.9.2-3.el7.x86_64                                 1/1
  Verifying  : 14:tcpdump-4.9.2-3.el7.x86_64                                 1/1

Installed:
  tcpdump.x86_64 14:4.9.2-3.el7

Complete!
```

Use the following command to capture and save the packets in a file:

```
tcpdump  -vv -w  FILENAME.pcap -i any
```

Reproduce the issue, so it is captured in the tcpdump log.

To cancel the capture press:

```
Ctrl + c
```

To compress the output file:

```
tar -cvzf FILENAME.tar.gz FILENAME.pcap
```

Please send the compressed output file: FILENAME.tar.gz to ESET Support.

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- Create a full memory dump of a VMware virtual machine
- How do I generate a memory dump manually?
- How to create a Wireshark log
- Run the Info_get.command on a Linux machine and send the logs to ESET Technical Support
- How do I use ESET Log Collector?