

IT-Managed Device Enforcement Laptop Checklist

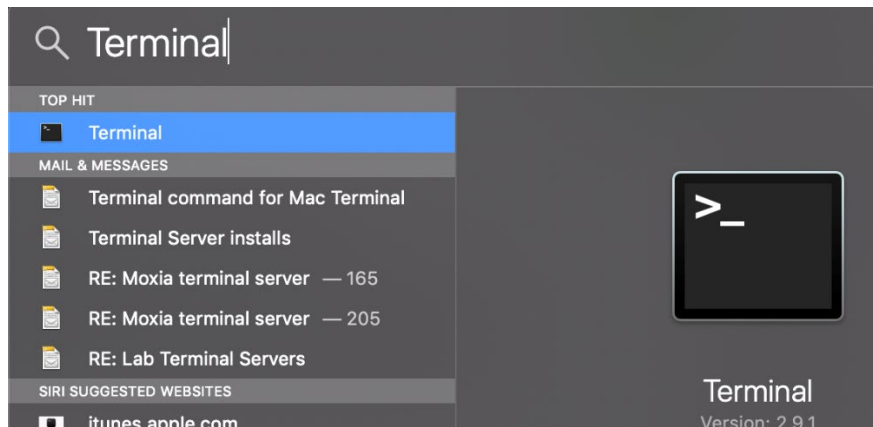
How to check if CrowdStrike is installed and running

Mac Terminal:

1. Click on the Spotlight Search (upper right of screen)



2. When Dialog box pops-up, type "Terminal" and hit enter

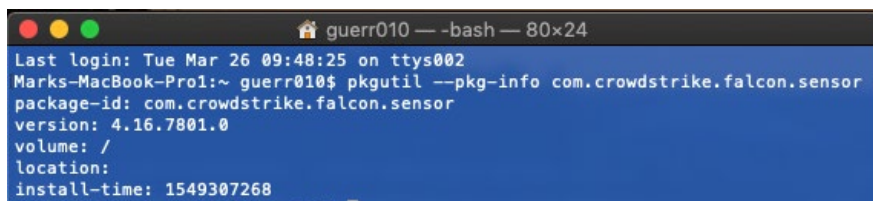


3. When Terminal pops-up, type in the following commands:

NetID\$ pkgutil --pkg-info com.crowdstrike.falcon.sensor

Example: guerr010\$ pkgutil --pkg-info com.crowdstrike.falcon.sensor

4. The following screen will appear if CrowdStrike is installed:

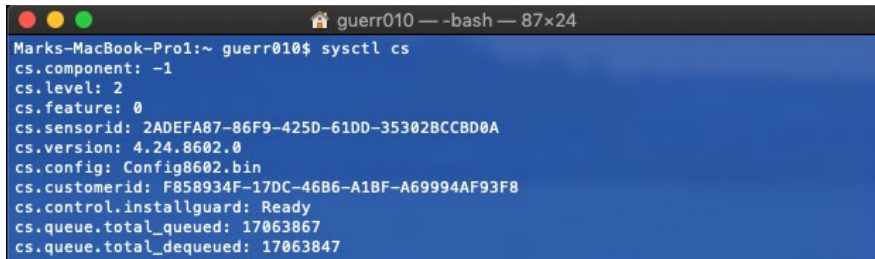


5. Type the following command:

NetID\$ sysctl cs

Example: guerr010\$ sysctl cs

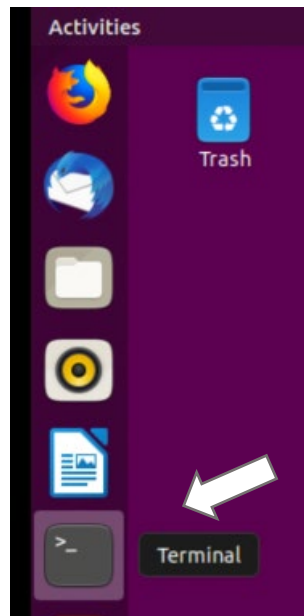
- The following screen will appear if CrowdStrike is running:



```
guerr010 ~ -bash — 87x24
Marks-MacBook-Pro1:~ guerr010$ sysctl cs
cs.component: -1
cs.level: 2
cs.feature: 0
cs.sensorid: 2ADEF87-86F9-425D-61DD-35302BCCBD0A
cs.version: 4.24.8602.0
cs.config: Config8602.bin
cs.customerid: F858934F-17DC-46B6-A1BF-A69994AF93F8
cs.control.installguard: Ready
cs.queue.total_queued: 17063867
cs.queue.total_dequeued: 17063847
```

Linux Terminal (Ubuntu):

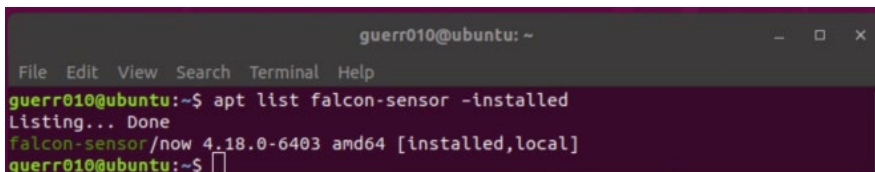
- Click on Terminal Icon



- When Terminal pops-up, type in the following commands:

```
ubuntu:~$ apt list falcon-sensor --installed
```

- The following screen will appear if CrowdStrike is installed:

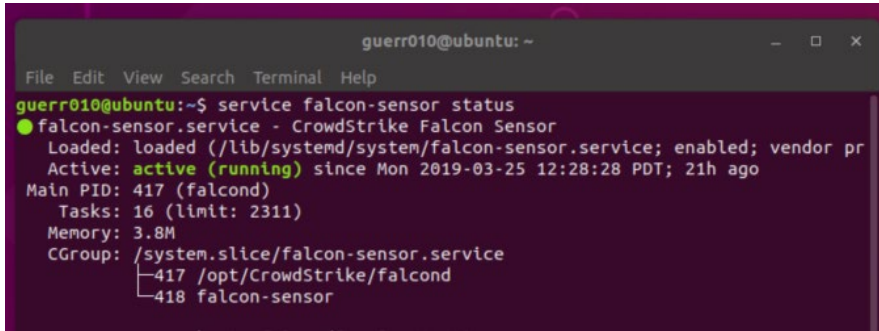


```
guerr010@ubuntu: ~
File Edit View Search Terminal Help
guerr010@ubuntu:~$ apt list falcon-sensor --installed
Listing... Done
falcon-sensor/now 4.18.0-6403 amd64 [installed,local]
guerr010@ubuntu:~$
```

- Type the following command:

```
ubuntu:~$ service falcon-sensor status
```

- The following screen will appear if CrowdStrike is running:

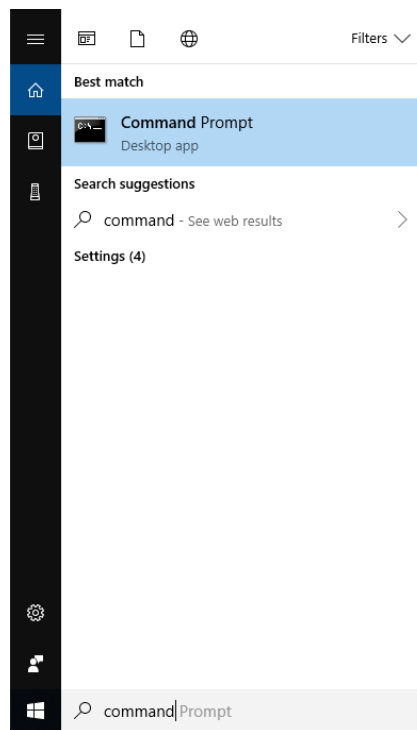


```
guerr010@ubuntu: ~  
File Edit View Search Terminal Help  
guerr010@ubuntu:~$ service falcon-sensor status  
● falcon-sensor.service - CrowdStrike Falcon Sensor  
Loaded: loaded (/lib/systemd/system/falcon-sensor.service; enabled; vendor pr  
Active: active (running) since Mon 2019-03-25 12:28:28 PDT; 21h ago  
Main PID: 417 (falcond)  
Tasks: 16 (limit: 2311)  
Memory: 3.8M  
CGroup: /system.slice/falcon-sensor.service  
└─417 /opt/CrowdStrike/falcond  
└─418 falcon-sensor
```

Windows Command:

For Windows 10

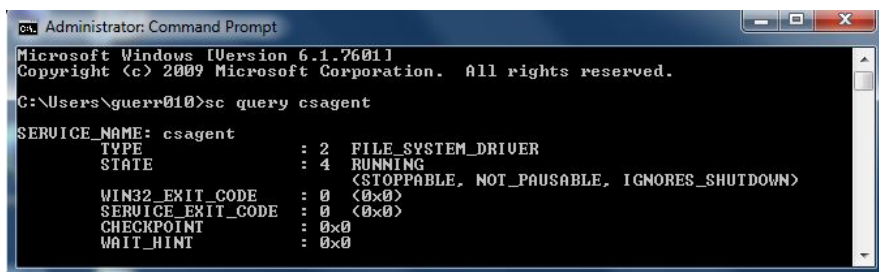
- In the search bar (lower left corner), type “command” and hit enter



- When the Command Prompt dialog box pops-up, type the following commands:

sc query csagent

- The following screen will appear if CrowdStrike is running:



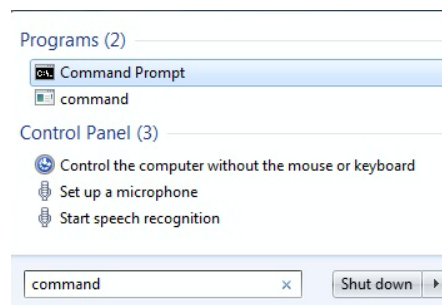
```
Administrator: Command Prompt  
Microsoft Windows [Version 6.1.7601]  
Copyright (c) 2009 Microsoft Corporation. All rights reserved.  
C:\Users\guerr010>sc query csagent  
SERVICE_NAME: csagent  
        TYPE               : 2  FILE_SYSTEM_DRIVER  
        STATE                : 4  RUNNING  
                (STOPPABLE, NOT_PAUSABLE, IGNORES_SHUTDOWN)  
        MIN32_EXIT_CODE      : 0  <0x0>  
        SERVICE_EXIT_CODE   : 0  <0x0>  
        CHECKPOINT          : 0x0  
        WAIT_HINT           : 0x0
```

For Windows 7

1. Click on the Start button



2. When dialog box pops up, type command



3. When the Command Prompt dialog box pops-up, type the following commands:

sc query csagent

4. The following screen will appear if CrowdStrike is running:

```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\guerr010>sc query csagent

SERVICE_NAME: csagent
        TYPE               : 2  FILE_SYSTEM_DRIVER
        STATE                : 4  RUNNING
                        (STOPPABLE, NOT_PAUSABLE, IGNORES_SHUTDOWN)
        WIN32_EXIT_CODE      : 0  (0x0)
        SERVICE_EXIT_CODE  : 0  (0x0)
        CHECKPOINT          : 0x0
        WAIT_HINT           : 0x0
```

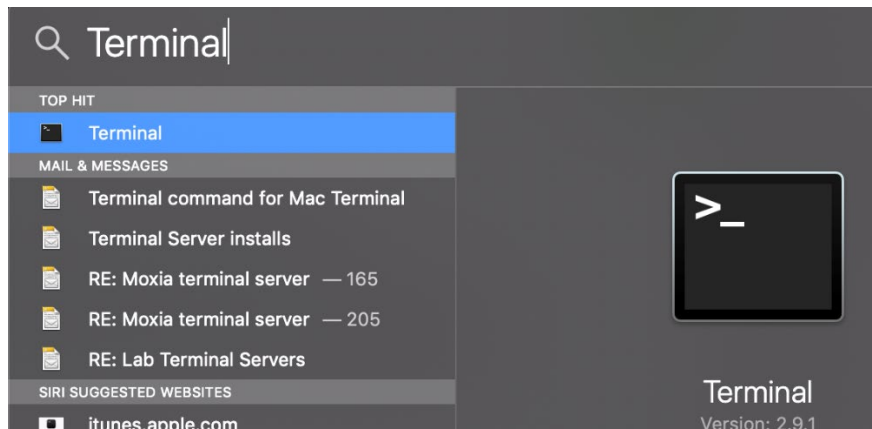
How to check if BigFix is installed and running

Mac Terminal:

1. Click on the Spotlight Search (upper right of your screen)



2. When Dialog box pops-up, type "Terminal" and hit enter

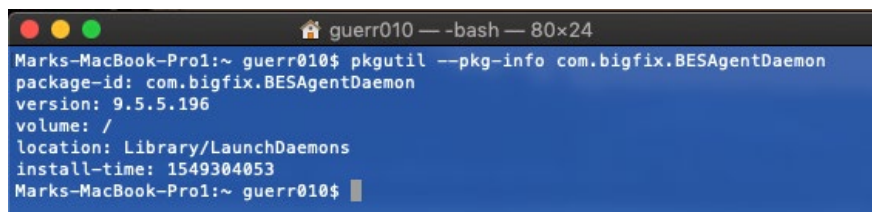


3. When Terminal pops-up, type in the following commands:

```
NetID$ pkgutil --pkg-info com.bigfix.BESAgentDaemon
```

Example: guerr010\$ pkgutil --pkg-info com.bigfix.BESAgentDaemon

4. The following screen will appear if BigFix is installed:

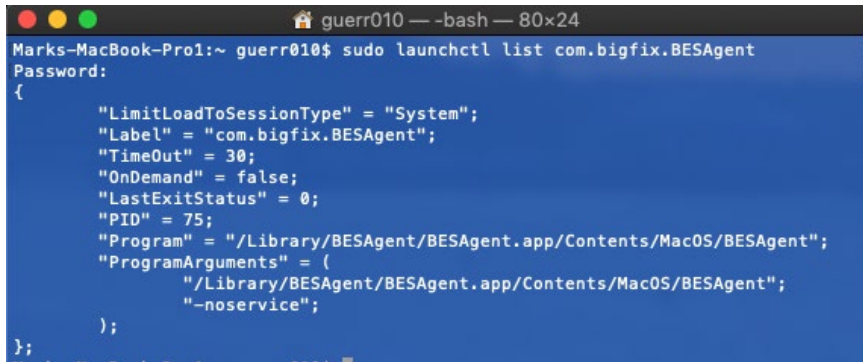


5. Type the following command:

```
user$ sudo launchctl list com.bigfix.BESAgent
```

Example: guerr010\$ sudo launchctl list com.bigfix.BESAgent

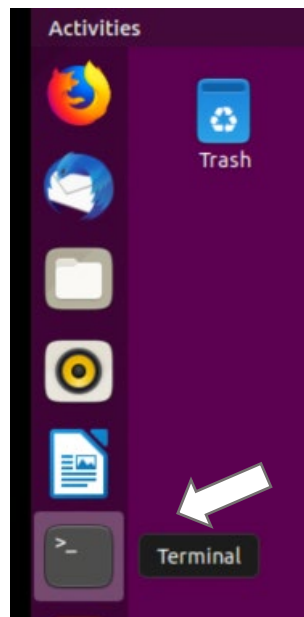
- The following screen will appear if BigFix is running:



```
guerr010 ~ -bash — 80x24
Marks-MacBook-Pro1:~ guerr010$ sudo launchctl list com.bigfix.BESAgent
Password:
{
  "LimitLoadToSessionType" = "System";
  "Label" = "com.bigfix.BESAgent";
  "TimeOut" = 30;
  "OnDemand" = false;
  "LastExitStatus" = 0;
  "PID" = 75;
  "Program" = "/Library/BESAgent/BESAgent.app/Contents/MacOS/BESAgent";
  "ProgramArguments" = (
    "/Library/BESAgent/BESAgent.app/Contents/MacOS/BESAgent";
    "-noservice";
  );
};
```

Linux Terminal (Ubuntu):

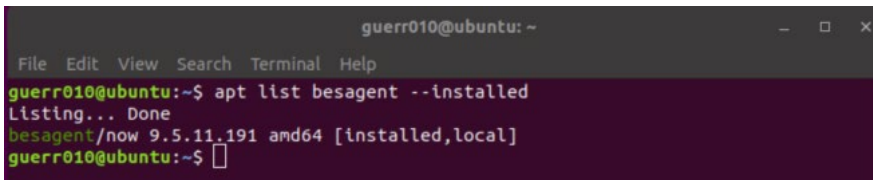
- Click on Terminal Icon



- When Terminal pops-up, type in the following commands:

```
ubuntu:~$ apt list besagent --installed
```

- The following screen will appear if BigFix is installed:

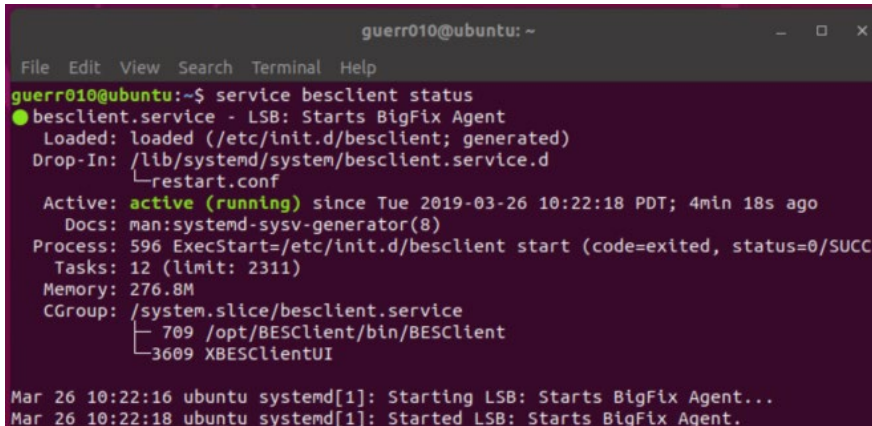


```
guerr010@ubuntu: ~
File Edit View Search Terminal Help
guerr010@ubuntu:~$ apt list besagent --installed
Listing... Done
besagent/now 9.5.11.191 amd64 [installed,local]
guerr010@ubuntu:~$
```

4. Type the following command:

```
ubuntu:~$ service besclient status
```

5. The following screen will appear if BigFix is running:



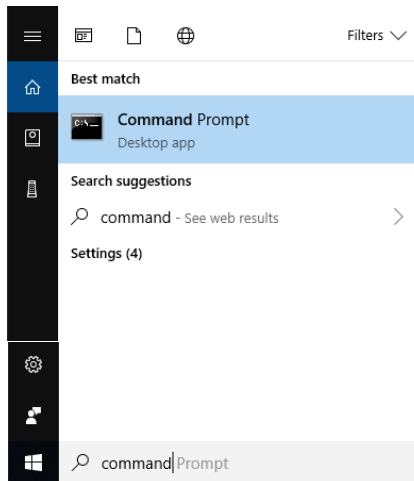
```
guerr010@ubuntu: ~
File Edit View Search Terminal Help
guerr010@ubuntu:~$ service besclient status
● besclient.service - LSB: Starts BigFix Agent
   Loaded: loaded (/etc/init.d/besclient; generated)
   Drop-In: /lib/systemd/system/besclient.service.d
            └─restart.conf
   Active: active (running) since Tue 2019-03-26 10:22:18 PDT; 4min 18s ago
     Docs: man:systemd-sysv-generator(8)
  Process: 596 ExecStart=/etc/init.d/besclient start (code=exited, status=0/SUCCESS)
    Tasks: 12 (limit: 2311)
   Memory: 276.8M
    CGroup: /system.slice/besclient.service
            └─ 709 /opt/BESClient/bin/BESClient
               3609 XBESClientUI

Mar 26 10:22:16 ubuntu systemd[1]: Starting LSB: Starts BigFix Agent...
Mar 26 10:22:18 ubuntu systemd[1]: Started LSB: Starts BigFix Agent.
```

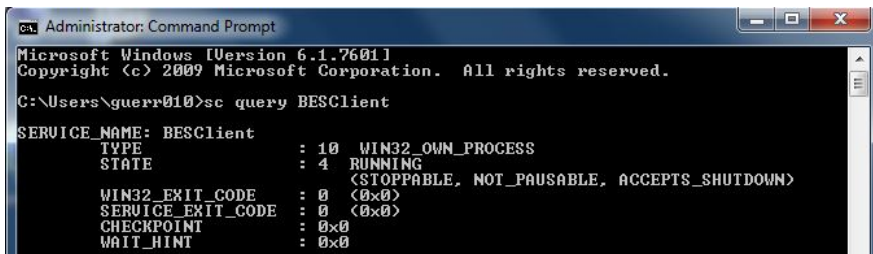
Windows:

For Windows 10

1. In the search bar (lower left corner), type “command” and hit enter



2. When the Command box pops-up, type: **sc query BESClient**
3. If BigFix is installed and running, you will see the following:



```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\guerr010>sc query BESClient

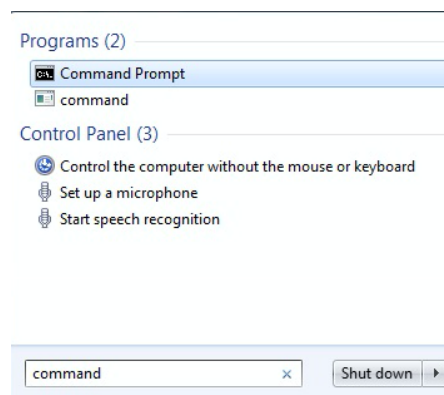
SERVICE_NAME: BESClient
        TYPE               : 10  WIN32_OWN_PROCESS
        STATE                : 4   RUNNING
                        (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
        WIN32_EXIT_CODE      : 0    (0x0)
        SERVICE_EXIT_CODE  : 0    (0x0)
        CHECKPOINT          : 0x0
        WAIT_HINT           : 0x0
```

For Windows 7

1. Click on the Start button



2. When dialog box pops-up, type "command"



3. When the Command box pops-up, type: **sc query BESClient**
4. If BigFix is installed and running, you will see the following:

```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\guerr@10>sc query BESClient

SERVICE_NAME: BESClient
        TYPE               : 10  WIN32_OWN_PROCESS
        STATE                : 4   RUNNING
                        (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
        WIN32_EXIT_CODE       : 0   (0x0)
        SERVICE_EXIT_CODE   : 0   (0x0)
        CHECKPOINT           : 0x0
        WAIT_HINT            : 0x0
```

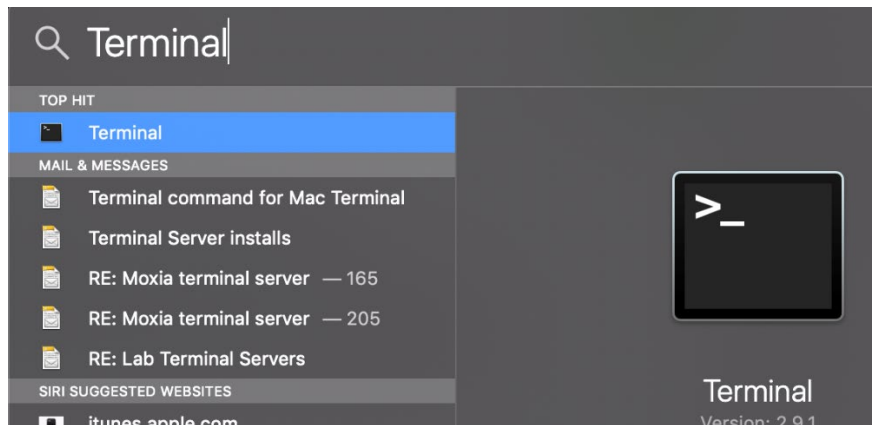

How to check if the NAC Agent installed and running

Mac Terminal:

1. Click on the Spotlight Search (upper right of your screen)



2. When Dialog box pops-up, type "Terminal" and hit enter



3. Type the following: **NetID\$ pkgutil --pkg-info com.bradfordnetworks.PersistentAgent**

Example: guerr010\$ pkgutil --pkg-info com.bradfordnetworks.PersistentAgent

4. The following screen will appear if the NAC Agent is installed:

```
guerr010 — -bash — 87x24
Marks-MacBook-Pro1:~ guerr010$ pkgutil --pkg-info com.bradfordnetworks.PersistentAgent
package-id: com.bradfordnetworks.PersistentAgent
version: 5.1.1.2
volume: /
location:
install-time: 1540213356
Marks-MacBook-Pro1:~ guerr010$
```

5. Type the following: **NetID\$ sudo launchctl list com.bradfordnetworks.daemon**

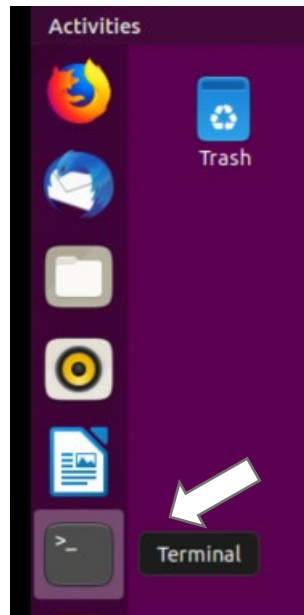
Example: guerr010\$ sudo launchctl list com.bradfordnetworks.daemon

6. The following screen will appear if the NAC Agent is running:

```
guerr010 — -bash — 87x24
Marks-MacBook-Pro1:~ guerr010$ sudo launchctl list com.bradfordnetworks.daemon
Password:
{
  "StandardOutPath" = "/var/log/bndaemon.log";
  "LimitLoadToSessionType" = "System";
  "StandardErrorPath" = "/var/log/bndaemon.error.log";
  "Label" = "com.bradfordnetworks.daemon";
  "TimeOut" = 30;
  "OnDemand" = false;
  "LastExitStatus" = 0;
  "PID" = 95;
  "Program" = "/Library/Application Support/Bradford Networks/Persistent Agent/bn
daemon";
  "ProgramArguments" = (
    "/Library/Application Support/Bradford Networks/Persistent Agent/bndaem
on";
  );
};
```

Linux Terminal (Ubuntu):

1. Click on Terminal Icon



2. When Terminal pops-up, type in the following commands:

```
ubuntu:~$ apt list fortinac-persistent-agent --installed
```

3. The following screen will appear If the NAC Agent is installed:

```
guerr010@ubuntu: ~  
File Edit View Search Terminal Help  
guerr010@ubuntu:~$ apt list fortinac-persistent-agent --installed  
Listing... Done  
fortinac-persistent-agent/now 5.1.1.2-1 amd64 [installed,local]  
guerr010@ubuntu:~$
```

4. Type the following command:

```
ubuntu:~$ service bndaemon status
```

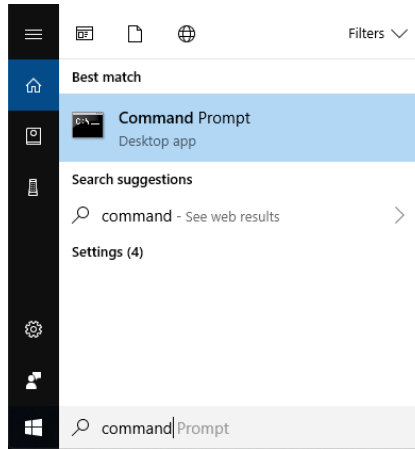
5. The following screen will appear If the NAC Agent is running:

```
guerr010@ubuntu: ~  
File Edit View Search Terminal Help  
guerr010@ubuntu:~$ service bndaemon status  
● bndaemon.service - LSB: FortiNAC Persistent Agent  
Loaded: loaded (/etc/init.d/bndaemon; generated)  
Active: active (running) since Tue 2019-03-26 10:22:18 PDT; 6min ago  
Docs: man:systemd-sysv-generator(8)  
Process: 597 ExecStart=/etc/init.d/bndaemon start (code=exited, status=0/SUCCESS)  
Tasks: 10 (limit: 2311)  
Memory: 11.1M  
CGroup: /system.slice/bndaemon.service  
└─755 /opt/com.bradfordnetworks/PersistentAgent/bndaemon -d -p /var/r
```

Windows:

For Windows 10

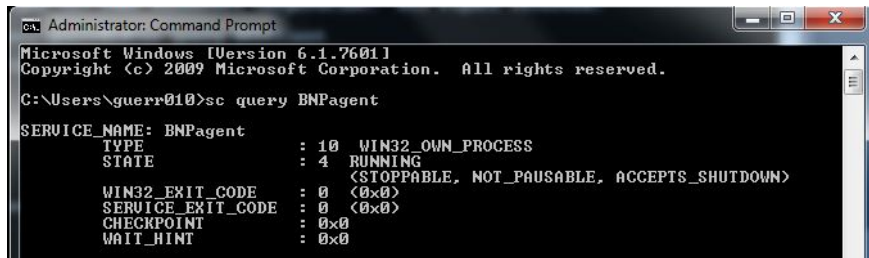
1. In the search bar (lower left corner), type “command” and hit enter



2. Type the following command:

sc query BNPageant

3. The following screen will appear if the NAC Agent is installed and running:

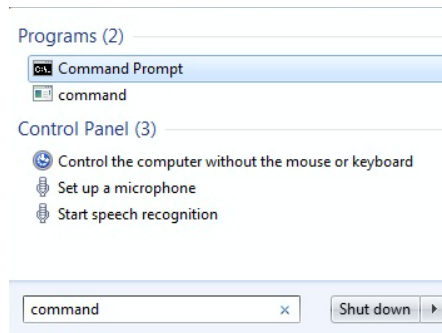


For Windows 7

1. Click on the Start button



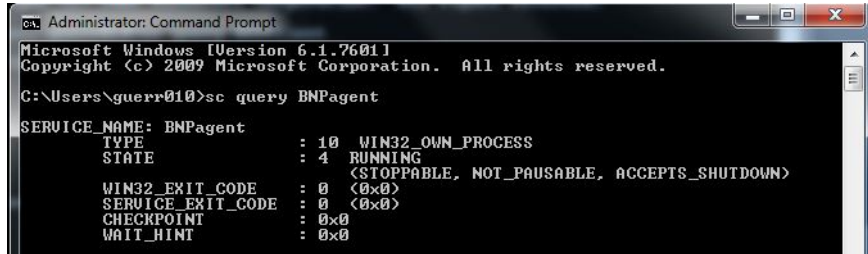
- When dialog box pops up, type command



- Type the following command:

sc query BNPageant

- The following screen will appear if the NAC Agent is installed and running:



```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\guerr010>sc query BNPageant

SERVICE_NAME: BNPageant
        TYPE               : 10  WIN32_OWN_PROCESS
        STATE                : 4   RUNNING
                        (STOPPABLE, NOT_PAUSABLE, ACCEPTS_SHUTDOWN)
        WIN32_EXIT_CODE      : 0    (0x0)
        SERVICE_EXIT_CODE  : 0    (0x0)
        CHECKPOINT          : 0x0
        WAIT_HINT           : 0x0
```