

Ziti Probe

Overview

Zitiprobe is disabled on the VCPE gateways and Window's machines after registration. When you ready to correct probe data, you can turn it on. This section will show how to do that.

Centos 7 (VCPE gateways)

On the Linux, the zitiprobe is started by systemctl service. You can check the status of the zitiprobe by issuing following command at the command prompt:

```
systemctl status ziti-probe
```

The result should show it is **disabled**

```
$ systemctl status ziti-probe
● ziti-probe.service - Ziti Probe service
   Loaded: loaded (/usr/lib/systemd/system/ziti-probe.service; disabled;
 vendor preset: disabled)
   Active: inactive (dead)
```

Issue the following command to start the zitiprobe:

```
sudo systemctl start ziti-probe
```

Issue "status" command, should show the service is now **active (running)**

```
$ systemctl status ziti-probe
● ziti-probe.service - Ziti Probe service
   Loaded: loaded (/usr/lib/systemd/system/ziti-probe.service; disabled;
 vendor preset: disabled)
   Active: active (running) since Mon 2020-09-21 13:33:42 CDT; 4s ago
     Process: 1183 ExecStartPre=/bin/test -f /opt/netfoundry/ziti/ziti-probe/
 PROBENET.json (code=exited, status=0/SUCCESS)
    Main PID: 1185 (ziti-probe) CGroup: /system.slice/ziti-probe.service
```

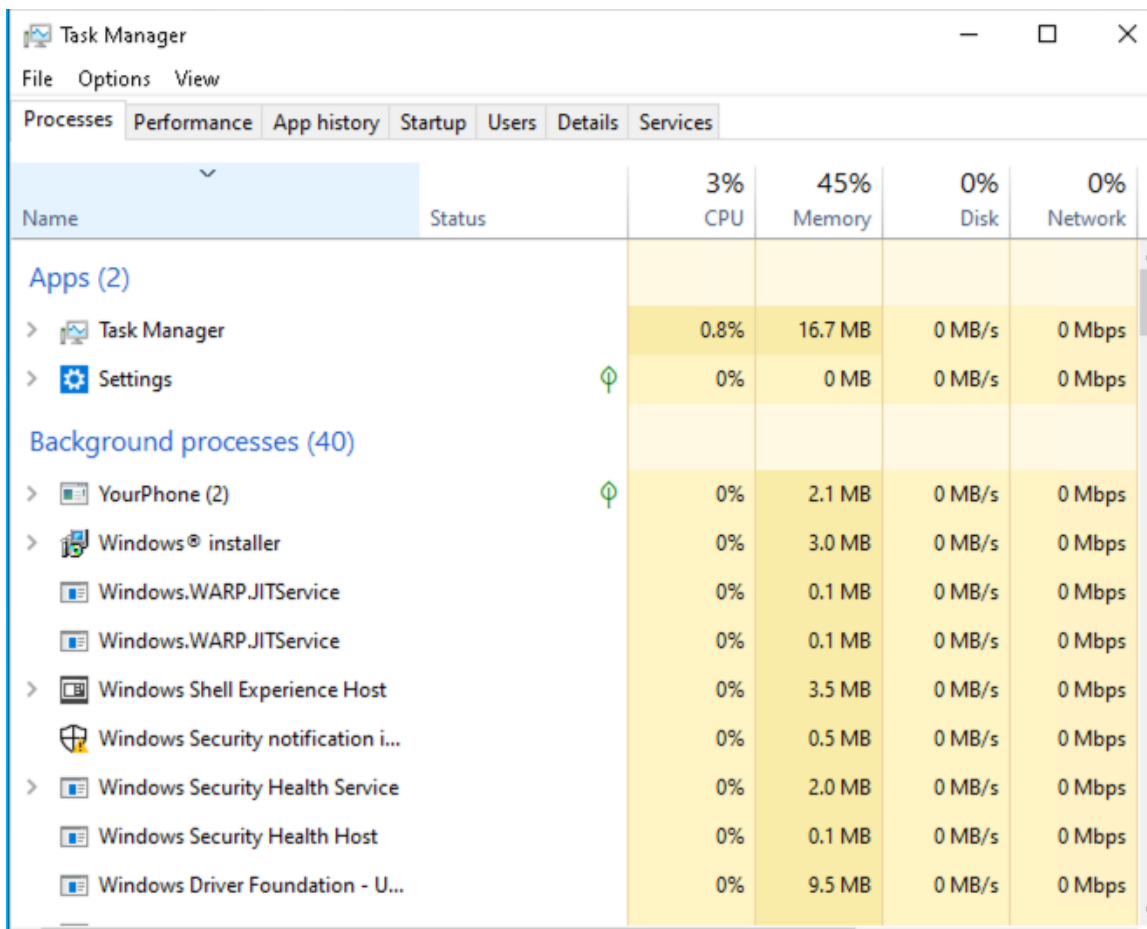
```
└─1185 /opt/netfoundry/ziti/ziti-probe/ziti-probe run /opt/
netfoundry/ziti/ziti-probe/PROBENET.json
```

Once the collection of data is done, you can stop the zitiprobe by issuing this command:

```
sudo systemctl stop ziti-probe
```

Windows

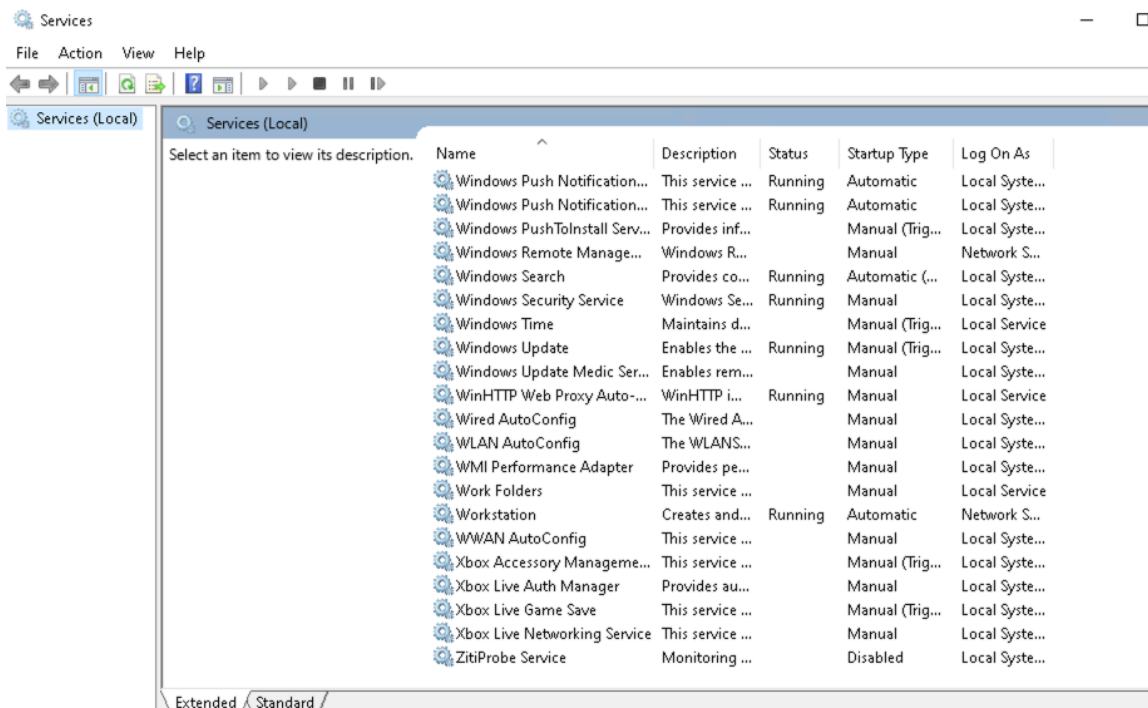
On Windows machines, the zitiprobe is started by Windows' service. By default, it is not running. Start the task manager, you will notice there is no "ZitiProbeService" or "ziti-probe" process running.



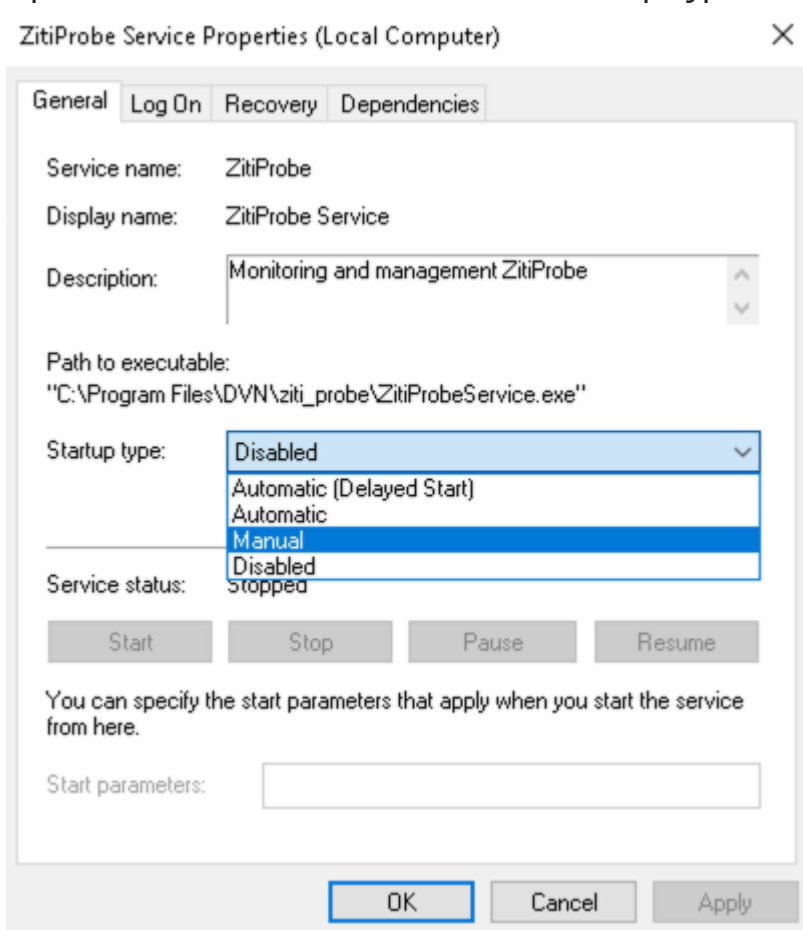
The screenshot shows the Windows Task Manager window with the Performance tab selected. The window title is "Task Manager" and it has a menu bar with "File", "Options", and "View". Below the menu bar are tabs for "Processes", "Performance", "App history", "Startup", "Users", "Details", and "Services". The Performance tab is active, showing a summary of system resources: CPU at 3%, Memory at 45%, Disk at 0%, and Network at 0%. Below this summary is a table of running processes.

Name	Status	3% CPU	45% Memory	0% Disk	0% Network
Apps (2)					
> Task Manager		0.8%	16.7 MB	0 MB/s	0 Mbps
> Settings	🟢	0%	0 MB	0 MB/s	0 Mbps
Background processes (40)					
> YourPhone (2)	🟢	0%	2.1 MB	0 MB/s	0 Mbps
> Windows® installer		0%	3.0 MB	0 MB/s	0 Mbps
Windows.WARP.JITService		0%	0.1 MB	0 MB/s	0 Mbps
Windows.WARP.JITService		0%	0.1 MB	0 MB/s	0 Mbps
> Windows Shell Experience Host		0%	3.5 MB	0 MB/s	0 Mbps
Windows Security notification i...		0%	0.5 MB	0 MB/s	0 Mbps
> Windows Security Health Service		0%	2.0 MB	0 MB/s	0 Mbps
Windows Security Health Host		0%	0.1 MB	0 MB/s	0 Mbps
Windows Driver Foundation - U...		0%	9.5 MB	0 MB/s	0 Mbps

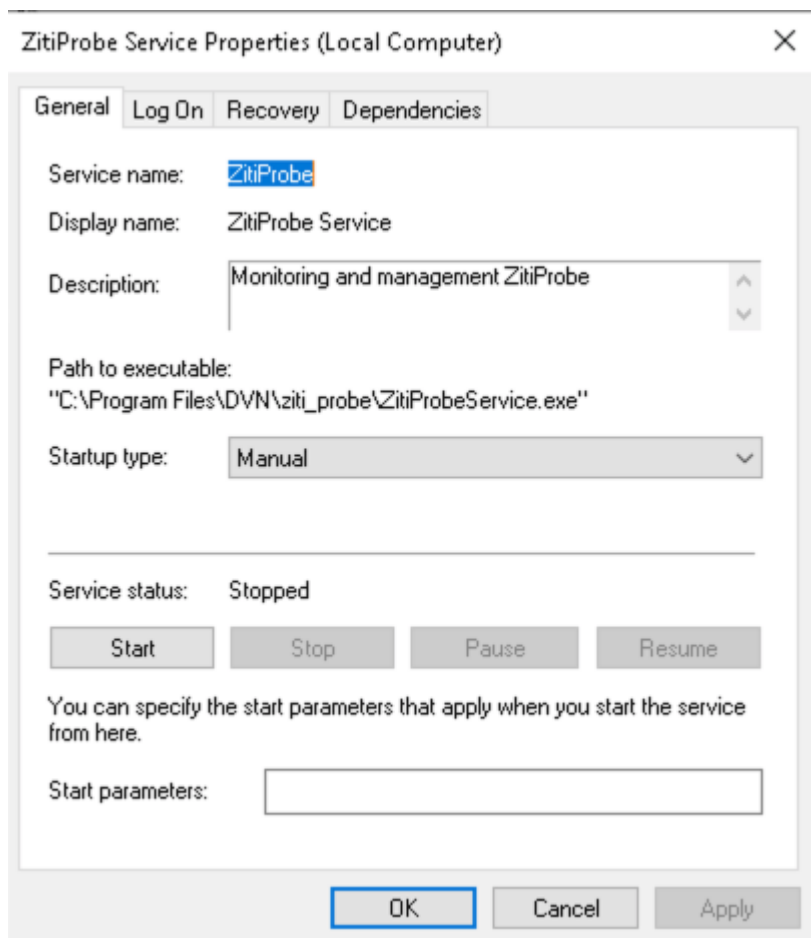
To Start the zitiprobe for data collection, you can open windows **Services** App. Scroll to the bottom of the services, and find "ZitiProbe Service".



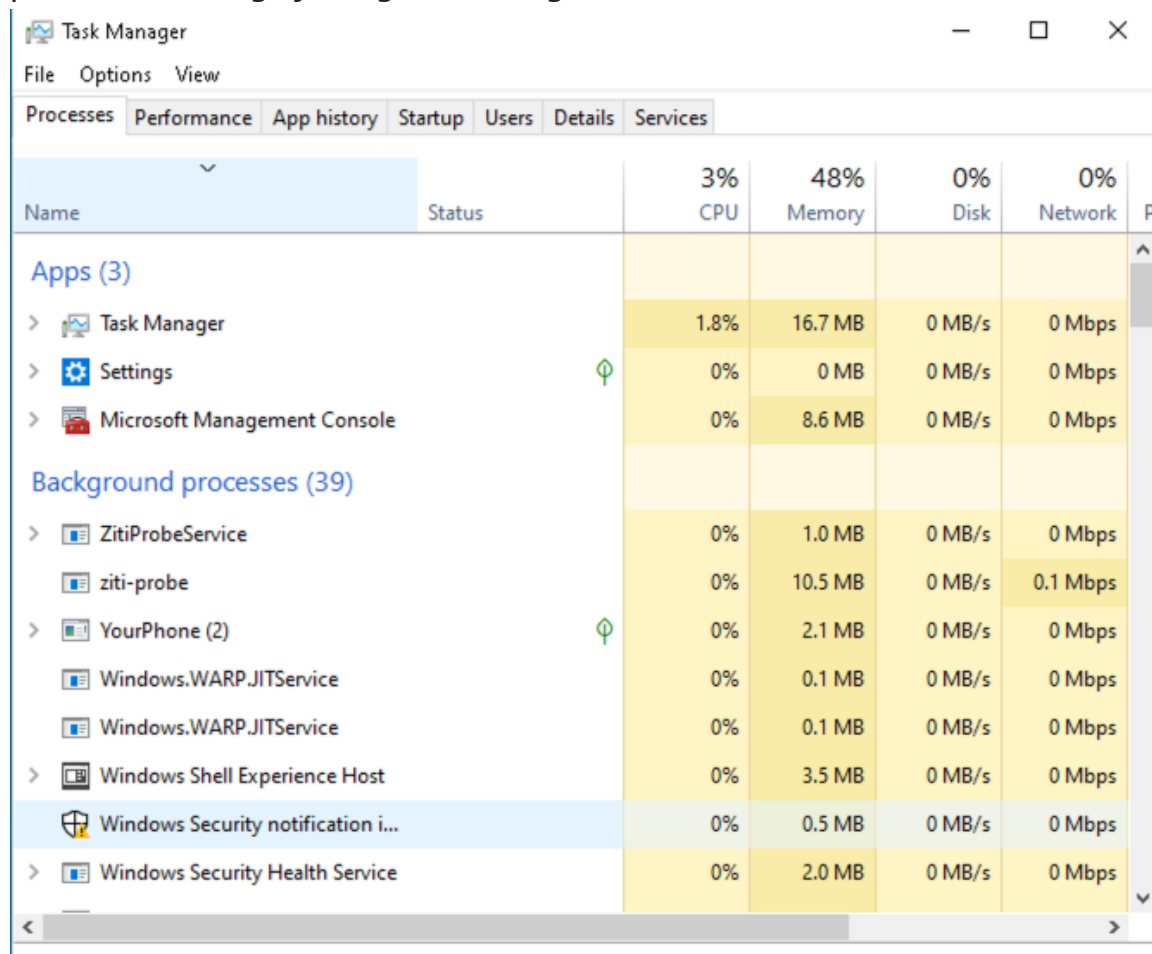
Open "ZitiProbe Service" and set the "Startup Type" to "Manual"



Then press the "Start" button.



This will start the zitiprobe. You can see the "ZitiProbeService" and "ziti-probe" processes running by using task manager



The screenshot shows the Windows Task Manager Performance tab. The 'Processes' section is expanded, displaying a list of running applications and background processes. The 'ZitiProbeService' and 'ziti-probe' processes are visible under the 'Background processes (39)' category. The 'ziti-probe' process is highlighted in yellow, indicating it is the current selection. The table below summarizes the resource usage for the visible processes.

Name	Status	3% CPU	48% Memory	0% Disk	0% Network	P
Apps (3)						
Task Manager		1.8%	16.7 MB	0 MB/s	0 Mbps	
Settings		0%	0 MB	0 MB/s	0 Mbps	
Microsoft Management Console		0%	8.6 MB	0 MB/s	0 Mbps	
Background processes (39)						
ZitiProbeService		0%	1.0 MB	0 MB/s	0 Mbps	
ziti-probe		0%	10.5 MB	0 MB/s	0.1 Mbps	
YourPhone (2)		0%	2.1 MB	0 MB/s	0 Mbps	
Windows.WARP.JITService		0%	0.1 MB	0 MB/s	0 Mbps	
Windows.WARP.JITService		0%	0.1 MB	0 MB/s	0 Mbps	
Windows Shell Experience Host		0%	3.5 MB	0 MB/s	0 Mbps	
Windows Security notification i...		0%	0.5 MB	0 MB/s	0 Mbps	
Windows Security Health Service		0%	2.0 MB	0 MB/s	0 Mbps	

To stop the zitiprobe after data collection, you can go the "ZitiProbe Service" and press the "Stop" button