

# 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
```

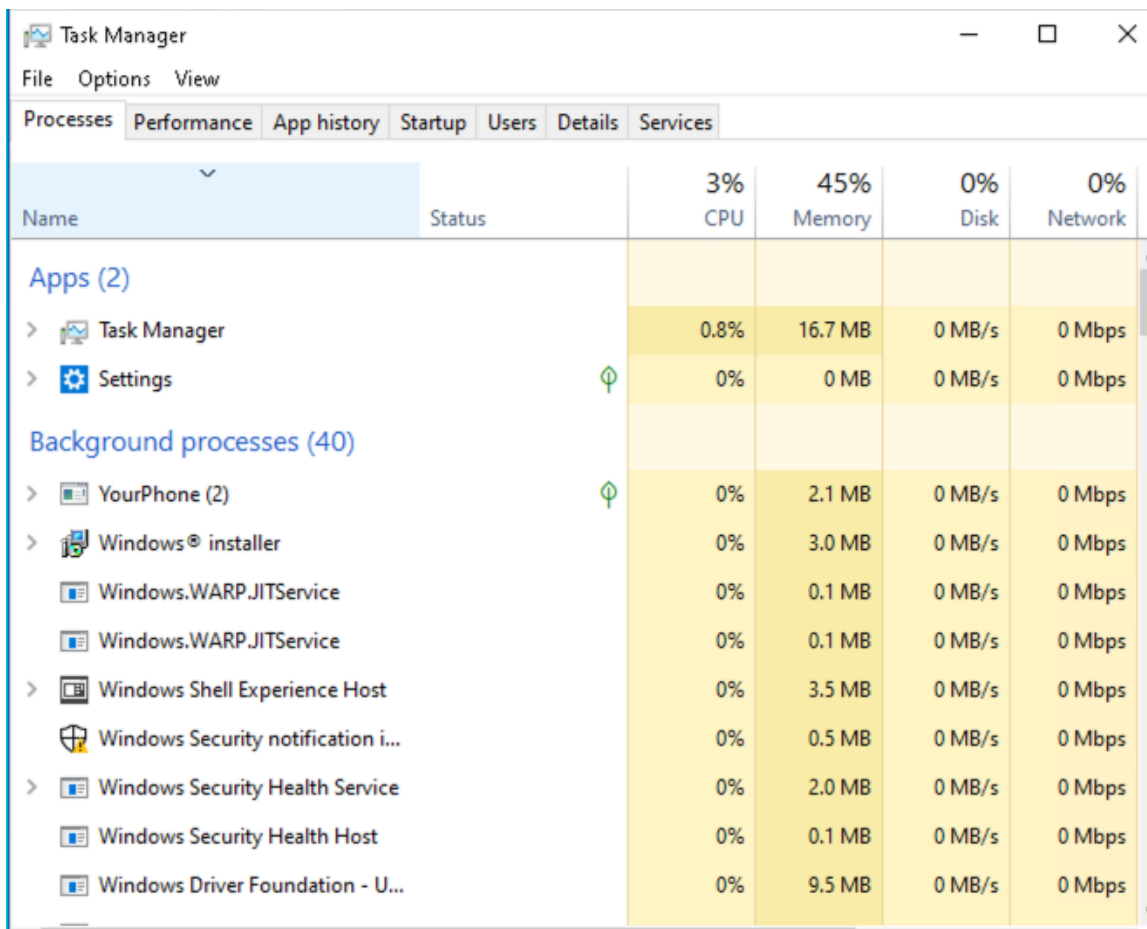
```
└─1185 /opt/netfoundry/ziti/ziti-probe/ziti-probe run /opt/netfoundry/ziti/ziti-probe/PROBENET.json
```

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

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

## Windows

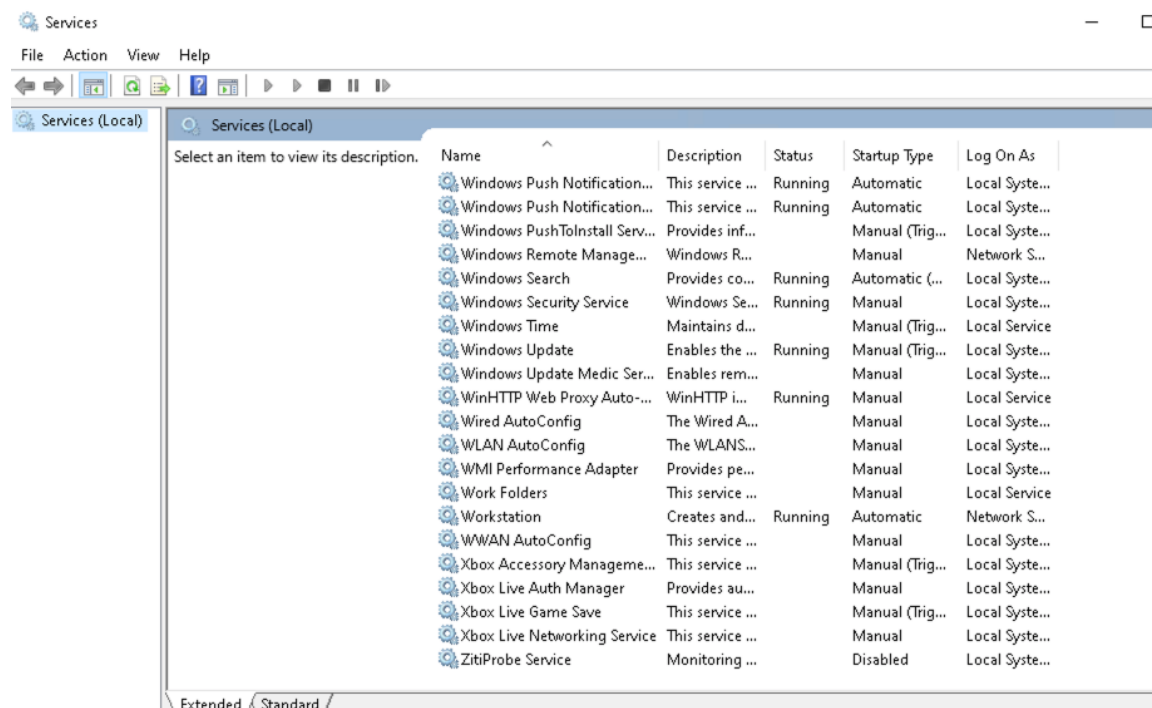
On Windows machines, the zitiprobe is started by Windows' service. By default, it is not running. Start the task manager, you will notice there is no "ZitiProbeService" or "ziti-probe" process running.



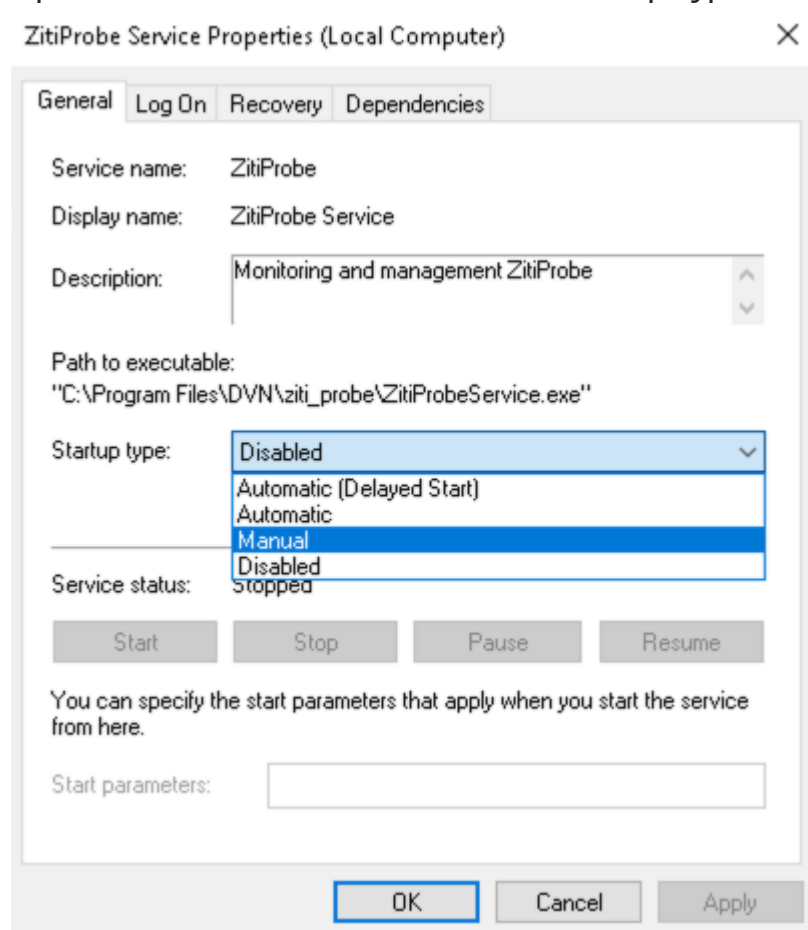
The screenshot shows the Windows Task Manager window with the 'Performance' tab selected. The window title is 'Task Manager' and it has a menu bar with 'File', 'Options', and 'View'. Below the menu bar are tabs for 'Processes', 'Performance', 'App history', 'Startup', 'Users', 'Details', and 'Services'. The 'Performance' tab is active, displaying a table of system resource usage. The table has five columns: 'Name', 'Status', 'CPU', 'Memory', 'Disk', and 'Network'. The 'CPU' column shows 3%, 'Memory' shows 45%, 'Disk' shows 0%, and 'Network' shows 0%. The 'Name' column is expanded to show a list of processes. The list is divided into 'Apps (2)' and 'Background processes (40)'. Under 'Apps (2)', there are 'Task Manager' and 'Settings'. Under 'Background processes (40)', there are 'YourPhone (2)', 'Windows® installer', 'Windows.WARP.JITService' (two instances), 'Windows Shell Experience Host', 'Windows Security notification i...', 'Windows Security Health Service', 'Windows Security Health Host', and 'Windows Driver Foundation - U...'. Each process row shows its CPU, Memory, Disk, and Network usage. For example, 'Task Manager' uses 0.8% CPU and 16.7 MB Memory. 'Windows.WARP.JITService' uses 0% CPU and 0.1 MB Memory. 'Windows Security Health Service' uses 0% CPU and 2.0 MB Memory.

Name	Status	3% CPU	45% Memory	0% Disk	0% Network
<b>Apps (2)</b>					
Task Manager		0.8%	16.7 MB	0 MB/s	0 Mbps
Settings		0%	0 MB	0 MB/s	0 Mbps
<b>Background processes (40)</b>					
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.

ZitiProbe Service Properties (Local Computer)

General Log On Recovery Dependencies

Service name: ZitiProbe

Display name: ZitiProbe Service

Description: Monitoring and management ZitiProbe

Path to executable:  
"C:\Program Files\DVN\ziti\_probe\ZitiProbeService.exe"

Startup type: Manual

Service status: Stopped

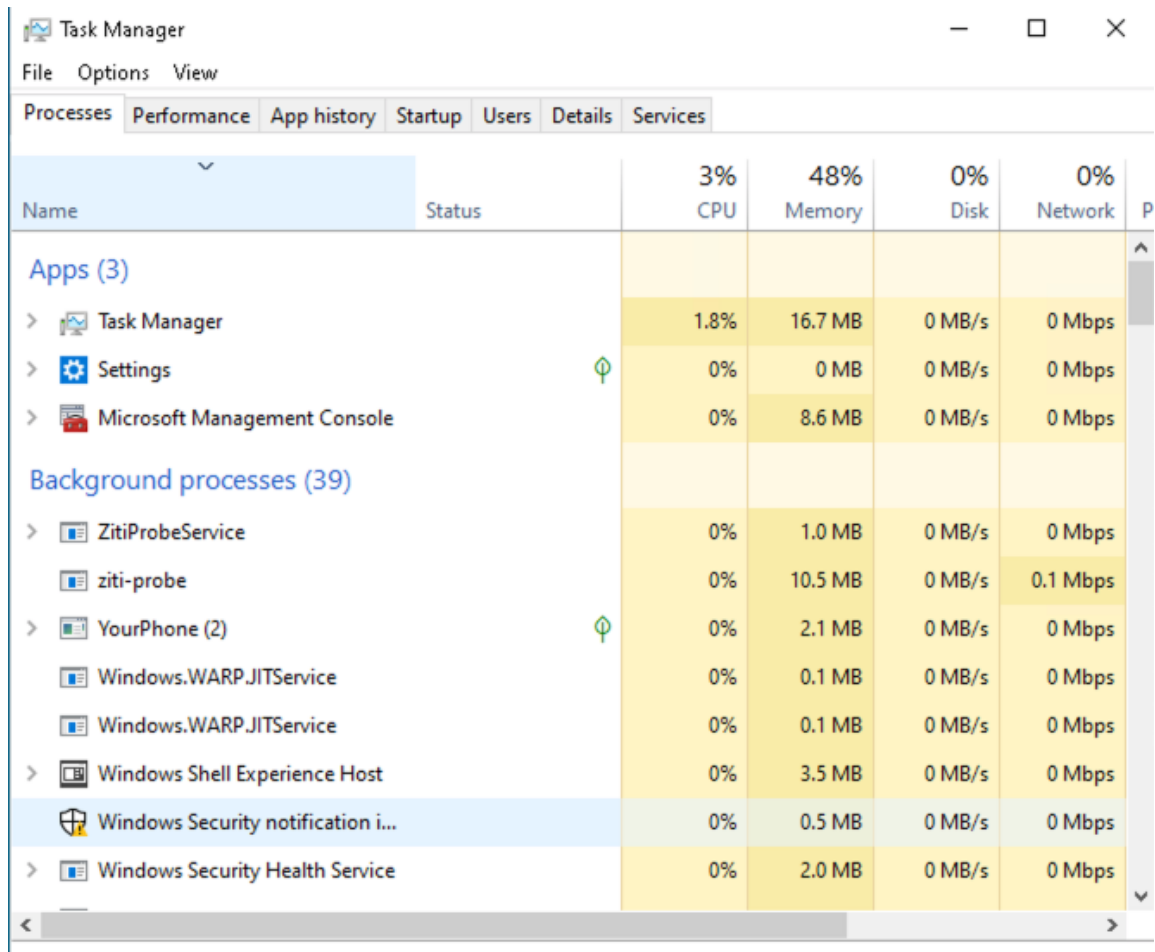
Start Stop Pause Resume

You can specify the start parameters that apply when you start the service from here.

Start parameters:

OK Cancel Apply

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 window with the 'Processes' tab selected. The window title is 'Task Manager' and it has standard Windows window controls. The menu bar includes 'File', 'Options', and 'View'. The tabs at the top are 'Processes', 'Performance', 'App history', 'Startup', 'Users', 'Details', and 'Services'. The 'Processes' tab is active, displaying a list of running processes. The list is organized into two main sections: 'Apps (3)' and 'Background processes (39)'. The 'Apps' section includes Task Manager, Settings, and Microsoft Management Console. The 'Background processes' section includes ZitiProbeService, ziti-probe, YourPhone (2), Windows.WARP.JITService (two instances), Windows Shell Experience Host, Windows Security notification i..., and Windows Security Health Service. Each process row shows its name, status (indicated by a green circle with a checkmark), and resource usage: CPU, Memory, Disk, and Network. The total system usage is shown at the top: 3% CPU, 48% Memory, 0% Disk, and 0% Network. The 'ziti-probe' process is highlighted in yellow, showing 0% CPU, 10.5 MB Memory, 0 MB/s Disk, and 0.1 Mbps Network. The 'ZitiProbeService' process is also highlighted in yellow, showing 0% CPU, 1.0 MB Memory, 0 MB/s Disk, and 0 Mbps Network.

Name	Status	3% CPU	48% Memory	0% Disk	0% Network	P
<b>Apps (3)</b>						
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	
<b>Background processes (39)</b>						
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