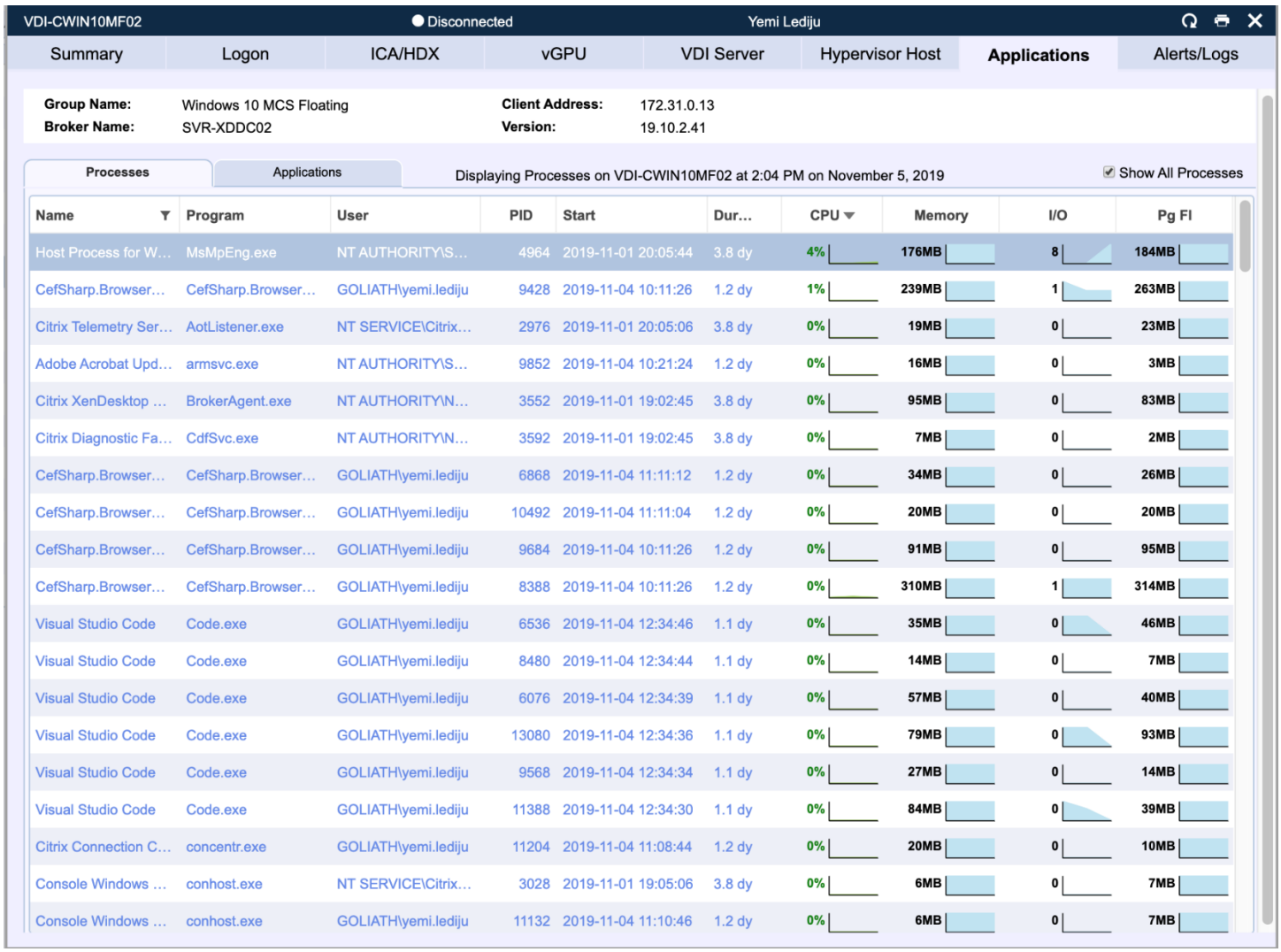
How to Use the Applications Tab Due to Specific Process or Application Issues



The Applications Tab shows all the processes and applications running on the session host machine for the timeframe of the user's session as well as resource utilization of each individual process with a trend graph. Each process running on the machine is integral in providing the applications and functionality for the user's session so having insight into this can facilitate effective troubleshooting when performance is the root cause of issues.

Each of the information/metric tabs can be used to sort top metrics or even search for a particular process to troubleshoot, ultimately giving you a view into any process or application used from within a user session.

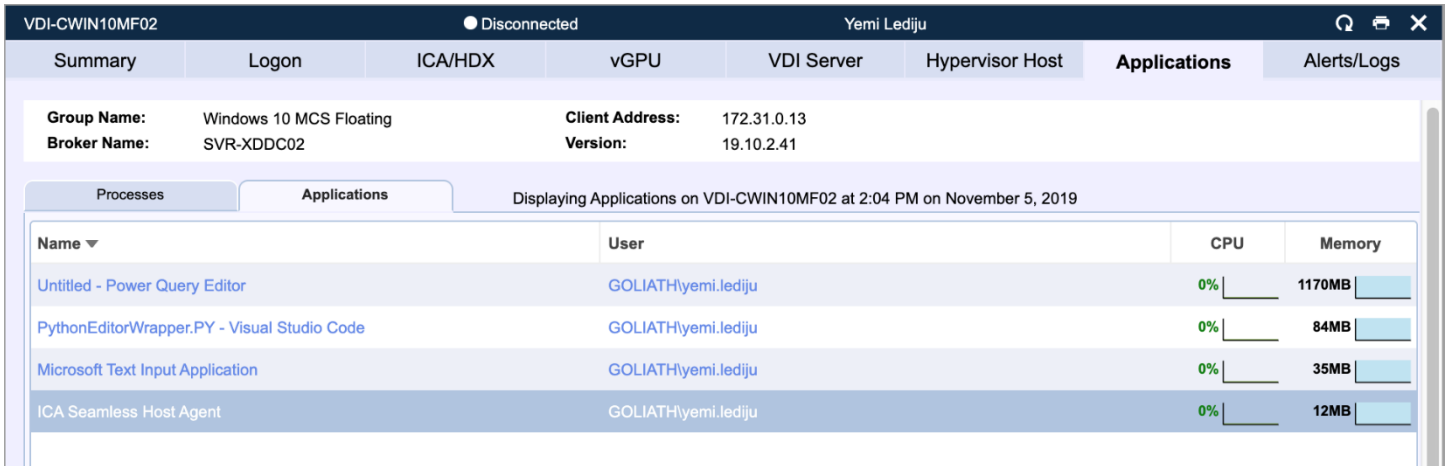
Processes

The processes tab lists out all of the processes that are running or have been running on a session host machine. For each process you can see the following metrics:

- **Name:** The name of the process.
- **Program:** The name of the executable (.exe) that is supported by the process.
- **User:** The AD user that is utilizing the process.
- **PID:** Process ID assigned by windows to differentiate processes.
- **Duration:** How long that process has been running on the machine.
- **CPU:** The amount of CPU resources the process is utilizing at the moment.
- **Memory:** The amount of memory resources the process is utilizing at the moment.
- **I/O:** The number of bytes transferred in input/output operations generated by the process.
- **Pagefile:** The amount of reserved hard disk space the process is using.

How To Troubleshoot Which Process or Application is Causing Slow Performance:

- When resource utilization has been confirmed to be the cause of performance issues, you can sort the metrics by **CPU, Memory, I/O, or Page File** to identify the specific process(es) or application(s) that is utilizing the most resources on the session host machine.
- In shared sessions (Published Apps and Desktops), you are also able to see all the process for all of the users that are on that session host. This then gives you the ability to see if there is a process or different user session that is causing high resource utilization on the session host and then causing issues for multiple users.



Applications

The Applications sub tab lists out all of the applications that are running or have been running on a session host machine. For each process you can see the following metrics:

- **Name:** The name of the application.
- **User:** The AD user that is utilizing the application.
- **CPU:** The amount of CPU resources the application is utilizing at the moment.
- **Memory:** The amount of memory resources the application is utilizing at the moment.