How to diagnose a mysterious process that’s taking too much CPU, memory, IO, etc?  
  
The diagram below illustrates helpful tools in a Linux system.  
  
🔹‘vmstat’ - reports information about processes, memory, paging, block IO, traps, and CPU activity.  
🔹‘iostat’ - reports CPU and input/output statistics of the system.  
🔹‘netstat’ - displays statistical data related to IP, TCP, UDP, and ICMP protocols.  
🔹‘lsof’ - lists open files of the current system.  
🔹‘pidstat’ - monitors the utilization of system resources by all or specified processes, including CPU, memory, device IO, task switching, threads, etc.  
  
Credit: Brendan Gregg, Linux Performance  
  
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