

- Life of a Process
- Managing Processes
- Process Utilization
- Graded Assessments
- Graded App Item: Maintain Efficient Process Utilization on Windows 1h
- Graded App Item: Maintain Efficient Process Utilization on Linux 1h
- Quiz: Process Management 10 questions

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Quiz • 30 min

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1. When Windows smss.exe non-kernel process that starts? 1 / 1 point Try again

☒ The smss.exe process

☐ Powershell.

☐ The csrss.exe process

☐ The wininit.exe process

☐ Correct

2. When a process completes its task, what happens? Select all that apply. 0.5 / 1 point

☒ The process goes into a suspended state.

☒ This should not be selected
Please review the video [on creating and terminating processes in Linux](#).

☒ The process releases all the resources it was using to its parent.

☒ This should not be selected
Please review the video [on creating and terminating processes in Linux](#).

☒ The process releases all the resources it was using back to the kernel.

☐ Correct

☒ The process terminates automatically.

☐ Correct

3. Which of the following process information can you find in Windows Task Manager? Select all that apply. 0.75 / 1 point

☒ The CPU resources the process is using

☐ Correct

☒ The memory resources the process is using

☐ Correct

☒ What time the process started

☒ This should not be selected
Please review the video [how to get information on processes running in Windows](#).

☒ What application or image the process is running

☐ Correct

4. When using the ps -x command to check the status of a process in Linux, how would you know if a process is suspended (stopped)? 1 / 1 point

☐ There is a letter S under the COMMAND field.

☐ There is a letter R under the STAT field.

☐ There is a letter S under the STAT field.

☒ There is a letter T under the STAT field.

☐ Correct

5. Which of the following represents a signal in Linux? 1 / 1 point

☐ TOUCH

☐ SUDO

☐ PING

☒ SIGPROF

☐ Correct

6. You launch notepad.exe from a PowerShell command prompt. Later, you use Process Explorer to restart the notepad.exe process? After restart, what is the parent process of notepad.exe? 1 / 1 point

☐ smss.exe

☒ Process Explorer (procxp.exe)

☐ PowerShell (powershell.exe)

☐ notepad.exe

☐ Correct

7. In Linux, what signal puts a process into a suspended state? 1 / 1 point

☒ SIGTSTP

☐ SIGKILL

☐ SIGINT

☐ SIGTERM

☐ Correct

8. In iOS and Android, what's the first thing you should try when troubleshooting a misbehaving app? 1 / 1 point

☐ Close apps, one at a time, starting with the least recently used app.

☐ Check for an app that is using a lot of battery.

☐ Uninstall apps, one at a time, starting with the least recently used app.

☒ Close apps, one at a time, starting with the foreground app.

☐ Correct

9. In Windows, what information is displayed by the Resource Monitoring tool? Select all that apply. 0.5 / 1 point

☒ Process information along with data about the resources that the process is consuming

☐ Correct
Please review the video [on how to monitor resources in Windows](#).

☒ Information about particular resources on the system (like CPU, Memory, and Network usage)

☐ Correct

☒ Information about current time and how long your system's been running

☒ This should not be selected

☒ System hardware properties

☒ This should not be selected
Please review the video [on how to monitor resources in Windows](#).

10. Which of the following Linux commands shows information about the current time, how long your system's been running, how many users are logged on, and what the load average of your machine is? 1 / 1 point

☒ uptime

☐ top

☐ lsof

☐ ps -ef

☐ Correct