**Resources and Processes**

**Multiple Choice Questions**

1. Which command is used in Windows CMD to list all running processes?
2. get-process
3. taskkill
4. tasklist
5. kill
6. What is the PowerShell command to terminate a process?
7. taskkill
8. ps
9. stop-process
10. kill
11. What does the ps command do in Linux?
12. Displays disk usage
13. Lists currently running processes
14. Monitors network connections
15. Clears log files
16. Which option in the ps command shows all processes in long format?
17. -a
18. -l
19. -e
20. -v
21. What does the kill command do in Linux?
22. Restarts a process
23. Terminates a process by sending a signal
24. Starts a new process
25. Renames a process
26. What is the default signal used by the kill command?
27. SIGKILL
28. SIGTERM
29. SIGINT
30. SIGSTOP
31. Which signal is sent by the command kill -9?
32. SIGTERM
33. SIGKILL
34. SIGSTOP
35. SIGHUP
36. What does the pgrep command do?
37. Finds and kills processes by ID
38. Finds process IDs based on name or pattern
39. Lists system resources used by a process
40. Terminates all processes with a specified name
41. How can you forcefully kill a process using the kill command?
42. kill -2
43. kill -15
44. kill -9
45. kill -0
46. What is the purpose of the killall command?
47. Lists all running processes
48. Terminates all processes with a specific name
49. Restarts all system services
50. Displays CPU usage
51. Which Windows command can be used to terminate a process by its name?
52. stop-process
53. taskkill
54. tasklist
55. ps
56. Which command filters command output using a search pattern in Linux?
57. kill
58. grep
59. pgrep
60. ps
61. Which option is used with ps to display all processes?
62. -v
63. -e
64. -k
65. -r
66. Which signal is non-catchable and immediately terminates a process?
67. SIGTERM
68. SIGINT
69. SIGKILL
70. SIGSTOP
71. What does the -f option provide in the ps command?
72. Filters processes based on name
73. Full format with detailed information
74. Forces termination of processes
75. Displays only foreground processes
76. In PowerShell, which command displays a list of processes?
77. taskkill
78. get-process
79. tasklist
80. kill
81. How can you display all available signals using the kill command?
82. kill -e
83. kill -f
84. kill -l
85. kill -a
86. Which command would you use to gracefully terminate a process with process ID 1234?
87. kill -9 1234
88. kill -15 1234
89. kill -1 1234
90. pgrep 1234
91. Which signal is used to stop a process temporarily, like pressing Ctrl + Z?
92. SIGKILL
93. SIGSTOP
94. SIGCONT
95. SIGTSTP
96. What does the bg command do in Linux?
97. Stops a running job
98. Kills a background process
99. Resumes a stopped job in the background
100. Moves a process to the foreground
101. What is the difference between ps and jobs?
102. ps only shows processes started by the current user
103. jobs shows only system services
104. jobs shows background tasks for the current shell, while ps lists system-wide processes
105. ps can list background tasks, but jobs shows process IDs
106. Which Linux command can be used to continuously monitor running processes?
107. jobs
108. ps -ef
109. pgrep
110. top

1. Which command can be used to kill multiple processes based on their name?
2. pgrep
3. taskkill
4. killall
5. get-process

1. How can you bring the second job listed by the jobs command back to the foreground?
2. fg %2
3. fg 2
4. bg %2
5. ps 2
6. What does the taskkill command do in Windows?
7. Lists all running processes
8. Kills a specific process by its PID or name
9. Displays resource usage for a specific process
10. Moves a process to the foreground