

# Managing Linux Processes

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# Exam Objectives

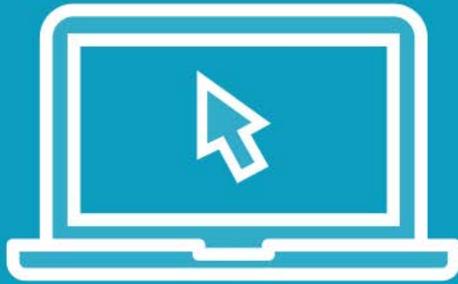


**Identify resource utilization by process**

**Verify the integrity and availability of key processes**



# Demo



Using the process status or `ps` command

Monitor process usage from `/proc` and use the `$$` variable

Manage processes with `kill`

Use shortcuts with `pgrep` and `pkill`

Monitor resource usage with `top`



Using ps

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# The /proc Directory and the \$\$ Variable

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# Sending Signals with kill

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# Using pgrep and pkill

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ps



UNIX `ps -elf`

BSD `ps aux`

GNU `ps --forest`



/proc



```
cd /proc/$$/
```

```
cat /proc/loadavg
```



kill



Default signal is to terminate

`kill -l` to list signals

`kill -15 PID`

`kill -9 PID`

`stty -a` Lists keyboard shortcuts



p-tools



**pgrep**

**pkill**

**ps -F -p \$(pgrep sshd)**

**pkill sleep**



# Next Up: Managing Process Priority

