



Memory

Quiz, 5 questions

5/5 points (100%)**Congratulations! You passed!**[Next Item](#)1 / 1
point

1.

A rather complete picture of memory usage can be gotten by viewing the following pseudofile:

- ☐ **/sys/meminfo**
- ☐ **/proc/cpuinfo**
- ☐ **/proc/memory**
- ☒ **/proc/meminfo**

**Correct**

This contains a detailed view of memory usage.

1 / 1
point

2.

Select all true statements:

- ☒ Memory used directly by the Linux kernel is never swapped out.

**Correct**

Kernel memory is "pinned" unlike that used by applications.

- ☒ There is no uniform prescription for how much swap space to use.

**Correct**

Prescriptions vary, but the most common choice is swap size = RAM size.

- ☒ Using swap space lets the system pretend it has more memory than it physically has.

**Correct**

Swap extends your physical memory.

- ☐ Using swap space ties up system memory, but boosts performance.

**Un-selected is correct**1 / 1
point

3.

Which statement(s) are correct?

- ☒ A process may contain many threads.





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5/5 points (100%)

3. Multithreaded processes are common.

☐ A thread may contain many processes.



Un-selected is correct

☐ The **pthread**s library enables multithreaded applications to be written just once for many different operating systems.



Correct

☐ A process may contain only one thread.



Un-selected is correct



1 / 1
point

4.
The OOM Killer

- ☐ Suspends the system until more memory becomes available
- ☒ Tries to keep the system running by killing processes which are using more memory than can be supplied



Correct
The idea is to keep running or at least get a graceful shutdown



1 / 1
point

5.
Which of the following are utilities used to work with swap space?

☐ **mkswap**



Correct
The only three swap utilities are **mkswap**, **swapon** and **swapoff**.

☐ **swapchk**



Un-selected is correct

☐ **swap**



Un-selected is correct

☐ **swapon**



Correct
The only three swap utilities are **mkswap**, **swapon** and **swapoff**.

☐ **swapoff**





Correct
Memory

The only three swap utilities are **mkswap**, **swapon** and **swapoff**.

5/5 points (100%)

