



Congratulations! You passed!

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



/proc/cpuinfo



/sys/meminfo

This should not be selected
There is no such file.



/proc/meminfo



/proc/memory



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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.



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



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.



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3. Which statement(s) are correct?



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

Correct



A thread may contain many processes.

Un-selected is correct



A process may contain many threads.

Correct

Multithreaded processes are common.



A process may contain only one thread.

Un-selected is correct



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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



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



swap

Un-selected is correct



swapoff

Correct

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



swapchk

Un-selected is correct



mkswap

Correct

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



swapon

Correct

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

