

# Quiz

March 19, 2024

Which of the followings is/are true about `exit()` and `wait()`?

- ☒ A `Exit()` is always invoked when the process terminates
- ☐ B Upon `Exit()`, kernel sends `SIGCHLD` to the parent process only if the parent process already calls `wait()`
- ☒ C `Exit()` performs re-parenting for all the children processes of the terminated process.
- ☒ D A process becomes a zombie process when it is terminated but not yet cleaned up by its parent process

提交

Which of the following is/are true about user-level and kernel-level thread?

A

Many-to-many mapping requires thread implementation on both user-level and kernel-level

B

The benefit of one-to-many mapping is that when a user thread blocks on I/O, it may use other kernel thread to run

C

Kernel-level thread is an implementation of the thread abstraction in the OS kernel

D

With many-to-one mapping, the OS kernel can schedule user threads independently

提交