**System Calls**

**fork:**

Creates a new process by cloning the calling process.

The calling process is called the parent process.

**mmap:**

Transfers memory of a process to a different physical address.

**waitpid:**

The parent process waits until the child process changes its status

**stat:**

Retrieves information about file

**chmod:**

Changes permissions of a file

**kill:**

Sends any signal to any process

**System Calls Fail**

**fork:**

Not enough memory available for the new process.

**exec:**

New File doesn't exist

**read:**

File doesn't exist

**unlink:**

Name doesn't exist

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**Traps:**

A trap in an OS is used to switch to Kernel Mode.