System Initialization

Memory

Networking

📖 **Reading:** Networking and Network Interfaces

15 min

▶ **Video:** Using Predictable Network Interface Device Names

2 min

📖 **Reading:** Networking and Network Interfaces (Cont.)

15 min

📖 **Reading:** Static Configuration of a Network Interface (Lab)

30 min

✓ **Quiz:** Networking

Using Predictable Network Interface Device Names

Naming Networks

- Simply naming network devices as **eth0**, **eth1**, etc. can be problematic when multiple interfaces exist, or when the order in which the system probes for and then finds them is not deterministic and can depend on kernel version and options

- Many system administrators have solved this problem in a simple manner, by hard-coding associations between hardware (MAC) addresses and device names in system configuration files and startup scripts

- A more modern approach is offered by the **Predictable Network Interface Device Names** scheme, which is strongly correlated with the use of udev and integration with systemd