

## Layer 3 Switches

- Provide Layer 2 Switching & Layer 3 Routing.
  - OSI Layer 2 (Data Link): Switching
    - MAC Addresses
  - o OSI Layer 3 (Network): Routing
    - IP Addresses
- Managed Switch Capability
- Used in Conjunction with VLANs
- Provides:
  - VLAN Switching
  - IP Routing between VLANs
- One Device Instead of Router & Switch

6 Departmental VLANs