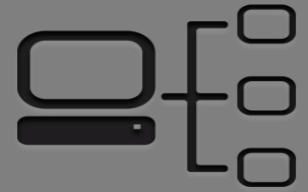


Virtual LANs (VLANs)



- Essential LANs within a LAN
- Break up a large “physical” LAN into several smaller “logical” LANs.
- Accomplished with managed switches.
- Assign specific switch interfaces (ports) to specific virtual LANs.
 - Human Resource VLAN (Interfaces 1, 2, 3)
 - Accounting VLAN (Interfaces 4, 5, 6)
- Benefits of VLANs
 - Reduces Broadcast Domains
 - Segments Network by Role
 - Increases Security
 - Devices Cannot Communicate with Other VLANS
 - Group Devices by Need, Not Physical Location

