4/6/2023

* Started out by placing network equipment and connections and selecting the correct cabling.
* What will we need to implement?
  + Vlans
  + CDP enabled
  + Inter vlan routing via Sub interfaces AKA ROAS
    - Gig0/1.10 -> 192.168.1.0/26
    - Gig0/1.10 -> 192.168.1.64/26
    - Gig0/1.10 -> 192.168.1.128/26
  + An Access point to host the wireless connections
    - Multiple LANS on 1 AP (Watch out for the channels) ?
    - 2.4Ghz (Placed each 5 channels apart 1,6,11)
    - For this Lab were using an AP Per vlan.
      * For single LAN deployments use Access point AP-PT modelss
  + Configure DHCP for Router.
    - Each vlan gets its own subnet pool
    - Exclude first 3 address of each pool.
    - The router knows which Vlan is requesting DHCP info due too dotq tag.
      * DHCP default router will respond to the vlan with the respective tag.
    - All traffic incoming for the interface

5/7/2023

* Challenge: Complete this using a WLC rather instead of configuring each AP 1 by 1