en

config t

vlan 10

name users

vlan 999

name unused

exit

interface range f0/1-5, g0/1

switchport mode access

switchport access vlan 10

interface range f0/1-5

switchport port-security

switchport port-security maximum 4

switchport port-security violation restrict

switchport port-security aging time 10

switchport port-security mac-address sticky

exit

interface f0/1

switchport port-security mac-address 00D0.D3DC.2825

exit

ip dhcp snooping

ip dhcp snooping vlan 10,999

interface range f0/1-5, g0/1

ip dhcp snooping limit rate 5

exit

interface g0/1

ip dhcp snooping trust

exit

ip arp inspection vlan 10,999

interface g0/1

ip arp inspection trust

exit

interface range f0/1-5

spanning-tree portfast

spanning-tree bpduguard enable

interface range f0/6-24, g0/2

switchport mode access

switchport access vlan 999

shutdown

--

en

config t

interface g0/0/0.10

description WLAN users

encapsulation dot1q 10

ip address 192.168.10.1 255.255.255.0

exit

ip dhcp excluded-address 192.168.10.1

ip dhcp excluded-address 192.168.10.254

ip dhcp pool WLAN-hosts

network 192.168.10.0 255.255.255.0

default-router 192.168.10.1

dns-server 198.51.100.163

exit

interface g0/0/1

ip address dhcp

--

enable

conf t

ip route 0.0.0.0 0.0.0.0 g0/0/2

ip route 0.0.0.0 0.0.0.0 s0/1/0 10

ipv6 route ::/0 2001:DB8:ACAD:A::2

ipv6 route ::/0 2001:db8:acad:b::2 10

ip route 192.168.10.0 255.255.255.0 g0/0/2

ip route 192.168.10.0 255.255.255.0 s0/1/0 10

ip route 192.168.3.122 255.255.255.255 s0/1/1

ipv6 route 2001:db8:acad:3::122/128 2001:db8:acad:d::2