B04902103 資工二 蔡昀達

1.

在core switch 上查詢ARP table 得到140.112.31.254 的MAC address

目前switch = core switch

while True:

在目前switch 上查詢MAC address table 找該MAC address 所在interface

if interface 對面is end user:

找到了

else if 對面is switch:

目前switch = 對面的switch

3.

a. yes

b. communicating between vlan's within different networks would require a layer 3 device, the network layer where the ip address lives. So what you need to do is either have a rouetr hooked to the switch, with sub interfaces that can route packets to the different vlans, or have a layer 3 switch, which does inter-vlan routing.

c. MayIeatEat?