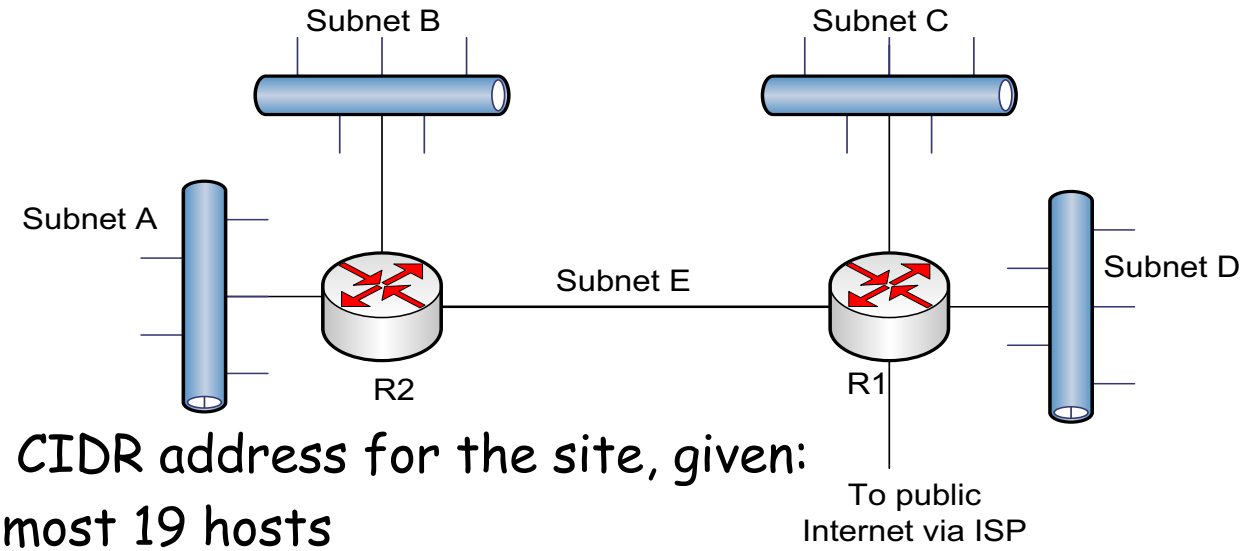
Course Evaluation

- To access and submit an evaluation, use any portable smart device (phone, tablet, laptop…) and type the following URL into your internet browser's search field:

  bu.campuslabs.com/courseeval

  - Enter your BU login name and Kerberos Password. Complete the particular evaluation assigned to you for this particular course.
  - Your evaluations are **anonymous**, and instructors will not receive results until after all final grades have been submitted.
  - Comments in the text fields are valued and encouraged. Please try to answer all questions (if a question is not applicable to you or you do not wish to answer it, skip it).
  - When you are done, please close your browser.

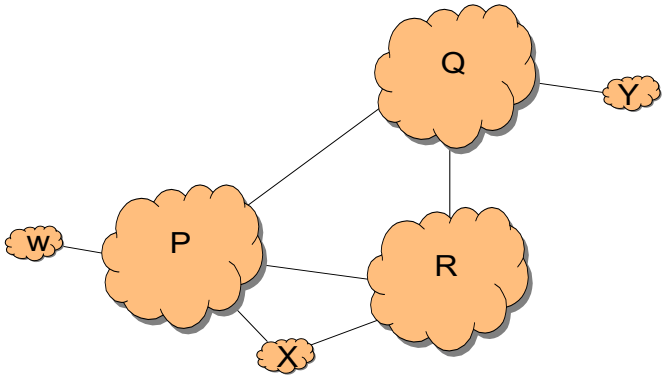
Sample Q2



- What's the single aggregated CIDR address for the site, given:
  - Each of A—D contains at most 19 hosts
  - E connects routers R1 and R2

- What's the CIDR address range for each subnet?

Sample Q3

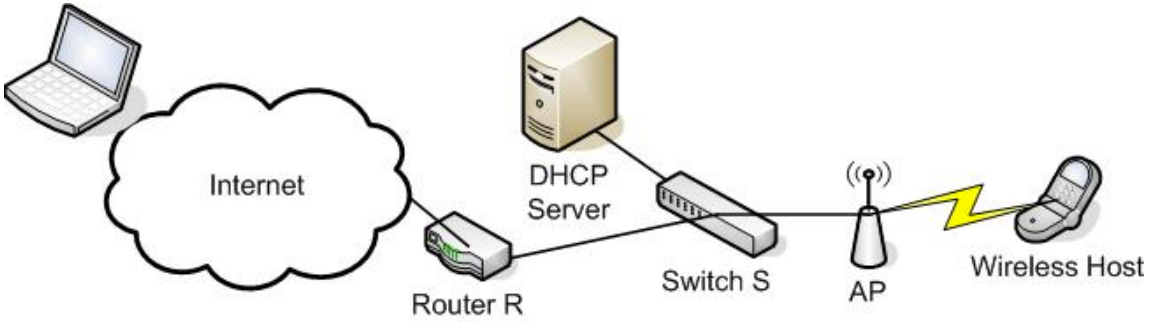


Given P-Q, Q-R, P-R are peers, and W, X, Y are customers,

- What BGP routes will X advertise to P?

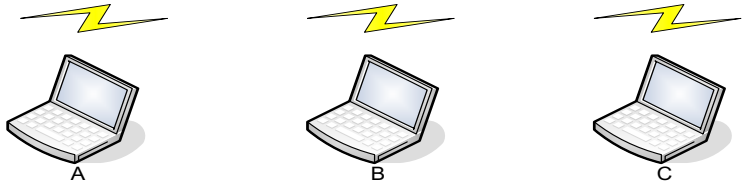
- What is the routing table for a router in Q, given:
  - P: C1.0.0.0/8, W: C1.A3.0.0/16, X: C1.B0.0.0/12
  - Q: C2.0.0.0/8, Y: C2.0A.10.0/20
  - R: C3.0.0.0/8

Sample Q4



- For the wireless host "X" to communicate with another host "B" on the Internet, how many frames will be *transmitted* in the process of DHCP exchange and TCP handshaking exchange over both wireless and Ethernet LAN? Assume X learns IP addresses of R and B from DHCP.

Sample Q5



Given that a node cannot send & receive at the same time slot, and a collision happens if a node hears more than one transmission:

- What is the maximum (steady-state) rate (expressed in messages/slot) at which data messages can be transferred from C to A, given that there are no other messages between any other source/destination pairs?

- Suppose now that A and C both send messages to B. What is the combined maximum rate at which data messages can flow from A and C to B?

- Repeat assuming a wired scenario.

Good Luck!