CSE 490/EEE453 Quiz # 3

Marks:

3

3

Student ID:

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Time: 15 minutes

EIRGP is protocol independent, what does it mean?

EIGRP is protocol independent. This means that whatever protocol might be present in notwork works for the PBM (Protocol Dependent module) nouter each protocol in this layer. Soil does not matter if them 91 Tp, on Tpx protocol for EICIRP RINCE PAN co takes care git

RTP is reliable transport protocol It is mainly used 2. What is RTP? to transmit EIRGIP Packets. It can can be Reliable and unreliable às well. Its address in generally 224.0.0.10

EIGRP is more efficient in sending updates, how?

EIGRP used Pantial update and Boundary update.3 Partial update notifies if any nouting information is a particular changed but I ie only the information of a particular which is changed. Boundary update notifies the devices which are affected by nouting change. So it used was less band with and thus is efficient

A router running EIGRP finds 3 routes to the destination network 200.20.20.0. Route X has FD 4123567 and RD 3011840 Route Y has FD 3678455 and RD 3045600 Route Z has FD 2905450 and RD 40500. Which route/s will become the successor and feasible successor's? Explain your answer. Route of will be the feasible excessor.

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Since 7 was the lowest FD it is the successor. How is the metric calculated? And It also must the condition of FC whoma the \$D g 7 is greater than Beckup Route Route Y's the occasion and Route 7 is the Fearille Recemon. Because Z might be the one with lowest FObut (omidered Successor). So Y's successor and 7 is teasible successor and FDIN - DDIZE and FD(Y) > RO(2). The metric is calculed calculated using two variables Bandwidth and delay. ie, Metric = [Reference Brodwith (107) + 756] +

Smallest Bandwidth Sum & Delay * 756]