Name: Ma. Rokibul Hasan 10: 2019-1-60-114

Pant: A

Address Resolution Protocol (ARP) are used

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to discevering the link-layer address, such as

MAC address, associated with a given

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intervet layer address, which is IP address,

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Hosts generate ARP protocol so that they can

Bave the mapping IP address with MAC address

save the mapping IP address with MAC address

TTL means Time to Alive It is unitless.

By TTL we soon know the the total hop number it can come through. So when TTL is found 121 whereas it is set 128 at the time of transmission, it means 128 at the time of through (128-121)= this data packet come through (128-121)=

7 HOPS. PRS 101.801.801:91 mother than For class A: \$24 bit 0000000 0000000 00000000 00000000 0000000 0000000 Subnet: 1111111 1 111 0000 Subnet mask (in Decimal): 255. 230. 0.0 Wild cand Mask : -255.255.255.255 (-) 255.230. 0 0 Wild and Mask's 255. 255. 255. 255 (-) 255. 0. 0. 0 By when mad by 0. 255. 255. 255 -> Wild and

Pant B:

Destination 1p: 192.168.20.254

Source MAC: 46: FC: 20: 10:36:00

· 29 of + for

In my network only geteway is 192.168.20.254. So when . I try to essend data out of my network it will go through my gateway. And after recieve the data it comes through my gateway. So I see my gateway IP gaddness, not the web server address. In Lata link layon my gateway connect to other nower by to its ip. And that's how it continue and go to the web server

PC 2 (125.161.20.1) 119 not start pritored Part Co-4 255.88.20.25.4 Using class 'A' IP; PC3 124,168.20.2) Switch 2 125.168.30.2) Switch 1 PC4 125.168.20.0 125.168.4060.0 (125.168.30.4) 125.168.30.254 125.168.70.00 C I most in 13 125.168.30.0 125.168.10.254 2010 1-35 180 175, 168 CC-2 PC5 (129,168,10,2) (125.168.10.1) 125.168.10.0

Rowling Table ton P1:

config

nowten OSPF I

#network 125.168.20.0 0.255.255 area 1

network 125. 168. 50.0 0.255. 255. 255 anea 1

network 125.168.60.0 0.255.255.255 area 1

network 125. 168. 80.0 0.255.255.255 ornea 1

ip nowte 125.168.40.0 255.0.0.0 125.168.50.2

ip nowte 125.168.40.0 255.0.0.0 125168.60.2

ip nowte 125.168.40.0 255.0.0.0 125.168.60.2

ip nowte 125.168.70.0 255.0.0.0 125.168.60.2

1. Mayor ext.