Whim: Configuring DHCP within LAW in Packet traces Topology: A) to to server & select OHCH: Model Rouder o Brives NO bring Hul soft gateway as 10.00 10.0.0.1 in start 19 address charge it to the ropher pour where you want to start 19 pool save the charges. go to desictor tale s sation of here drawles the static to other as the same con worker that all 1/2014 1/44 1/2 add sets static to DHC, we school is at Fa2/1 sover-Projet ed Food gots servero est of (Obsetvations: Leasuring somet automaticalty and s 902 359 No at gouver & pc191 10.0.0.3 10.0.0.4 Serially in DHCP Partscol Rowlt: PC>Ping 100.05 Pinging 100.0.5 with 32 bytes of

Procedure: 1) Place gardic router, generic switch, 1 server & 3 PCS into the work station & consider them as: pouter to switch & switch to all 3 PC5 & Server 2) open server contig tab, set its IP address & subnet most, from sethings tab Set its geteway 3) For server ip address is 10.0.0.1, geteway is 10.0.0.2 4) Open (1) of router -> no -> enable -> contrig t -> interface fost ethernet 0/0 -> iP address 10.0.0.2 255.0.0.0
no shut s) too to service tab of server, & select OHCP from lett panel. On services, set detault gateway as 10.0.0.2 I change DNS & TFTP to 10.0.0.1 in start 19 address charge it to the value from where you want to start IP pool, Save the changes. 6) Select PC, go to devictor tab & select ip Contigue sation. These changes from static to DHCP, we Con notice that all details like ip address, Subret mosk, default getenay & DNS serves is set by default. The above step to all P('s)

Observations:

Learning: Server automatically sets (P address, subnet mask

Learning: to all P('s & 1) address is allocated Serially in OHCP Protocol. Rapit: PC> Ping 10.0.0.5 Pinging 10.0.0.5 with 32 bytes of data: Roply Brown 10.0.0.5 : bytes=32 time=one TTL=128 3 miles times