

Step4: In server go to services, select

DHCP, then make it as

poolnome > switch1

default gateway > 10.0.0.0

Stert ip > 10.0.0.03

Mexnember > 100

step 5: Go to end systems and select
ip configurations, select DMCP options
server will autometically allocate
ip to them.

observations:

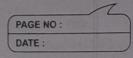
- DMCP helps in dynamic allocation

 of Ip uddress to end systems

 DMCP helps to minimize configuration

 errors caused by manual Ip address
 - configurations.

PAGE NO : DATE: Dynamic allo certion of ip for two different networks. objective: Dynamic spallocation DNCP for two defferent networks connected using router. Topology: Routero server o 10.0.0.7 Fa0/0° fallo degis-sur 10.0.0.1 dign-sw2: 20.0.0.1 Switch switcho A A PC4 PLO PCI 162



Procedure: step 1: Pluce one generic server, two switches dep 2: connect 3 pcs to switch o and 3 pts to switch 1 using appear brought through. Step3: connect server to switcho, then connect twitch o and switch 1 to Routero of moun. Hep4: set ip of erver as 10.0.0,2 and default gateway as 10.0.0.1 Hep 61 configuring server for switch o ferver - fervices - DHIP pool name - switchone defeult gateway: > 10.0.0.1 Start ip > 10.0.0,03 maxm number of users -> wo add this configuration. Step 6: configuring genver fox pritch 1 server -> services -> DHEP spoolname & switchtwo default gateway -> 20.0.0.1 Sturtier> 10.0.0,3 maxm no. of users 2100 add this configuration. trep 7: router unfiguration go to CLI exitate below for switch o renuble # config terminal # interface furtetherned 4/0 #ip address w. 0,0,1 255.0.0.0

PAGE NO : #ip helper-address 10.0.0.2 # no sheet # exit. step 8: config router go to CLI exicute below for furting follow us previous step change ip to 200.0.1 and just ether net to 0/0 Step 9: Now go to end systems and felect ip configurations stelect Drug Server will automatically give op to the system. Step w: Do Hip 9 for other end system as well, objervations: · DNCP can be used to dynamically allerate ip address to end systems which are part of different network god to.