CISCO. RACKE TO TALACE BY SIMULATOR to Ach 's wolf of who ight submit the interior ACUSCO PACKET TRACKER, Simulation. of wind lado' Classians 7 po subject ting, ilso taking the allows for allowing feer subnet marks that are not sust the default. makes for each spelars whits means that we can divide out I paddes Space into smaller subnehs, number of Ip adoless to . D. Creating a network topology! The firs & step in implementing Clarities i'm subnething. Is focuatea. network topology, in packet Truces. To dente a referent topology in parket Thaces I Select the "new 11 button in the top left comes then select "netwater as U Ceneri' 4 Adding the devices! one we have cleated our network. topology, we can add danker to it Here, we will be adding souter, witches and from the bottom left comer and drag

70 subject the network addiess of 192.16.2. 6.0/24 to reavide enough space feer at least 5 address for end aler ices the Switch and the norther web can are a 2414 Subnet mask, Much truly on the The Fondolansing for the helworler Shown in the topology can be as follows Router RI! Eigobit sthernet 0/0: 192: 168 Ante (organo; it Etheenet 01: 192:168.21 Switches phonocold elpering. Fast ethunet 04:01/1921/68.19 (27) pc2": 992.468 dut2 ous jourgino) al open or command stopped or podo and by to pring 1. 1:083/1:29 Del 439/1/2 Post Etherut 0/01/192.768.3.130 Switchsz: 1-as + Etheenth 01, ! 192.168.30 (27 configuring the clevies! your that is have adoled out devices and connected them, we can start Configuring them we will start by configuring the lacks.

Pright click on the lacker and select (w; the will open the Command. time in Jestace (11) for the Louter

enable A applique fearurale! I mass off interace Particoliere do lo sol. Horodollers Supaddress growth as the April 1900. To configure two agerts to athernet.
In terface on the reidler your can follow the Stepsilling Commands. resting the national kinst to policy y 16 Configured, we can test the net a erlar open a command szomot on each pc and by to pring the other De to the ping is shiple then the network is functionaling postpections towards toward led ont . Coun shipt Jevices Ha Rucht: (014 id: C of 201 / wight C u In Jeels ce-20 + 1(J)

PC0 Programming Admitdes go Codiguration O DIICE O State Pv4 Address 192 168 1 11 Subnet Mark 255 255 255 192 Default Cetevisy 192 198 1 1 **DNS Server** 0000 IPM Configuration (Automata O Static Pv6 Address Link Local Andress FE80 2D0 D3FF FE69 1271 Default Gateway DNS Server

Result: Thus the above experiment sur cumpilly completed and executed.