

FX, NO: 1 Computer Networks Date: 13/07/2024 - 907 Practical-1 Arm: Study of Narious network commands used Strongs. in linux and ratindows. Mode IPAdrew: To 0. Kasic Networking Commande: . bush for took Bluetooth Network Connection: O axp-a. Interface: 172.16.75.28 ... 0x 13/0/19 output ! Physical Adolorus Type, Internet Address 7c-5a-1c-cf-bc-41 dynamic 172.16.72.1 172:16:72:133 4C-ae-as-65-95-43 dynamic 224.0.0.2 01-00-5e-00-00-02 static 204.00:0022 100 -901 124.2390+030-4210) -401410C PATEN: 1.00.0. TEL Destrone: - got stad - EOT TEHT CH: 0.0 . TEL 7577 3. ipronfig l'all: Windows 12 configuration. 0)P: nwander Desetop. COIEHTC. primary DNE Suffer : works IP southy Enabled Mitarait No. Node Type Hybrid. WINS Assy enabled No. 816:2004 142-250-185-228

D. Notetal - a of sotional O/P: nbtotat -a perktop - Coistite. Node IPAddress: [0.0.0.0] scope 10: 1] Host not found. without of our Bluetooth Network Connection: Mode Ip Address: [0.0.0] scope Id: L] tost Holder founds Holdertsot Tope. B. Whet stat 10-01-00-00 1-04-01-04 OlP: Active Connections Roto Robbress. Foreign Address. State TCP 127.0.0.0.1: 49678 Deretop-co11347246779 Establi TCP 127. 0.00.1:49769 Desktop- COIEA766979 88 table TEP 127.0.0:16.1749719 Desktop- COICCHHIps. olase TCP 172.16.75. 28:62150 025-11-215-25: Https close 6. nalookeup nrww. google. com letrage Marshus 12 mapiguration. OP: 2000 Server : Unknown. Address: 172:16:72-1 2000 proving Non - authorative answer: Name: google.com. Address: 2404: 6800:4007:81e:2004 142. 250. 183. 228

1) pathping -9 Desktop - col 5 HTC. OlP: Tracing reade to 172.16.75.28 over maximum of The hope -Quitonno 172. 16. 75-280 0) 38 01 88 02...81 1M1-PIOIT2. 16.75-25 computing statistics for 25 sewoods 3 downe to Here HOP RTT host/sent = Pet Lost/sont=Pet Adoloress 1018 CHTC (018 CHTC) 0 ome 0/100=0.1 0/100=0.1 Desktop-LOIBHTCTC [172.16.75.28] Trace lomplete Pensistent Route 8. Ping MYNN. stajalakshmi. edu. in. pinging NWW. rajalakshni. edu. in [162.255-119.253] with 32 byter of data: satural surface Reply from 162-255 119-253: byte = 32 fine = 145 mg Reply from 162-255.1M.253: by lea = 32 time = 319 ms Reply My statistice for 162-255.119. 253: packages: sent = 4, Received = 4, Lost = 0 (0+. Low) Approximate sound trips there in milli-seconds. min = 243 ms, max = 31 pms.

(3). Route Print 100 157,0451.00 Interface hut: 18....20 88 10 86 C5 61 Intel(R) etherne Connectivity 28-37 dl . 87219-LM 12.... 4e 82 99 19 1 95 ... Microrol+ Wi-ti Direct Virtur world many tool tog - trong odapted #5 Ip 14 Route table. - 9/4 desc 1.0=001/0 - 1.0=001/0 Com Active Routes None. Persistent Route None. Me met explojeto mara con . IPVo Route, Table Active Poutes: : stato pe sofut se dien Perkistent koute: 88.91 888.881 mont - 20034 - 52 - None : 330 . AM . 222 . EST most was Adrighica for 162.255.119.253 packages: ment . A. pecetrede A., Lexts (104. Levs) . Inous 2- When are worth egirl burs starting of

Linux Networking Commands, usage : iP [OPTIONS] OFFECT & COMMAND | HELP 3 magent: IP LOPMONS Jatch filehame. 1204 ip address show: to a 2. 1A2-250.171.162 1: lo: < Look Back Up, Lower Up. > mta 66553 quisc noqueue notate UNKNOWN group. Inet 127.0.0.1/8 scope host lo 2: enp250: ZARROADCAST, MULTICAST, UP,> Inet 172.16, 8, 99/2211 bood 172.16, 11-255 Valid 4t forever preferred 4t forever. if config: sold republish took BACK, RUMING > Inet: 127.0.0.1 net mark 255.0.0.0 inet6:: 1 prefix len 128 Px parkets o bx eusous emp2 so: flage = 4168 LUP, EROADLAST, RUNNING.> inet: 172: 18:08:99 het mark 255.255. H . (e 101 . not... +) inct 6: \$680:6971:6056:6211:0206 PX parkets o RX excess on . shoop

3. mts. 7 mter google.com. Host energial detects for the Lord to Loss: 0.0.1. 5ml: 57 hast: 0.6 Aug. 0.6 0.04. want mark 1. 172.16.81.1 2. 142.250.171.162 0.0-1. 101 3. M(42. 25) . 227. 215

3. M(42. 25) . 227. 215

4. maa 05812 - in - fl4

And maa 05812 - in - fl4

And maa 05812 - in - fl4

And maa 05812 - in - fl4 1. Jepdump: at thew agas 8 11.0.0.781 tom? > tepdump [+aABCD - Z#] [-B Pize] tepdump - & filename < primary of Rigorod, 70 2 85 hello-c 84 from truncated dump file; fried to read 4 file header logites 49 only got of them? pre parkets o B. ping: Annua Toping google com 64 bytes from maa05=12-in- +14. le 100. net ... +1-18 64 bytes from maa 05 e12 - in - 114. le 101. net... +11=18 google com ping statisties.

3. mts. 7 mts google.com. COLLA I CHEMINO & LOADES CONOLLAO] 41 : blud Com 0.01. mays marpho di 11.3 1. 172.16.81.1 2. 1A2. 250.171.162 0.01. 101 2. [A2. 25] . 227. 215

3. M[42. 25] . 227. 215

3. M[42. 25] . 227. 215

Anormaa 05812 -in-flat

Anormaa 05812 -in-flat

Anormaa 05812 -in-flat

Anormaa 05812 -in-flat

Anormaa 05812 -in-flat P. topdump: at took agase 811.0.0.781 tons tepdump [-aABCD ... Z#] [-B size]

> tepdump [-aABCD ... Z#] [-B size]

[-e count-] ... [-8 file] tepdump - & filename. truncated dump file; trical to read 4 file header legter 49 only got 0. Hard Px parket 0 (3) ping: Entrary to ping a google com 64 bytes from maa05=12-in- +14- le 100, net ... +1-120 BA bytes from maa 05 s12 - in - +14. le 101. net... +1=180 google com ping statisties.

18 packet transmitted, 18 received, 0-1. packet 1 Configuring an Ethunet connection cuing meli-O. Listing Network Manager Connection profiles: > nouli connection show. NAME VUID New 802-3-ethunet-connection 43cfa19---- 802-3- epp20 ethunet Ornmeli connection add con-name kang if name enpaso type ethunet. meli connection add con-name 2 connectionrame > iframe ex < device-hame > type ethernet. Olp: connection added. (8)- Pinicli connection modify (rename): 7 nmeli connection modity "kany" connection.id " King". > to connection id / name changed.

nmili connection delete lang. 0/P:- connection ring de leted Want Cares Question's Angurest - good of fourth i). 'Ping 'to find realability. mtr < Web address > 1 3) in address show to show IP config t). net stat '

suice fe press super - 1903 bbot net transport Warring. enpaso tepe ethanet. of nonell connection and con- home scenationname > sprance ex & device-hame > type ethanet. olp: vormertion added. 1. pareli connection modify (senome) s-Thus the various network command of live and window is studied,