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IP Routing Enabled : No		an figuration
IP Routing Enabled : No	Delympical	L 9 DEGLES
IP Routing Enabled : No	(William)	Drilling Das Sulein
Node Tupo		IP Routing For
WING Proxy = Hybrid	- t 01/1	Node Tupo
() Criattle A	الاست بالا	WING Proxy Enabled Hybrid

Page No:

Ethernet adapter Ethernet 3: Media State Media discomodel Connection-Speadic DNS Ruffix: Connection (17) Etheral Description . . . Physical Address....:20-08-10-86-45-61 DHCP Enabled Yes Autoconfiguration Enabled . - . . Yes (hbt stat - a O/P: hbtstat - a DESKTOP - COIBHID Ethernek 3. Node IP Addres: [0.0.0.0] Scope Id:[] Host not found. Between Network Connection 2 Node IPAddress: [0.0.0] Scope Id; [] Host not found. net Stat OFHELOO - 9 OT X SEI Op: Active Connections

Prop Local Address Forign Address TCP 127.0-0.1:49678 DESKTOP -CO184

TCP 127.0.0.1: 49679 DESKTOP-COIBITID: EStablish

TCP 12:16.75.28.62144 20.42.73.26 Clo se

TCP 172.16.75.28.62150 Q23-11-215-25 Close

Page No: Date:

Onslookup www. google.com

O/P: Server: unknown

Address: 172.16.72.1

hon -

authoritative answer:

Name: www. google.com

Address: 2404:6800:4067: 812:2004

142.250-183.228

1 Path bing - 9 DESTOP-COIBHID

O/P:

0

Tracing route to 172.16.75.28 172.16.75. 28

172.16.75.28

Computing Statistics for 25 seconds

Source to Here This Node/Link

RIT LOST / Sent = PCt Lost Sent = Pa

Desktob-CoiBH70 [172-16.75-28]

0(100 = 01.

0/100=0.1 0/100=01/ 1 oms

Desktop- COIBHTD [172.16.75.28]

Trace complete

1 Ping www. rajalakuhmi. edu. in Ping www. rajalakehmi, edu. in [162-255.19.25] with 32 bytes of data: Reply from 162.255.19.253: bytes=32 time= 248 ms Tris Reply from 162.255.119.253. bytes=32 king. Reply Gram 162. 255-19.253: bytes=32 time; Ping Statisties from 162.255.119.253: Packets: Sent = 4, leceived = 4, Lost = 0(0.1. Loss) Approximate round triptimes in milli-second John in innum = 243 mg, Maximum = 317 m @ Route Print 157 * 0/P: Internet List 18...20 88 1068 (561.... Intel(R) 18.... 42. 80 99 79 it a5..... Microsoft wis IPV4 Route table Virtual Adapter.

Active Routes:

I PVE Poute Table

Page No :	
Date:	

phy 30036. com

For linux

1. ip

O/P:

usage: ip Coptions Jobject { command } { help; ip [-force] - batch filename

where object: =, Elink laddress addrabel route loule height I stable I tunnel I tuntapi maddees Immuki mjule i monitor / x from [netric 12 tp] fol | mac | tep -metric) toten | neton + 1 ila lurt ?

Dip route get 127 -0.0.118 OP

local 127.0.0.1 der to Irc 127.0-0-1 1000 cache 2 local >

B. mtr www. google - com Op My trace soute [vo. 87] local host. local domain (0.0.0.0)

Hast Packets Pings 1.172.16.81 Loss 1. Sn E Lost Aug Dest Wat 0.0% 5.2 0.3 0.4 0.25.5

3. 7cp dump - D - 80 40 - 6001 -3/4 1028990J

1. empero [up Rumming]

2. any (Pseudo-device that cophies on

3- W1P380 [UP]

It Sue tooth (Blue 100 to adapter number 2) 5. 10 Choopback Jibbs

Page Na : Date :

4. ping google-com Pina google. com (142.25,67.46) 56(84) bytes of date 64 bytes from maaos 12-in-fill -lebor (142-25.62-6) 13.00 1.601 icmp-seq=1 + 4 = 120 time = 2-39 mg 64 bytes idem maa 05/2-in-614-12100-10 C142-250-67-46 1 cmp-seq = 2 +1= = no sine > 2-0

gogle com kings stations. 18 packets transmitted, to received 5% backed loss the most Ytt min lang /max/mder= 2.245/5.74

5 >nmcli connection show

inexele : 910

Name Duid Type Perice.

RECA4 6076 219C-9ae6- 802-11- Web358 -4CC+-6468wireles Cot 4 7 c 5 6 8 de 7

6. In mc19 connection add con-name connect it hame & device - name >

O/P: Successfully added

Page No :

7. >nm cli Connection delete Gopi 0/p: Successfully deleted.

8. > nmcli annection Show

Output:

Name UUID Type Device

New 802-3- 25ff 109f- D02-3- emb26.

ethure L 370e-42dr- etheral wlp36.

RECALL

RECALL

Result:
Thus, the 3 trdy of values networks commands used in linux & windows woodone successfully.

Palalan