Ovopazerino: Brezzos Kurvoranzivos Ovopa PC: LAPTOP-RLR92PLC
Opiaba: 2 Huepopurvia: 29/03/2023
Examplany Armoy 5
Etazinis Apopodójnos
Acrusey 1
1.1 1 browly out 192.168. X.Y. (non out pa em pro on res 2 Signanges row R1)
1.2) gateway_enable="YES"
1.3) route add-net 192.168.2.0/24. 192.168.11
1.4) Flags: UGS
U: H Staspopin Einat Eveppin
5: H Fraspopio Exer oprover orazuna
1.5) Ezo pluy des naiprages moinous anàvours.
1.6) topdump -4 1 cmp ~> harográgovzas nomieza ICMP echo request anó zo PCI alla ex, ICMP echo repla anó zo PC2.
and to PCI alea ex, ICHP Echo reply one to PCZ.
1.71 Voute add-net 192.168.1.0/24 192.168.2.1.
1.81 Nai unagres
1.9) Prazi Exame Enepponomyein un répoisoner nouvern 184 van se ora
1000,00000 1000 1000
121
Re 203:

PC3-

Armon 2
2.1) route del 192.168.2.0/24.
2.2] ifronty and met 192.168.1.2/20
23/ Les i ho unosino
24) Oxi Sev Eivan EnizuxEs
2.5/ Non Einai Enizuxes o RI Sexezai za arp request zou PCI. Avzi na za apronues anouraes Eneiros houlins exes expossés por zo unosituais ozou nivolua nocio duons
2.6/ Anozupa à va vouluis ser excupe expansis our nivoura repositures pra es 192-168.1.0
2.7) raite add -net 192.168.1.0/24 192.168.2.1
2.81 arp -da
2.9) typdang -e -vvv
210/ Araviais or Request, Sivovay us anaiveners zur & Sivis zou MAC (200 R
2.11 Rps on MAC address on R1
2.12) And zu MAC zou R1
2.13/ PC1 ~> Broadcast: arp request R1 ~> PC1: one preply PC1 ~> R1: I cup request R1 ~> Broadcast: arp request PC3 ~> R1: arp reply R1~> PC3: I cup request PC3~> R1: I cup reply

R1 ~> PC1: app request PC1 ~> R1: app reply R1 ~> PC1: 1cmp reply

2.14 max prefix length = 22 (Ani /23 mai nome SEN Enizy xones to prug)

2.15] Itcomby and met 192.168.1.2/23

2.16 raite add - net 192.168.2.0/24 -Interface oul

217 neestat - 74 ~> H MAC outdones zon PCI

218 Nai Eirai Enizoxes, pari Exoupe opivei us "Enopero Bripa" zur Sienagii Eud zou PCI (Epiraga 2.16)

219 Syscif net. Pink. ether. Inet. proxyall = 0

220/ route polit-net 192.168.2.0/24 192.168.1.1

2.21 | Feonty end met 192.168.1.2/24

2.22) Exa n2 Exer n2 Exer was default gateway to 192.168.1:1 (To R1)

2.23 route add - host 192.168.2.0/24 192.168.1.1.

Lennery 3
192 112 114
3.1) I from hig and met 192.168.1.1/24 1 from hig and met 172.17.1/30
14 config out met 172.17.1/30
3.21 if config end met 172.17.17.2/30
12config and mee 192.168.2-1/24
3 21 Day - 1 - 4 - 4 - 1 - 1
3.3) Destination Host Unreachable
341 See I ANI Survey ICMP more as a DC1 15MD soles as a
34 Ero LAN1 exame ICMP request and co PC1 1cmp replies and app
reauti.
10
35] H! ~> Host Unreadlable.
The second secon
3.6) route out -net 192.168.2.0/24 172.17.17.2
3.7 Ox, for propie
3.81 1 cmp echo request, ano zo PCI nos es PCZ
ICMP echo reply and to PC2 mpos to PC1
ICMP echo reply and to PCZ nos to PCI ICMP host unreachable, and two end to Rz nos to PCZ
3.91 traceraise 192.168.2.2 no Oxi des nogaroveas nousea ICMP request
Ropa jorca, UDP navieza
3.W Napajova, 1CMP 192.168.2.2 udp pore un reachable
3.11) Der Enjepénera, n anoccaly nodlandin purupaçan Laidang
3.12 route add - net 192.168.1,0/24 172.17.17.1
z 12 N
3.13 Na propi.
1CMP time exceeded in-transit 1CMP 192.168.2.2 usly port unreachable
1-1 1 12100, C.Z and Love miredening

3.14 No route to lost Conswerer como to pruy 172.17.17.1 to PCZ)							
[15] route del 192.168, 1.0/24							
16/ route outd default 192168.2-1							
3.17 To pruy eivar sneuxes							
ELES Non zou default gateurs vous nivours ofoprodopuss, zo PCZ des ceiles zo Zi pry ozov RZ o onoios des zo npoudrités Enizuxies oran R1							
<u> </u>							

Avurer 4
4.1) And so Virtual Box news connect to modification of the sure interest 192.168.2.3/24
4.2) route and -net 192.168.1.0/24 192.168.2.1
4.3) Era Sinzua LANI, WANI, WANZ, if config enx met "ip address"
h.h. Eza Sinzuo LANZ, WANI, WAN3. I from by eux met "IP oddr."
4.5) Era Sinzua WANZ, WANZ, I fromhy aux, wet "IP addr."
4.6) Youke add net 192.168.2-0/24 172.17.17.2.
9.7 Youte add -vet 192.168.1.0/24 172.17.17.1.
4-8/ Youke odd - net 192.168.2-0/24 172.17.17.9 route odd - net 192.168,1.0/24 172.17.17.5
4.95 route ould - host 192.168.2.3 172.17.17.6 To flag H.
4.10 traceroute 192/168.2.2 ~> 3 Ripacq
4.11) pruy 192-168.2.2 N Z Biyaza
4.12 Binnaza
4.13 Z Bripaza
4.14 Diaspopiis: RI ~> R3 ~> Rz ~> PC3
4.15] Diaspopii : R2 ~> R1 ~> PCI. Ezor nivama Spopuo Lóprens zou R2 za nomeza npos zo LAN1 neprave anó zo WAN1.

(Re) topdung -i au1

4.17 Nai rapajora

4.18 Na, rapajovan

4.19 route change - vet 192.168.2.0/24 172.17.17.6 (RI) Youte change net 192.168.1.0/24 172.17.12.10 (RZ)

720 Youte Show 192.168.2.2

4.21

Avrinery 5/ 5.11 route change - net 192/68.2.0/24 172.17.17.5 5.2) ping -c 1 192.168.22 20 Ox, SEU Eivai Enizuxés. 5.31 And em 172,17,17.6. 5.4 topdump -i and - n - w test. 55) grep "1cmp" WC Stehn Alle Marson.

Der nazaspagneran nameza 1cmp. (Nados) 5.6] topdump "1cmp[0]=-8"-vvv-e 5.71

Aouron 6/

6.1 172.17.17.0/25

62 172-17-17.192/26

6.3) 172.17.17.160/27

6.4 PC1: 172.17.1/25 RI (OND): 172.17.17.126/25

6.5/ PC4: 172.17.161/27 R3 (aud): 172.17.17.190/27

6.61 R2 (pm1): 172.17.17.193/26 PC2: 172.17.17.253/26 PC3: 172.17.17.254/26

6.7] PCI ~> Youte and default 172, 17.17, 126
PC2 ~> Youte and default 172.17.17.193
PC3 ~> Youte and default 172.17.17.193
PC4 ~> Youte and default 172.17.17.193

6.8/ Fia co Ri ~> Vacite and -net 172.17.17 L> Youte and -net 172.17.17

6.91 Fix to R2 -> Youte odd - net 172.17.17 L, youte add - net 172.17.17

6.10 (1a to R3 ~> Youte and -net 172.17.17 2> youte add -net 172.17.17

6.11/ Nai, unapres Enivoivenia.

Aounes 7 7.1] Pa: 08:00:27:25:30:45 PC3: 08:00:27:7d:ex:df 7.2 1 From hy end met 172.17.17.254/26 7.3 Nai, Edaba ou n MAC: 08:00:27:7d: ea:df (PC3) yourponoisi information of the contraction of the contract 7.4 Noi Emparivenue ME MAC ouzir zon PCZ 7.5) Nou exe prodei, za PCZ mai PC3 exon em i fra IP. To rompa con punipiazos Zádous e rai compreparamo pra nidomá npobliparea nou proposio 7.61 Dx, energia addisagre IP, radome na u defante gartemas 7.7 route and default 172.17.17.193 7.8 arp - da (Eza PCZ PC3 7.91 topdamp -i and arp. 7.10 topdung - n top (PCZ was PC3) 7.11 55 lab@ 172.17.17.254 ~ Nai: Fssh_kex_exchange_identification. 7.12 Now near EnzuxEs 7.13 (172.17.17.254) at 08:00:27:25:38:45 7.14) Mirrogo anovaux 20 PC3 pe ARP reply.

7.15) H MAC EWINES UZO PCZ

7.16/ Evsedinape oro PCZ
7.17/ Eur mosponis ea instrució prosper PCZ
1.18 [Ern anonega ourserry pe ssh orm IP 172.17.17.254, energy or representation of the state of the server of th
opus pera orêlue non co PC2 asp reply no ono o oreduca, co
SYN ACK, opus energis ourò an prepia zon PCZ u zpipieping Xenpoupia fen exer zupudei ozednes error. In fenzepa popa u epipiepa
La u ou Seon sivai enjaxis.
A /