Oropazeningo: Brezzos Kurocanciros Oropa PC: LAPTOP_RLR92PLC Opiasa: 2 Hprepopurion: 04/04/2023
Quada: 2 Huspopunia: 04/04/2023
Egravup, aux Aorenos 6
Evonpuri vo Quagga vai FRRouting (FRR)
Aounos 1
1.1 teluet local host 2601
1.2) VEYSh
1.3 22 Evzodés
1.4 l'ivere auracorpindiquers rus Eurodis narivras ro tab.
1.5] Enashi u configure ser sivar u provin enzolis nou Benivas, ano "co" nazirozas tab ser exame autocomundiques un enzolis alla pas Braise 2 Enidores un configure mai um copr Fom nazirones ma to "?" Enase 3 Enidores excodir nou proporpe na epèsame.
1.6/ sh version (odoudupupiem exedi ens. sh ver)
1.7) Spongovias WY na zo Write, tab mai t nai Java tab na zo take terminal.
1.8) Show running-config is write terminal.
1.9] configure terminal
10) hostname R1 ns éza prompt aprocépa ano eus encodés na némezos dopoipes exer allater ano RO oz R1 20 hostname.
1.11] password ntua.

1.12 2 yapès
1.13 telnet localhost 2601 -> Yragra nesio na avaguri unsinoi
1.14 Bpionopaire or Enineto User EXEC
1.15/ Blimpe 9 Evanles
1.16) Tupa Eirai Lyozepes oi eurodes, rponjoupeerous ripereron de Eninedo
1.17) Show Interface.
1.181 show ip Romanding -> 1p Romanding is on.
1.191 show ip route.
1.2d Ox, 82 propoine vous spexeure Eninedo. Haradis des Jerangres
1.21) enable
122 Write terminal as Nan proportie va Loine un nogorhezponomer FRR. Nan Epigani Jezan zo umfinos na zu ano zo hestuame man sinda ano zo nedio password.
1.23/ List.
1.24) enable password ntua
1.25) service password-encryption.
1.26) Da répossoriere prem 55h Sion on Rojages nano on mosimo Da Délagres ousas va hoursopponentes.

Acre	vers 2
2 41	18

2.1] If config our met 192.168.1.2/24 If config our met 192.168.2.2/24.

18config end met 192.168,2.2/24.

22) vtysh>> configure terminal>> hostname R1>> interface and >> ip address 192.168.1.1/24 >> interface and >> ip address 192.168.2.1/2

2.3] Merabairon or User EXEC mode: show interface eno i out

2.4] show ip Romarding as 1P forwarding is on. 2.5] Youte add -net 192.168.2.0/24 192.168.1.1

2.61 route add - net 192.168.1.0/24 192.168.2.1

21/ Na Eniversair

2.81 configure terminal >> Interface end >> 1paddress 192.168.1.200/ >> exit >> exit >> Show interface end.

Rapazupai pe où n véa 19 nou avantevapre exe repourci us secondart, en reponyapen 19 192.168.1.1 Ser exer energeavres

2.9) if config end (one command line) ~ Hedrepas Feed Dogram of Juppografia forestud for ship for the 18.1.4 Subjection of Subje

2.10 And Interface Configuration Made: no ip address 192.168.1.200/24.

H Siewarren exa fraggagai ano en popular Evendir ala ox, non ano

2.11 Vtysh >> Write memory

2.12/ Einpepiovovear to apxing /frr/zebra. conf was /frr/staticd. conf.

Aomors 3
3.1] If config ow met 192.168.1.2/24 } PC1 Youte odd -net 192.168.2-0/24 192.168.1.1 If config own met 192.168.2-2/24 } Youte odd -net 192.168.1-0/24 192.168.2.2 } PC2
3.2/ vtysh >> configure terminal >> Interface em 0 >> >> 1p address 192.168.1.1/24 >> Interface em 1 >> 1p address 192.168.1.1/24 >> Interface em 1 >> 1p address 192.17.17.1,
3.3) Vtrsh >> Configure terminal >> Interface end >> 10 and oress 172.14.17. >> Interface end >> 10 and oress 192.168.2.1/24.
3.4 Vt/sh >> configure terminal >> 19 raite 192.168.2.0/24 172.17.17.2
3.5) vtrsh >> configure terminal >> ip pouce 192.168.1.0/24 172.17.17.1
3.6] teluet 192.168.1.1 2601 la va jive Epiuzis u orivõera refere va eregonomiru con mudinio oco Ri (enable password)
3.7/ H Evrolig telnet Ser Jarappei 020 vtrsh
3.81 teluet 192.168.2.1 2601. Frazi von R1 Example eppengis ma
3.9/

Auruny 4/
4.1) Nowhy and met 192.168.1.2/24 } PC1 Youte order default 192.168.1.1 Noute order over 192.168.2.2/24 } PC2 Youte order default 192.168.2.1
4.2) (li con hyure terminal hostname R1 Interface emX, {x=0,1,2}}, Mia gopà noi mode ma Sienengi. ip address (ip.addr)
43) 19 route 192.168.2.0/24 172.17.12
Euroui Torrai oi ou Seveis eur Sienaupiur mai n orazinis Eppapii nou pouteoapie oro Epivenpa (4.3)
4.5 Andurovay pe zo "is directly connected"
4.61 And to tay "S" van apris ws prapping (Static)
4.7 exit >> netstat -rn
4.91 Cli Conhynne terminal Lostname R2 Interface emX 19 address (1p.addr)
4.W) 10 rante 192.168.1.0/24 172.17.17.1.

4.11 oli configure terminal hostname R3 Interface eux ip address (ip.addr) 4.12 1 prante 192.168.1.0/24 172.17.17.5 19 route 192.168.2.0/24 172.17.17.9 9.13) exit >> show ip forwarding is ON. 4.14 PC1 ~> R1 ~> R2 ~> PC2

Avunery 5 5.1) April cli >> 1p route 192.168.2.0/24 172.17.17.6 2 5.2] distance ~> 2. H mongoipeun orazuni eppagis zixe a noureurs 1 Enoperus auris Da exes 2. 53 di >> 10 rate 192-168.1.0/24 172.17.19 2. 5.41 /naprouv or 2 emponées nou exoupe envare. RI 2> WANI, WANZ R2 -> WAN! WAN3 5.5) Erepponomiens siaspopii pos a LANZ g'rai n WANI ou roi haza sa uvieza, ano zo "*" opiozapa zus papupine 56 Meza zur Skirduners zor uno Sincion ([1/0] is [2/0]) 57) has noil Erepponeryuévy zina, y WAN! 5.81 cli >> Interface em1 >> hun detect (R1) cli >> Interface em2 >> hux detect (R2) 5.9 Bya Lovray our En. Logis coule connected or anapter 2 (WAN1) 5.DI Tupa Eivai Evepponantievu u fraspopii and to WAN? 5.11 mapre y Evfust mactive 5.12/ Ox, Ser unapres 5.13 Avris nou vivar mas oro équiripes (5.7) u WANT. Des anexeppo-nouvagre 20 madisos con R1 par eur emo SMy Nai Egive ouvia

5.15) To traceroute EniberBainver zur alburi zus fraspopins. Tieles
5.15) To traceroute Enibérbainver un allays us frafojus. Fieles
S.16 Ox1, a ourseen pieur 55h paparetes
5.17 Maropanoieira, Java n franspopiis prem zon WANI. To En Bebanivoupe pier trace nonte and PCI ros PC2
to En Bebaumoupe per trace route and PC1 yes PC2

Aouros 6) by cli configure terminal interface 60 ip address 172.22.22.X/32 6.21 Ox, Ser propries de oles (To pière pruy nou fordaies et rois and es PC1 oan lappage de Sienduron en R1) Auzo enabi ser unaixes y ouriereixy expapir ven nivama posiduous eur routers 6.3) 1 p route 172.22.22.2/32 172.17.17.2 1p raite 172.22.22.3/32 172.17.11.6 6.4) 10 route 172.22.22.1/32 172.17.17.1 10 route 172.22.22.3/32 142.17.10 6.5 19 route 172.22.22.1/32 172.11.17.5 1p route 172.22.82.2/32 172.17.17.9 6.61 Nas propie 6.7) 200 PC1 ~> 172.17.17.6 Eeo PC2 ~> 172.17.10 6.81 pruy -5 172.22.22.3 192.168.1.2 (Tra PG) 6.9 Av Ser uprigran or nazigellules Epponies von Minung Gopro Liprous Ser da proposivar va goprodojudou ila ca namèra 6.101 Ano PCI ~ Enizixis plug ora R1, R3 Ano PCZ ~ Enizixis plug ora R2, R3 6-11 ip noute 172.22.22.2/32 172.17.17.6 2 1/2 route 172.22.22.3/32 172.17.17.2. 2

6.12) 1p route 172.22.22.1/32 172.17.17.10 2 1p raite 172.22.22.3/32 178.17.17.1 2 6.13/ 1p route 172.22.22.1/32 172.17.17.9 2 1p route 172.22.22.2/32 178.17.17.2 2 6.14) Exa En. Lexues avzis piecro zus 1727.17.2 (Ano ZO WAN1) 6.15) MEZA ZUN MOCOPIDIONES BLABUS DES WANT OF BRASPOPES ESENTAGONA has or expraises rivoreas mactive. 6.16 01 eppayes ser exar cedei maetine. Auto Enesti Ser sinai exeppororup vo to link-detect. And zur owners S, Eigar Everyonorium 20 link detect piero pia zis Fienapes zon Ringi Rz neu Bpierona, our Seseperes pre to WAN1 (Aou S. Epuz S.8).

Acres 7 7.1) ip route 192/68,1.0/24 10,0.1.1 ip soute 192.168.1.0/24 10.0,0.2 2 19 raise 192,168, 200/24 10,02.8 19 route 192-168.2.0/24 10,00.2 2 7.2) ip route 192.168.1,0/24 10.0.1.5 192-168.1.0/24 10.0.0.1 2 1p state 192-168.2.0/24 (0.0.2.5 10 rate 192/68.2.0/24 10.0.0.1 2 7.3/ 1p route 192.168.2.0/24 10,0,1,2 19 route 192.160.2.0/24 10.0.1.6 2 7.41 19 marte 192.168.1.0/24 10.0.2.2 19 marte 192.168.1.0/24 10.0.2-6 2 7.6 Nai Enmoivers madies exame Everponommens en descoupiron link-deter 7.7) And PCI noes PCZ: PCI ~> R1 ~> C1 ~> Cz ~> R2 ~> PCZ And PCz new PC1: PCz ~> Rz ~> Cz ~> R1 ~> PC1 Ox, Ser zowej Jovean liazi n traceroute 7.8 192.168.1.1 10.0.1.2 arancaes ous signapes pe privipe "time to live exceeded" Ezu raradapia pras rpo estrópien 10,0,1,6 10,0,25 Suspopis Exame em PCI-RI-CZ-RZ-PCZ Enopero 192.168.22 Example ansi su ochustikato 7.9 En Arexe 4 Enjuara par Spopuologeira, meon una reservoyueuna Singapains. 7.10 Enworman omoladarras zu Scalpapij: LANI- WANI - CORE-WANY - LANZ

7.11 To PC owsers		oweanoup, de the env une	how for	no Johio, no	uadusto u Naz.	checicoury
7.12) To Sinesi no 22a	PC's Qa	sepo pero vanjopany iso	venenna a given ei re nollwin	populoma	Zarious pepindon es	Ezarpinai
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				0		