```
[OTTO NOTIA 1 (Debian 12.4-1, RZ, R3, R1, NAT1)
RI
/system identity set name=R1
/interface bridge add name = loopback0
/ ip address add address = 10.255.255 - 1/32
                                             interface = LoopbackO
/ip address add address= 110.4.97.1/30
                                             interface = ether? (npos 23)
/ ip address add address= 110.4.97.5/30
                                             interface = ether3 (npos RZ)
Ra
/system identity set name= Re
/interface bridge add name = loopback0
/ ip address add address = 10.255.255 - 2/32
                                             interface = LoopbackO
/ ip address add address = 110.4.97.2/30
                                             interface = ether 1 (npos R1)
/ ip address add address= 110.4.97.9/30
                                             interface = ether 2 (npos 23)
/ip address add address = 110.4.97.13/30
                                             interface = ether 3 (neos Debian)
R3
/system identity set name=R3
/interface bridge add name = loopback0
/ ip address add address = 10.255.255 - 3 /32
                                             interface = LoopbackO
/ip address add address= 170.4.97.6/30
                                             interface = ether 1 (npos P1)
/ ip address add address= 110.4.97.10/30
                                             interface = ether 2 (npos RZ)
```

• check 62 62a ip/route/print xan ip/address/print

A1 → ping 97.2 / 97.9 × + ping 8.8.8.8 /

97.6 √ 97.10 × + 10.255.255.1

12 → ping 97.1 √ 97.5 × + 10.255.255.2 ✓

97.10 V 97.6 X

```
× 10.255.255.3 /
                      97.51
                                         97.1 X
R3 -> ping
                                         97.2 X
 DSPF
R1
/routing/ospflinstance/ add name=default router-id=10.255.255.1 31 pappin
   originate-default = if -installed redistribute = ospf, bgp, connected
/routing/ospflareal add name = backbone area-id = 0.0.0.0 instance = default
/routing/ospf/interface-template add network=110.4.97.0/30
                                                           area = backbone
/routing/ospf/interface-template add network=110.4.97.4/30
                                                           area=backbone
/ip/firewall/nat/ add chain= srcnat action=masquerade out-interface = ether1
le (agpácns ör 1 /)
(routing/ospf/instance) add name=default router-id=10.255.255.2 31 paper
   originate-default = if -installed redistribute = ospf, bgp, connected
                                                            instance = default
/routing/ospflareal add name = backbone area-id = 0.0.0.0
/routing/ospf/interface-template add network=110.4.97.0/30
                                                           area=backbone
                                                           area=backbone
/routing/ospf/interface-template add network=110.4.97.8/30
/routing/ospf/interface-template add network=110.4.97.12/30
                                                           area=backbone
R3
/routing/ospf/instance/ add name=default router-id=10.255.255.3 3 1 spappin
   originate-default = if -installed redistribute = ospf, bgp, connected
/routing/ospflareal add name = backbone area-id = 0.0.0.0
                                                            instance = default
/routing/ospf/interface-template add network=110.4.97.4/30
                                                           area = backbone
/routing/ospf/interface-template add network=110.4.97.8/30
                                                           area=backbone
                                                                   disable = no
dhop-server 600 hz (ano chat)
 /ip pool add name = dhip-pool ranges = 110.4.97.14 - 110.4.97.14
lip dhop-server add name = dhop1 address-pool = dhop-pool interface = ether3
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lip ahop-server network add address=110.4.97.12/30 gateway=110.4.97.13 ] lip dhop-server enable dhop1 dns-server = 8.8.8.8 Debian 1 sudo ip link set ensy up sudo dh client ens4 (ip a Kai Brajer co ensu digo no caco 110.4.97.14/30) EP2742612 · ping 600 820 ébjaman neu sontasni. R1 → ping 97.9 ✓ 97.10 ✓ 12 -> ping 97.5 / 97.6 R3 -> ping 97.1 // 97.2 Nav Nai skei kavu Zados tool/traceroute (anavenen screenshot laptop) • Bjajer 10 kar to 20 eiver 110.4.97.1 • Adaipiece en condeen frezaji F1-R2 Eurosi ua aparpiseus co radissio -> DEU to érava • Debian - sudo traceroute -n -1 10.255.255.1 Debian → Pz → F1 (2 anoz) -sudo traceroute -n -] 8.8.8.8 Debian -> R2 -> R1 -> Internet (11 anoc) /ip address add address = 192.168.5.1/30 interfac = ether4

/routing/bgp/template/add name=bgp-template router-id=10.255.255.1 as=11049

output. redistribute = static, ospf, bgp routing-table=main 1 pappin

/routing/bgp/connection/add name=toR4 remote.address=192.168.5.2

remote.as = 11149 templates=bgp-template local.port=179 remote.port=179

listen=yes connect=yes output.default-originate=if-installed

local.role=ebgp heepalive-time=60s

/routing/bgp/connection/print

/system identity set name=R4

/interface bridge add name=loopback0

/ip address add address=10.855.255.4/32 interface=loopback0

(ip address add address=192.168.5.2/30 interface=ether 1 (apos R1)

/ip address add address=111.4.97.1/30 interface=ether 2 (apos R5)

/ip address add address=111.4.97.5/30 interface=ether 3 (apos R6)

/routing/bgp/template/add name=bgp-template router-id=10.255.255.4 as=11149

output. redistribute=static, ospf, bgp routing-table=main

/routing/bgp/connection/add name=toff remote.address=192.168.5.1

remote.as=11049 templates=bgp-template local.port=179 remote.port=179

listen=yes connect=yes output. default-originate=if-installed

local.role = ebgp keepalive-time = 60s

/routing/bgp1 connection/print

/routing/ospf/instance/ add name=default router-id=10.255.255.4 31 pappin

originate-default = if -installed redistribute = ospf, bgp, connected /routing/ospflareal add name = backbone2 area-id = 2.2.2.2 instance = default

/routing/ospf/interface-template add network=192.168.5.0/30 area=backbone2

/routing/ospf/interface-template add network=111.4.97.0/30 area=backbone2 /routing/ospf/interface-template add network=111.4.97.4/30 area=backbone2 85 /system identity set name=R5 /interface bridge add name = loopback0 / ip address add address = 10.255.255-5/32 interface = Loopback0 /ip address add address=111.4.97.2/30 interface=ether1 (npos Ru) / ip address add address= 111. 4.97.9/30 interface= ether2 (npos R6) /ip address add address = 111.4.97.13/30 interface = ether3 (npa Debian) routing/ospf/instance/ add name=default router-id=10.255.255.5 31 pappin originate-default=if-installed redistribute=ospf, bgp, connected /routing/ospflareal add name = backbonel area-id = 2,2.2.2 instance = default /routing/ospf/interface-template add network=111.4.97.0/30 area=backbone2 /routing/ospf/interface-template add network=111.4.97.8/30 area=backbone 2 /routing/ospf/interface-template add network=111.4.97.12/30 area=backbone2 /ip pool add name = dhip-pool ranges = 111.4.97.14 - 117.4.97.14 lip dhop-server add name = dhop2 address-pool = dhop-pool interface = ether3) dhcp1 lip dhop-server network add address=117.4.97.12/30 gateway=117.4.97.13 }
dnc-corver=8.8.8 lip dhop-server enable dhop9 dns -server = 8.8.8.8 RG /system identity set name=R6 /interface bridge add name = loopback0 / ip address add address = 10.255.255.6/32 interface = Loopback 0 / ip address add address = 111.4.97.6/30 interface = ether 1 (npos R4) / ip address add address=111.4.97.10/30 interface = ether 2 (npos 25

```
(routing /ospf/instance) add name=default router-id=10.255.255. 6 31 pappin
   originate-default = if -installed redistribute = ospf, bgp, connected
/routing/ospflareal add name = backbonel area-id = 9.2.9.2 instance = default
/routing/ospf/interface-template add network=111.4.97.4/30 area=backbone2
/routing/ospf/interface-template add network=111.4.97.8/30 area=backbone 2
Debian 9
 sudo ip link set ens4 up
 sudo dh client ens4
(ip a Kai Brájer co ens4 digo no sáco 111.4.97.14/30)
h5
/routing/bgp/template/add name=bgp-template router-id=10.255.255.5 as=11104/
output. redistribute = static, ospf, bgp routing-table = main - pappin
/routing/bap/connection/ add name = to R4 remote. address = 111.4.97.1
remote.as = 11104 templates = bgp - template local. port = 179 remote, port = 179
listen = yes connect = yes output. default - originate = if - installed
Local . role = ibgp keepalive - time = 60s
Irouting/bap/ connection ( print
L4
/routing/bgp/connection/ add name = to R5 remote. address = 111.4.97.2
remote.as = 11104 templates = bgp - template local. port = 179 remote, port = 179
listen = yes connect = yes output. default - originate = if - installed
Local. role = ibgp hecpalive - time = 60s
Irouting/bap/ connection / print
```