

Redes de comunicação

-Trabalho Prático-

**Meta intercalar**

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# **Comandos de configuração usados para os dispositivos**

## Cliente 1

|  |
| --- |
| # Static config for eth0  auto eth0  iface eth0 inet static  address 10.5.2.1  netmask 255.255.255.192  gateway 10.5.2.62  up echo nameserver 192.168.0.1 > /etc/resolv.conf |

## Cliente 2

|  |
| --- |
| # Static config for eth0  auto eth0  iface eth0 inet static  address 10.5.2.2  netmask 255.255.255.192  gateway 10.5.2.62  up echo nameserver 192.168.0.1 > /etc/resolv.conf |

## Cliente 3

|  |
| --- |
| # Static config for eth0  auto eth0  iface eth0 inet static  address 193.137.101.129  netmask 255.255.255.128  gateway 193.137.101.254  up echo nameserver 192.168.0.1 > /etc/resolv.conf |

## Servidor

|  |
| --- |
| SERVIDOR:  # Static config for eth0  auto eth0  iface eth0 inet static  address 193.137.101.1  netmask 255.255.255.128  gateway 193.137.101.126  up echo nameserver 192.168.0.1 > /etc/resolv.conf |

## Router 1

|  |
| --- |
| R1#config terminal  R1(config)# interface FastEthernet0/0  R1(config-if)# ip address 193.137.101.126 255.255.255.128  R1(config-if)# no shutdown  R1(config-if)# exit  R1(config)# interface FastEthernet0/1  R1(config-if)# ip address 193.137.100.254 255.255.255.0  R1(config-if)# no shutdown  R1(config-if)# exit  R1(config)# ip route 193.137.101.128 255.255.255.128 193.137.100.253  R1(config)# ip route 10.5.2.0 255.255.255.192 193.137.100.252  R1# copy running-config startup-config  R1# write memory |

## Router 2

|  |
| --- |
| R2# config terminal  R2(config)# interface fastEthernet0/0  R2(config-if)# ip address 193.137.100.253 255.255.255.0  R2(config-if)# no shutdown  R2(config-if)# exit  R2(config)# interface fastEthernet0/1  R2(config-if)# ip address 193.137.101.254 255.255.255.128  R2(config-if)# no shutdown  R2(config-if)# exit  R2(config)# ip route 193.137.101.0 255.255.255.128 193.137.100.254  R2(config)# ip route 10.5.2.0 255.255.255.192 193.137.100.252  R2(config)# exit  R2# copy running-config startup-config  R2# write memory |

## Router 3

|  |
| --- |
| R3# config terminal  R3(config)# access-list 1 permit 10.5.2.0 0.0.0.63  R3(config)# ip nat inside source list 1 interface FastEthernet0/0 overload  R3(config)# interface FastEthernet0/1  R3(config-if)# ip address 10.5.2.62 255.255.255.192  R3(config-if)# ip nat inside  R3(config-if)# no shutdown  R3(config-if)# exit  R3(config)# interface fastEthernet0/0  R3(config-if)# ip address 193.137.100.252 255.255.255.0  R3(config-if)# ip nat outside  R3(config-if)# no shutdown  R3(config-if)# exit  R3(config)# ip route 193.137.101.0 255.255.255.128 193.137.100.254  R3(config)# ip route 193.137.101.128 255.255.255.128 193.137.101.253  R3(config)# exit  R3# copy running-config startup-config  R3# write memory |