

Mikrotik Clientes

/export terse

```
/interface bridge add admin-mac=1A:B0:06:02:XX:30 auto-mac=no name=lo10
/interface bridge add admin-mac=1A:B0:06:02:XX:20 auto-mac=no name=lo20
/interface ethernet set [ find default-name=ether4 ] disabled=yes
/routing bgp instance set default as=655XX router-id=102.XX.0.251
/routing ospf instance set [ find default=yes ] router-id=102.XX.0.252
/routing ospf-v3 instance set [ find default=yes ] router-id=102.XX.0.252
/user group add name=tecnico
policy=ssh,ftp,reboot,read,write,policy,!local,!telnet,!test,!winbox,!password,!web,!sniff,!sensitive,!api,!romon,!dude,!tikapp
/ip settings set rp-filter=strict
/ip address add address=102.XX.0.2/30 interface=ether1 network=102.XX.0.0
/ip address add address=102.XX.2.1/23 interface=ether2 network=102.XX.2.0
/ip address add address=102.XX.1.1/24 interface=ether3 network=102.XX.1.0
/ip address add address=102.XX.0.252 comment=ROUTER-ID interface=lo10
network=102.XX.0.252
/ip address add address=102.XX.0.251 comment=IBGP interface=lo20
network=102.XX.0.251
/ip firewall filter add action=drop chain=forward dst-port=25
in-interface=ether2 protocol=tcp
/ip ssh set strong-crypto=yes
/ipv6 address add address=4d0c:abXX:0:1::2/126 advertise=no
interface=ether1
/ipv6 address add address=4d0c:abXX:c000::1/40 advertise=no
interface=ether2
/ipv6 address add address=4d0c:abXX:4000::1/40 advertise=no
interface=ether3
/ipv6 address add address=4d0c:abXX::252/128 advertise=no interface=lo10
/ipv6 address add address=4d0c:abXX::251/128 advertise=no comment=IBGP
interface=lo20
/ipv6 firewall address-list add address=4d0c:abXX:c000::/40
list=CLIENTE-DOMESTICO-V6
/ipv6 firewall address-list add address=4d0c:abXX:4000::/40
list=CLIENTE-CORPORATIVO-V6
/ipv6 firewall filter add action=drop chain=forward dst-port=25
in-interface=ether2 protocol=tcp
/ipv6 firewall filter add chain=forward in-interface=ether2
src-address-list=CLIENTE-DOMESTICO-V6
/ipv6 firewall filter add chain=forward in-interface=ether3
src-address-list=CLIENTE-CORPORATIVO-V6
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/ipv6 firewall filter add action=drop chain=forward in-interface=ether2
/ipv6 firewall filter add action=drop chain=forward in-interface=ether3
/routing bgp network add network=102.XX.1.0/24 synchronize=no
/routing bgp network add network=102.XX.2.0/23 synchronize=no
/routing bgp network add network=4d0c:abXX:4000::/40 synchronize=no
/routing bgp network add network=4d0c:abXX:c000::/40 synchronize=no
/routing bgp peer add name=IBGP-IPV4-MKT-BORDA nexthop-choice=force-self
remote-address=102.XX.0.254 remote-as=655XX update-source=lo20
/routing bgp peer add address-families=ipv6 in-filter=BUG-IBGP-MKT-IPV6
name=IBGP-IPV6-MKT-BORDA nexthop-choice=force-self
remote-address=4d0c:abXX::254 remote-as=655XX update-source=lo20
/routing filter add chain=BUG-IBGP-MKT-IPV6
set-in-nexthop-ipv6=4d0c:abXX:0:1::1
/routing ospf network add area=backbone network=102.XX.0.0/30
/routing ospf network add area=backbone network=102.XX.0.252/32
/routing ospf network add area=backbone network=102.XX.0.251/32
/routing ospf-v3 interface add area=backbone interface=ether1
/routing ospf-v3 interface add area=backbone interface=lo10 passive=yes
/routing ospf-v3 interface add area=backbone interface=lo20 passive=yes
/system identity set name=mkt_clientesXX
```

Mikrotik Borda

/export terse

```
/interface bridge add admin-mac=1A:B0:06:01:XX:30 auto-mac=no name=lo10
/interface bridge add admin-mac=1A:B0:06:01:XX:20 auto-mac=no name=lo20
/interface ethernet set [ find default-name=ether4 ] disabled=yes
/interface vlan add interface=ether3 name=VLAN-ATM-IPV4-PTT-01 vlan-id=400
/interface vlan add interface=ether3 name=VLAN-ATM-IPV6-PTT-01 vlan-id=600
/routing bgp instance set default as=655XX router-id=102.XX.0.254
/routing ospf instance set [ find default=yes ] router-id=102.XX.0.255
/routing ospf-v3 instance set [ find default=yes ] router-id=102.XX.0.255
/ip neighbor discovery-settings set discover-interface-list=none
/ip address add address=102.XX.0.1/30 interface=ether1 network=102.XX.0.0
/ip address add address=102.XX.0.255 comment=ROUTER-ID interface=lo10
network=102.XX.0.255
/ip address add address=102.XX.0.254 comment=IBGP interface=lo20
network=102.XX.0.254
/ip address add address=102.120.XX.1/30 interface=ether2
network=102.120.XX.0
/ip address add address=102.111.0.XX/24 comment=EBGP-PTT-01
interface=VLAN-ATM-IPV4-PTT-01 network=102.111.0.0
/ip firewall address-list add address=102.XX.0.0/22 list=FILTRO-PTT-V4
/ip firewall filter add chain=forward in-interface=ether3
src-address-list=FILTRO-PTT-V4
/ip firewall filter add action=drop chain=forward in-interface=ether3
/ipv6 address add address=4d0c:abXX:0:1::1/126 advertise=no
interface=ether1
/ipv6 address add address=4d0c:abXX::255/128 advertise=no interface=lo10
/ipv6 address add address=4d0c:abXX::254/128 advertise=no comment=IBGP
interface=lo20
/ipv6 address add address=4d0c:120:0:XX::1/126 advertise=no
interface=ether2
/ipv6 address add address=4d0c:111::XX comment=EBGP-PTT-01
interface=VLAN-ATM-IPV6-PTT-01
/ipv6 firewall address-list add address=4d0c:abXX::/32 list=FILTRO-PTT-V6
/ipv6 firewall filter add chain=forward in-interface=ether3
src-address-list=FILTRO-PTT-V6
/ipv6 firewall filter add action=drop chain=forward in-interface=ether3
/ipv6 nd set [ find default=yes ] disabled=yes
/routing bgp network add network=102.XX.0.0/22 synchronize=no
/routing bgp network add network=4d0c:abXX::/32 synchronize=no
/routing bgp network add network=102.XX.0.0/23 synchronize=no
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/routing bgp network add network=102.XX.2.0/23 synchronize=no
/routing bgp network add network=4d0c:abXX::/33 synchronize=no
/routing bgp network add network=4d0c:abXX:8000::/33 synchronize=no
/routing bgp peer add name=IBGP-IPV4-MKT-CLIENTES nexthop-choice=force-self
remote-address=102.XX.0.251 remote-as=655XX update-source=lo20
/routing bgp peer add address-families=ipv6 in-filter=BUG-IBGP-MKT-IPV6
name=IBGP-IPV6-MKT-CLIENTES nexthop-choice=force-self
remote-address=4d0c:abXX::251 remote-as=655XX update-source=lo20
/routing bgp peer add in-filter=EBGP-OP02-IPV4-IN name=EBGP-OP02-IPV4
nexthop-choice=force-self out-filter=EBGP-OP02-IPV4-OUT
remote-address=102.120.XX.2 remote-as=64520 update-source=ether2
/routing bgp peer add address-families=ipv6 in-filter=EBGP-OP02-IPV6-IN
name=EBGP-OP02-IPV6 nexthop-choice=force-self out-filter=EBGP-OP02-IPV6-OUT
remote-address=4d0c:120:0:XX::2 remote-as=64520 update-source=ether2
/routing bgp peer add name=EBGP-IPV4-LG-PTT01 nexthop-choice=force-self
remote-address=102.111.0.253 remote-as=64511
/routing bgp peer add address-families=ipv6 name=EBGP-IPV6-LG-PTT01
nexthop-choice=force-self remote-address=4d0c:111::253 remote-as=64511
/routing bgp peer add in-filter=BGP-IN-PTT01-IPV4 name=EBGP-IPV4-RS-PTT01
nexthop-choice=force-self out-filter=BGP-OUT-PTT01-IPV4
remote-address=102.111.0.254 remote-as=64501
/routing bgp peer add address-families=ipv6 in-filter=BGP-IN-PTT01-IPV6
name=EBGP-IPV6-RS-PTT01 nexthop-choice=force-self
out-filter=BGP-OUT-PTT01-IPV6 remote-address=4d0c:111::254 remote-as=64501
/routing filter add chain=BUG-IBGP-MKT-IPV6
set-in-nexthop-ipv6=4d0c:abXX:0:1::2
/routing filter add action=discard chain=EBGP-OP02-IPV4-OUT
prefix=!102.XX.0.0/22
/routing filter add action=discard chain=EBGP-OP02-IPV6-OUT
prefix=!4d0c:abXX::/32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=102.XX.0.0/22 prefix-length=22-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN prefix=0.0.0.0/8
prefix-length=8-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=10.0.0.0/8 prefix-length=8-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=100.64.0.0/10 prefix-length=10-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=127.0.0.0/8 prefix-length=8-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=169.254.0.0/16 prefix-length=16-32
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/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=172.16.0.0/12 prefix-length=12-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=192.0.0.0/24 prefix-length=24-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=192.0.2.0/24 prefix-length=24-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=192.168.0.0/16 prefix-length=16-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=198.18.0.0/15 prefix-length=15-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=198.51.100.0/24 prefix-length=24-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=203.0.113.0/24 prefix-length=24-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN
prefix=224.0.0.0/4 prefix-length=4-32
/routing filter add action=discard chain=EBGP-OP02-IPV4-IN prefix=0.0.0.0/0
/routing filter add action=discard chain=EBGP-OP02-IPV6-IN
prefix=4d0c:abXX::/32 prefix-length=32-128
/routing filter add action=discard chain=EBGP-OP02-IPV6-IN
prefix=2001:db8::/32 prefix-length=32-128
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN
prefix=2001:500::/30 prefix-length=30-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2001::/32
prefix-length=32-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2001::/16
prefix-length=16-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN
prefix=2001:c00::/23 prefix-length=23-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2002::/16
prefix-length=16-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2003::/16
prefix-length=16-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2400::/12
prefix-length=12-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2600::/12
prefix-length=12-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2610::/23
prefix-length=23-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2620::/23
prefix-length=23-64
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/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2800::/12
prefix-length=12-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2a00::/12
prefix-length=12-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2801::/24
prefix-length=24-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=2c00::/12
prefix-length=12-64
/routing filter add action=accept chain=EBGP-OP02-IPV6-IN prefix=4d0c::/16
prefix-length=16-64
/routing filter add action=discard chain=EBGP-OP02-IPV6-IN prefix=::/0
/routing filter add action=accept chain=BGP-OUT-PTT01-IPV4
prefix=102.XX.0.0/23
/routing filter add action=accept chain=BGP-OUT-PTT01-IPV4
prefix=102.XX.2.0/23
/routing filter add action=discard chain=BGP-OUT-PTT01-IPV4
prefix=0.0.0.0/0 prefix-length=0-32
/routing filter add action=accept chain=BGP-OUT-PTT01-IPV6
prefix=4d0c:abXX::/33
/routing filter add action=accept chain=BGP-OUT-PTT01-IPV6
prefix=4d0c:abXX:8000::/33
/routing filter add action=discard chain=BGP-OUT-PTT01-IPV6 prefix=::/0
prefix-length=0-128
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=102.XX.0.0/22 prefix-length=22-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=102.120.0.0/16 prefix-length=16-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4 prefix=0.0.0.0/8
prefix-length=8-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=10.0.0.0/8 prefix-length=8-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=100.64.0.0/10 prefix-length=10-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=127.0.0.0/8 prefix-length=8-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=169.254.0.0/16 prefix-length=16-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=172.16.0.0/12 prefix-length=12-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=192.0.0.0/24 prefix-length=24-32
```

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/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=192.0.2.0/24 prefix-length=24-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=192.168.0.0/16 prefix-length=16-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=198.18.0.0/15 prefix-length=15-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=198.51.100.0/24 prefix-length=24-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=203.0.113.0/24 prefix-length=24-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4
prefix=224.0.0.0/4 prefix-length=4-32
/routing filter add action=discard chain=BGP-IN-PTT01-IPV4 prefix=0.0.0.0/0
/routing filter add action=accept chain=BGP-IN-PTT01-IPV4
set-bgp-local-pref=150
/routing filter add action=discard chain=BGP-IN-PTT01-IPV6
prefix=4d0c:abXX::/32 prefix-length=32-128
/routing filter add action=discard chain=BGP-IN-PTT01-IPV6
prefix=4d0c:120::/32 prefix-length=32-128
/routing filter add action=discard chain=BGP-IN-PTT01-IPV6
prefix=2001:db8::/32 prefix-length=32-128
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6
prefix=2001:500::/30 prefix-length=30-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2001::/32
prefix-length=32-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2001::/16
prefix-length=16-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6
prefix=2001:c00::/23 prefix-length=23-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2002::/16
prefix-length=16-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2003::/16
prefix-length=16-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2400::/12
prefix-length=12-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2600::/12
prefix-length=12-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2610::/23
prefix-length=23-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2620::/23
prefix-length=23-64 set-bgp-local-pref=150
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/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2800::/12
prefix-length=12-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2a00::/12
prefix-length=12-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2801::/24
prefix-length=24-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=2c00::/12
prefix-length=12-64 set-bgp-local-pref=150
/routing filter add action=accept chain=BGP-IN-PTT01-IPV6 prefix=4d0c::/16
prefix-length=16-64 set-bgp-local-pref=150
/routing filter add action=discard chain=BGP-IN-PTT01-IPV6 prefix=::/0
prefix-length=0-128
/routing ospf network add area=backbone network=102.XX.0.0/30
/routing ospf network add area=backbone network=102.XX.0.255/32
/routing ospf network add area=backbone network=102.XX.0.254/32
/routing ospf-v3 interface add area=backbone interface=ether1
/routing ospf-v3 interface add area=backbone interface=lo10 passive=yes
/routing ospf-v3 interface add area=backbone interface=lo20 passive=yes
/system identity set name=mkt_bordaXX
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