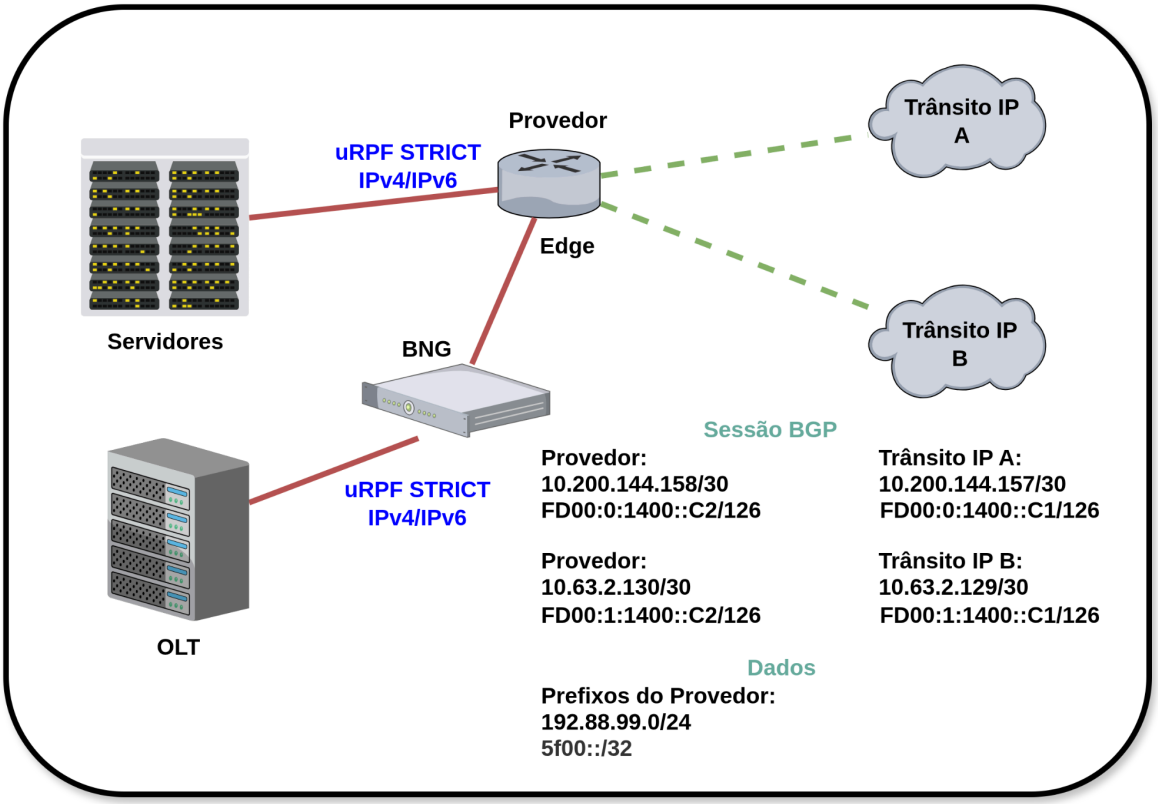
Exemplo de configuração em uma borda **Huawei NE8000**. A configuração abaixo bloqueia **BOGONs**, faz **anti-spoofing** e libera os peerings para estabelecerem as **sessões BGP** com os **Trânsitos IP**.




```
acl ip-pool PREFIXOS_PEERING_BGP_IPv4
 ip address 10.200.144.156 0.0.0.3
 ip address 10.63.2.128 0.0.0.3
#
acl ipv6-pool PREFIXOS_PEERING_BGP_IPv6
 ipv6 address FD00:0:1400::C0 126
 ipv6 address FD00:1:1400::C0 126
#
acl ip-pool PREFIXOS_PROVEDORv4
 ip address 192.88.99.0 0.0.0.255
#
acl ipv6-pool PREFIXOS_PROVEDORv6
 ipv6 address 5f00:: 32
#
acl ipv6-pool IPv6-LINKLOCAL
 ipv6 address FE80:: 10
#
```

```
acl ip-pool PREFIXOS_BOGONSv4
 ip address 0.0.0.0 0.255.255.255
 ip address 100.64.0.0 0.63.255.255
 ip address 127.0.0.0 0.255.255.255
 ip address 169.254.0.0 0.0.255.255
 ip address 172.16.0.0 0.15.255.255
 ip address 192.0.0.0 0.0.0.255
 ip address 192.0.2.0 0.0.0.255
 ip address 192.168.0.0 0.0.255.255
 ip address 198.18.0.0 0.1.255.255
 ip address 198.51.100.0 0.0.0.255
 ip address 203.0.113.0 0.0.0.255
 ip address 224.0.0.0 31.255.255.255
 ip address 10.0.0.0 0.255.255.255
#
acl ipv6-pool PREFIXOS_BOGONSv6
 ipv6 address :: 8
 ipv6 address 100:: 64
 ipv6 address 2001:2:: 48
 ipv6 address 2001:10:: 28
 ipv6 address 2001:DB8:: 32
 ipv6 address 2002:: 16
 ipv6 address 3FFE:: 16
 ipv6 address FC00:: 7
 ipv6 address FEC0:: 10
 ipv6 address FF00:: 8
#
acl name ACL_PEERING_BGP_IPv4 advance
 rule 1 permit ip source-pool PREFIXOS_PEERING_BGP_IPv4
 rule 2 permit ip destination-pool PREFIXOS_PEERING_BGP_IPv4
#

acl ipv6 name ACL_PEERING_BGP_IPv6 advance
 rule 1 permit ipv6 source-pool PREFIXOS_PEERING_BGP_IPv6
 rule 2 permit ipv6 destination-pool PREFIXOS_PEERING_BGP_IPv6
#
acl name ACL_DROP_IN_BOGONSv4 advance
 rule 1 permit ip source-pool PREFIXOS_BOGONSv4
#
acl ipv6 name ACL_DROP_IN_BOGONSv6 advance
 rule 1 permit ipv6 source-pool PREFIXOS_BOGONSv6
#
acl name ACL_PREFIXOS_NEQ_PROVEDORv4_OUT advance
 rule 1 permit ip
#
acl ipv6 name ACL_PREFIXOS_NEQ_PROVEDORv6_OUT advance
 rule 1 permit ipv6
#
acl name ACL_PREFIXOS_PROVEDORv4 advance
 rule 1 permit ip source-pool PREFIXOS_PROVEDORv4
#
acl ipv6 name ACL_PREFIXOS_PROVEDORv6 advance
 rule 1 permit ipv6 source-pool PREFIXOS_PROVEDORv6
#
```

```
acl ipv6 name ACL_PERMIT_IPv6_LINKLOCAL advance
 rule 1 permit ipv6 source-pool IPv6-LINKLOCAL
 rule 2 permit ipv6 destination-pool IPv6-LINKLOCAL
#
traffic classifier TC_BOGONSv4 operator or
 if-match acl name ACL_DROP_IN_BOGONSv4 precedence 1
#
traffic classifier TC_BOGONSv6 operator or
 if-match ipv6 acl name ACL_DROP_IN_BOGONSv6 precedence 1
#
traffic classifier TC_PEERING_BGP_IPv4 operator or
 if-match acl name ACL_PEERING_BGP_IPv4 precedence 1
#
traffic classifier TC_PEERING_BGP_IPv6 operator or
 if-match ipv6 acl name ACL_PEERING_BGP_IPv6 precedence 1
#
traffic classifier TC_PERMIT_IPv6_LINKLOCAL operator or
 if-match ipv6 acl name ACL_PERMIT_IPv6_LINKLOCAL precedence 1
#
traffic classifier TC_PREFIXOS_NEQ_PROVEDORv4_OUT operator or
 if-match acl name ACL_PREFIXOS_NEQ_PROVEDORv4_OUT precedence 1
#
traffic classifier TC_PREFIXOS_NEQ_PROVEDORv6_OUT operator or
 if-match ipv6 acl name ACL_PREFIXOS_NEQ_PROVEDORv6_OUT precedence
1
#
traffic classifier TC_PREFIXOS_PROVEDORv4 operator or
 if-match acl name ACL_PREFIXOS_PROVEDORv4 precedence 1
#
traffic classifier TC_PREFIXOS_PROVEDORv6 operator or
 if-match ipv6 acl name ACL_PREFIXOS_PROVEDORv6 precedence 1
#
traffic behavior BH_ACCEPT
#
traffic behavior BH_DROP
 deny
 description BLOQUEIO
#
traffic policy POLICY-EDGE-TRANSITOS-IN
 description REGRAS BLOQUEIO TRANSITOS PARA BACKBONE
 share-mode
 statistics enable
 classifier TC_PERMIT_IPv6_LINKLOCAL behavior BH_ACCEPT precedence 1
 classifier TC_PEERING_BGP_IPv4 behavior BH_ACCEPT precedence 2
 classifier TC_PEERING_BGP_IPv6 behavior BH_ACCEPT precedence 3
 classifier TC_BOGONSv4 behavior BH_DROP precedence 10
 classifier TC_BOGONSv6 behavior BH_DROP precedence 20
 classifier TC_PREFIXOS_PROVEDORv4 behavior BH_DROP precedence 30
 classifier TC_PREFIXOS_PROVEDORv6 behavior BH_DROP precedence 40
#
```

```
traffic policy POLICY-EDGE-TRANSITOS-OUT
 description REGRAS BLOQUEIO BACKBONE PARA A INTERNET
 share-mode
 statistics enable
 classifier TC_PERMIT_IPv6_LINKLOCAL behavior BH_ACCEPT precedence 1
 classifier TC_PEERING_BGP_IPv4 behavior BH_ACCEPT precedence 2
 classifier TC_PEERING_BGP_IPv6 behavior BH_ACCEPT precedence 3
 classifier TC_PREFIXOS_PROVEDORv4 behavior BH_ACCEPT precedence 4
 classifier TC_PREFIXOS_PROVEDORv6 behavior BH_ACCEPT precedence 5
 classifier TC_BOGONSv4 behavior BH_DROP precedence 10
 classifier TC_BOGONSv6 behavior BH_DROP precedence 20
 classifier TC_PREFIXOS_NEQ_PROVEDORv4_OUT behavior BH_DROP precedence 30
 classifier TC_PREFIXOS_NEQ_PROVEDORv6_OUT behavior BH_DROP precedence 40
#
interface Virtual-Ethernet0/1/2.215
 vlan-type dot1q 215
 description TRANSIT.IP
 ipv6 enable
 ip address 10.200.144.158 255.255.255.252
 ipv6 address FD00:1:1400::C2/126
 statistic enable
 traffic-policy POLICY-EDGE-TRANSITOS-IN inbound
 traffic-policy POLICY-EDGE-TRANSITOS-OUT outbound
 arp expire-time 14400
 ip netstream inbound
 ip netstream outbound
 ipv6 netstream inbound
 ipv6 netstream outbound
 arp rate-limit 0
#
interface Virtual-Ethernet0/1/2.216
 vlan-type dot1q 216
 description TRANSIT.IP2
 ipv6 enable
 ip address 10.63.2.130 255.255.255.252
 ipv6 address FD00:0:1400::C2/126
 statistic enable
 traffic-policy POLICY-EDGE-TRANSITOS-IN inbound
 traffic-policy POLICY-EDGE-TRANSITOS-OUT outbound
 arp expire-time 14400
 ip netstream inbound
 ip netstream outbound
 ipv6 netstream inbound
 ipv6 netstream outbound
 arp rate-limit 0

[cpu-defend-policy-1]car icmp cir 500
[cpu-defend-policy-1]car icmpv6 cir 500
```