

```

vrf definition VRF_A
  address-family ipv4
  exit-address-family
!
vrf definition VRF_B
  address-family ipv4
  exit-address-family
!
interface GigabitEthernet0/0
  description FIREWALL | Gi0
  no ip address
  duplex auto
  speed auto
  no shutdown
!
interface GigabitEthernet0/0.2540
  description VLAN_2540
  encapsulation dot1Q 2540
  ip address 10.0.100.4 255.255.255.0
  ip nat outside
  ip virtual-reassembly in
!
interface GigabitEthernet0/1
  description SWITCH | Gi1/0/21
  no ip address
  duplex auto
  speed auto
  no shutdown
!
interface GigabitEthernet0/1.101
  description VRF_A-VLAN_101
  encapsulation dot1Q 101
  vrf forwarding VRF_A
  ip address 192.168.12.1 255.255.255.0
  ip nat inside
  ip virtual-reassembly in
!
interface GigabitEthernet0/1.102
  description VRF_B-VLAN_102
  encapsulation dot1Q 102
  vrf forwarding VRF_B
  ip address 192.168.12.1 255.255.255.0
  ip nat inside
  ip virtual-reassembly in
!
ip access-list extended ACL_NAT
  permit ip 192.168.12.0 0.0.0.255 any
!
ip nat inside source list ACL_NAT interface GigabitEthernet0/0.2540 vrf VRF_A overload
ip nat inside source list ACL_NAT interface GigabitEthernet0/0.2540 vrf VRF_B overload
!
ip route 0.0.0.0 0.0.0.0 10.0.100.1
ip route vrf VRF_A 0.0.0.0 0.0.0.0 10.0.100.1 global
ip route vrf VRF_B 0.0.0.0 0.0.0.0 10.0.100.1 global

```

HINT: The rest of the configuration is default, like a new router