**Paso 1**

HQ

cdp run

int g0/0

no cdp enable

int g0/1

no cdp enable

exit

Branch

cdp run

int s0/0/1

no cdp enable

int s0/1/0

no cdp enable

exit

**Paso 2**

HQ

ip route 0.0.0.0 0.0.0.0 192.168.2.1

ipv6 route ::/0 2001:DB8:ACAD:B::1

Branch

ip route 0.0.0.0 0.0.0.0 198.51.100.1

ip route 0.0.0.0 0.0.0.0 203.0.113.1

ip route 0.0.0.0 0.0.0.0 203.0.113.1 5

ipv6 route ::/0 2001:DB8:ACAD:D::1

ipv6 route ::/0 2001:DB8:ACAD:E::1 5

ip route 192.168.1.0 255.255.255.0 192.168.2.2

ipv6 route 2001:DB8:ACAD:A::/64 2001:DB8:ACAD:B::2

ip route 172.16.1.0 255.255.255.0 192.168.2.2

ipv6 route 2001:DB8:ACAD:C::10/64 2001:DB8:ACAD:B::2

**Paso 3**

HQ

ipv6 unicast-routing

ip dhcp excluded-address 172.16.1.10

ip dhcp excluded-address 172.16.1.1

ip dhcp pool LANA

network 192.168.1.0 255.255.255.0

default-router 192.168.1.1

dns-server 209.165.200.5

exit

ip dhcp pool LANC

network 172.16.1.0 255.255.255.0

default-router 172.16.1.1

dns-server 209.165.200.5

**Paso 4**

Branch

ipv6 unicast-routing

ip nat inside source static 172.16.1.10 198.51.100.10

int s0/0/1

ip nat outside

int s0/0/0

ip nat inside

exit

access-list 1 permit 192.168.1.0 0.0.0.255

access-list 1 permit 172.16.1.0 0.0.0.255

ip nat inside source list 1 interface s0/0/1 overload