Nome/RA: Andrea Mara Weber – 2079852

NN: 52 em hexa \rightarrow 034

N: 52

 $N \rightarrow \text{dois últimos números do } RA$

| Sub-Rede | | IPv4 | IPv6 |
|----------|-------------------------|--|---------------------------------------|
| | Endereço da sub-rede | Máscara sub-rede / (Prefixo sub-rede) | Endereço da sub-rede |
| LAN0 | 200.200. 52 .0 | 255.255.255.192 (/2 6) | 2001:0DB8:ACAD: 34 00::/64 |
| LAN1 | 200.200. 52 .64 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 01::/64 |
| LAN2 | 200.200. 52 .96 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 02::/64 |
| WAN1 | 200.200. 52 .128 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::1:0/112 |
| WAN2 | 200.200. 52 .132 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::2:0/112 |
| WAN3 | 200.200. 52 .136 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::3:0/112 |

Topologia 1

| | Tabela de Endereçamento | | | | | |
|-------------|-------------------------|--------------------------|-----------------------|---------------|--|--|
| | | IPv4 | Máscara de subrede | IPv4 Gateway | | |
| Dispositivo | Interface | IPv6 / Pre | fixo (GUA) | IDv6 Cotowov | | |
| | | IPv6 / Pre | fixo (LLA) | IPv6 Gateway | | |
| | | 200.200.52.1 | 255.255.255.192 | 200.200.52.62 | | |
| PC0.1 | NIC | 2001:db8:aca | ad:3400::1/64 | FE80::1 | | |
| | | EUI-64 | | 1 2001 | | |
| | | 200.200.52.2 | 255.255.255.192 | 200.200.52.62 | | |
| PC0.2 | NIC | 2001:db8:aca | FE80::1 | | | |
| | | EU | | | | |
| | | 200.200.52.65 | 255.255.255.224 | 200.200.52.94 | | |
| PC1.1 | NIC | 2001:db8:acad:3401::1/64 | | FE80::1 | | |
| | | EUI-64 | | 1 2001 | | |
| | | 200.200.52.66 | 255.255.255.224 | 200.200.52.94 | | |
| PC1.2 | NIC | 2001:db8:acad:3401::2/64 | | FE80::1 | | |
| | | EUI-64 | | | | |

| S1 | SVI | 200.200.52.61 | 255.255.255.192 | 200.200.52.62 |
|----|-------|---------------------------|-----------------|---------------|
| S2 | SVI | 200.200.52.93 | 255.255.255.224 | 200.200.52.94 |
| | | 200.200.52.94 | 255.255.255.224 | - |
| R1 | Fa0/0 | 2001:db8:acad:3401::94/64 | | - |
| | | FE80::1 | | - |
| | | 200.200.52.62 | 255.255.255.192 | - |
| R1 | Fa0/1 | 2001:db8:acad:3400::62/64 | | - |
| | | FE80::1 | | - |

Se há duas redes diretamente conectadas, não há next hop.

| | R1 - Tabela de Roteamento | | | | | |
|------|---------------------------|-------------|---------|---------|-----------------|--|
| | | IPv4 | | | | |
| Tipo | Rede de Destino | Máscar | a Ne | xt Hop | Interface Saída | |
| С | 200.200.52.0 | 255.255.255 | 192 | 0.0.0.0 | Fa0/1 | |
| С | 200.200.52.64 | 255.255.255 | 224 (| 0.0.0.0 | Fa0/0 | |
| | | IPv6 | | | | |
| Tipo | Rede de Destino / | Prefixo | Next Ho | р | Interface Saída | |
| С | 2001:db8:acad:3400::6 | 62/64 | ::0 | | Fa0/1 | |
| С | 2001:db8:acad:3401::9 | 94/64 | ::0 | | Fa0/0 | |

| Sub-Rede | IPv4 | | IPv6 |
|----------|-------------------------|--|---------------------------------------|
| | Endereço da sub-rede | Máscara sub-rede / (Prefixo sub-rede) | Endereço da sub-rede |
| LAN0 | 200.200. 52 .0.0 | 255.255.255.192 (/2 6) | 2001:0DB8:ACAD: 34 00::/64 |
| LAN1 | 200.200. 52 .64 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 01::/64 |
| LAN2 | 200.200. 52 .96 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 02::/64 |
| WAN1 | 200.200. 52 .128 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::1:0/112 |
| WAN2 | 200.200. 52 .132 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::2:0/112 |
| WAN3 | 200.200. 52 .136 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::3:0/112 |

Para as topologias, utilizei outro endereço de rede para a WAN1, devido ao erro de bad mask, foi utilizado 200.200.52.129.

Topologia 2

| Topologia 2 | | | | | | |
|-------------------------|-----------|------------------------------------|-----------------------|--------------|--|--|
| Tabela de Endereçamento | | | | | | |
| | | IPv4 | Máscara de subrede | IPv4 Gateway | | |
| Dispositivo | Interface | IPv6 / Prefixo (GUA) IPv6 Gateway | | | | |
| <u>-</u> | - | - | | IPVO Galeway | | |

| | | IPv6 / Prefi | ixo (LLA) | | |
|-------------------|-------|---------------------------|-----------------|-----------------|--|
| | | 200.200.52.1 | 255.255.255.192 | 200.200.52.62 | |
| PC0.1 | NIC | 2001:db8:acad | FE80::1 | | |
| | | EUI- | 64 | 1 2001 | |
| | | 200.200.52.2 | 255.255.255.192 | 200.200.52.62 | |
| PC0.2 | NIC | 2001:db8:acad | d:3400::2/64 | FE80::1 | |
| | | EUI- | 64 | 1 2001 | |
| | | 200.200.52.65 | 255.255.255.224 | 200.200.52.94 | |
| PC1.1 PC1 DA LAN1 | NIC | 2001:db8:acad | d:3401::1/64 | FE80::1 | |
| | | EUI- | 64 | Γ ⊑0 U Ι | |
| | | 200.200.52.66 | 255.255.255.224 | 200.200.52.94 | |
| PC1.2 | NIC | 2001:db8:acad | FE80::1 | | |
| | | EUI-64 | | | |
| S1 | SVI | 200.200.52.61 | 255.255.255.192 | 200.200.52.62 | |
| S2 | SVI | 200.200.52.93 | 255.255.255.224 | 200.200.52.94 | |
| | | 200.200.52.129 | 255.255.255.252 | - | |
| R1 | Fa0/0 | 2001:0db8:acad | d:34ff::1:1/112 | - | |
| | | - | | - | |
| | | 200.200.52.62 | 255.255.255.192 | - | |
| R1 | Fa0/1 | 2001:db8:acad | :3400::62/64 | - | |
| | | FE80 |)::1 | - | |
| R2 | Fa0/1 | 200.200.52.94 | 255.255.255.224 | - | |
| | | 2001:db8:acad:3401::94/64 | | - | |
| | | FE80::1 | | | |
| R2 | Fa0/0 | 200.200.52.130 | 255.255.255.252 | - | |

| | 2001:0db8:acad:34ff::1:2/112 | - |
|--|------------------------------|---|
| | - | |

| | R1 - Tabela de Roteamento | | | | | | |
|------|------------------------------|-----------|-----------|-------------------|--------------------|--|--|
| | IPv4 | | | | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | | |
| S | 200.200.52.64 | 255.255 | 5.255.224 | 200.200.52.130 | Fa0/0 | | |
| С | 200.200.52.64 | 255.255 | 5.255.224 | 0.0.0.0 | Fa0/1 | | |
| С | 200.200.52.128 | 255.255 | 5.255.252 | 0.0.0.0 | Fa0/0 | | |
| | | IP | v6 | | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | | |
| S | 2001:DB8:ACAD:340 | 1::/64 | 2001:D | B8:ACAD:34FF::1:2 | Fa0/0 | | |
| С | 2001:0DB8:ACAD:340 | 01::/64 | | ::0 | Fa0/1 | | |
| С | 2001:0DB8:ACAD: 34 FF | ::1:0/112 | | ::0 | Fa0/0 | | |

| | R2 – Tabela de Roteamento | | | | | | |
|------|---------------------------|----------|-----------|-----------------------|--------------------|--|--|
| | IPv4 | | | | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | | |
| S | 200.200.52.0 | 255.255 | 5.255.192 | 200.200.52.129 | Fa0/0 | | |
| С | 200.200.52.0 | 255.255 | 5.255.192 | 0.0.0.0 | Fa0/1 | | |
| С | 200.200.52.62 | 255.255 | 5.255.192 | 0.0.0.0 | Fa0/0 | | |
| | | IP | v6 | | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | | |
| S | 2001:0DB8:ACAD:34 | 00::/64 | 2001:0d | b8:acad:34ff::1:1/112 | Fa0/0 | | |
| С | 2001:0DB8:ACAD:34 | 00::/64 | _ | ::0 | Fa0/1 | | |
| С | 2001:db8:acad:340 | 0::62/64 | | ::0 | Fa0/0 | | |

Topologia 3

| Sub-Rede | IPv4 | | IPv6 |
|----------|-------------------------|--|---------------------------------------|
| | Endereço da sub-rede | Máscara sub-rede / (Prefixo sub-rede) | Endereço da sub-rede |
| LAN0 | 200.200. 52 .0.0 | 255.255.255.192 (/2 6) | 2001:0DB8:ACAD: 34 00::/64 |
| LAN1 | 200.200. 52 .64 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 01::/64 |
| LAN2 | 200.200. 52 .96 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 02::/64 |
| WAN1 | 200.200. 52 .128 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::1:0/112 |
| WAN2 | 200.200. 52 .132 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::2:0/112 |
| WAN3 | 200.200. 52 .136 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::3:0/112 |

Tabela de Endereçamento

| | | IPv4 | Máscara de subrede | IPv4 Gateway | |
|-------------------|------------------------------------|----------------|--------------------------|---------------|--|
| Dispositivo | Interface | IPv6 / Pre | fixo (GUA) | ID 0.0-1- | |
| | | IPv6 / Pre | fixo (LLA) | IPv6 Gateway | |
| | | 200.200.52.1 | 255.255.255.192 | 200.200.52.62 | |
| PC0.1 | NIC | 2001:db8:ac | ad:3400::1/64 | FE80::1 | |
| | | EUI-64 | | 1 L001 | |
| | | 200.200.52.2 | 255.255.255.192 | 200.200.52.62 | |
| PC0.2 | NIC | 2001:db8:ac | ad:3400::2/64 | FE80::1 | |
| | | EU | I-64 | 1 L001 | |
| | | 200.200.52.65 | 255.255.255.224 | 200.200.52.94 | |
| PC1.1 PC1 DA LAN1 | NIC | 2001:db8:ac | ad:3401::1/64 | FE80::1 | |
| T GI B/(B WI | | EUI-64 | | FE001 | |
| | | 200.200.52.66 | 255.255.255.224 | 200.200.52.94 | |
| PC1.2 | NIC | 2001:db8:ac | ad:3401::2/64 | FE80::1 | |
| | | EU | I-64 | FEOU I | |
| S1 | SVI | 200.200.52.61 | 255.255.255.192 | 200.200.52.62 | |
| S2 | SVI | 200.200.52.93 | 255.255.255.224 | 200.200.52.94 | |
| | | 200.200.52.129 | 255.255.255.252 | - | |
| R1 | Fa0/0 | 2001:0db8:aca | ad:34ff::1:1/112 | - | |
| | | | - | - | |
| | | 200.200.52.62 | 255.255.255.192 | - | |
| R1 | R1 Fa0/1 2001:db8:acad:3400::62/64 | | nd:3400::62/64 | - | |
| | FE80::1 | | - | | |
| | | 200.200.52.134 | 255.255.255.252 | - | |
| R2 | Fa0/0 | 2001:0DB8:ACA | D: 34 FF::2:2/112 | - | |

| | | | - | - | |
|----|-------|----------------|--------------------------|---|--|
| | | 200.200.52.94 | 255.255.255.224 | - | |
| R2 | Fa0/1 | 2001:db8:aca | d:3401::94/64 | - | |
| | | FE8 | - | | |
| | | 200.200.52.133 | 255.255.255.252 | - | |
| R3 | Fa0/0 | 2001:0DB8:ACA | D: 34 FF::2:1/112 | - | |
| | | | - | | |
| | | 200.200.52.130 | 255.255.255.252 | - | |
| R3 | Fa0/1 | 2001:0db8:aca | - | | |
| | | | - | | |

| | R1 – Tabela de Roteamento | | | | | |
|------|---------------------------|-----------|------------|----------------------------|-----------------|--|
| | | IP | v4 | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | |
| S | 200.200. 52 .64 | 255.255 | .255.224 | 200.200.52.134 | Fa0/0 | |
| S | 200.200. 52 .132 | 255.255 | .255.252 | 200.200.52.130 | Fa0/0 | |
| С | 200.200.52.0 | 255.255 | .255.192 | 0.0.0.0 | Fa0/1 | |
| С | 200.200.52.128 | 255.255 | .255.252 | 0.0.0.0 | Fa0/0 | |
| | | IP | v6 | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | |
| S | 2001:0DB8:ACAD:34 | 01::/64 | 2001:0D | B8:ACAD: 34 FF::2:2 | Fa0/0 | |
| S | 2001:0DB8:ACAD:34FF | ::2:0/112 | 2001:0 | db8:acad:34ff::1:2 | Fa0/0 | |
| С | 2001:DB8:ACAD:340 | 00::/64 | ::/64 :::0 | | Fa0/1 | |
| С | 2001:DB8:ACAD:34FF: | ::1:0/112 | | ::0 | Fa0/0 | |

| | R2 - Tabela de Roteamento | | | | | |
|------|---------------------------|---------|-----------|--------------------|-----------------|--|
| | | IP | v4 | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | |
| S | 200.200.52.0 | 255.255 | .255.192 | 200.200.52.129 | Fa0/0 | |
| S | 200.200.52.128 | 255.255 | .255.252 | 200.200.52.133 | Fa0/0 | |
| С | 200.200.52.64 | 255.255 | .255.224 | 0.0.0.0 | Fa0/1 | |
| С | 200.200.52.132 | 255.255 | 5.255.252 | 0.0.0.0 | Fa0/0 | |
| | | IP | v6 | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | |
| S | 2001:0DB8:ACAD:340 | 00::/64 | 2001:0 | db8:acad:34ff::1:1 | Fa0/0 | |

| S | 2001:0DB8:ACAD:34FF::1:0/112 | 2001:0DB8:ACAD: 34 FF::2:1 | Fa0/0 |
|---|------------------------------|-----------------------------------|-------|
| С | 2001:DB8:ACAD:3401::/64 | ::0 | Fa0/1 |
| С | 2001:DB8:ACAD:34FF::2:0/112 | ::0 | Fa0/0 |

| | R3 – Tabela de Roteamento | | | | | |
|------|---------------------------|----------|------------|----------------------------|-----------------|--|
| | | ΙΡ | <i>1</i> 4 | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | |
| S | 200.200.52.0 | 255.255 | .255.192 | 200.200.52.129 | Fa0/1 | |
| S | 200.200.52.64 | 255.255 | .255.224 | 200.200.52.134 | Fa0/0 | |
| С | 200.200.52.128 | 255.255. | .255.252 | 0.0.0.0 | Fa0/1 | |
| С | 200.200.52.132 | 255.255 | 255.252 | 0.0.0.0 | Fa0/0 | |
| | | ΙΡ | / 6 | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | |
| S | 2001:0DB8:ACAD:340 | 00::/64 | 2001:0 | 0db8:acad:34ff::1:1 | Fa0/1 | |
| S | 2001:0DB8:ACAD:340 | 01::/64 | 2001:0D | B8:ACAD: 34 FF::2:2 | Fa0/0 | |
| С | 2001:DB8:ACAD:34FF: | :1:0/112 | | ::0 | Fa0/1 | |
| С | 2001:DB8:ACAD:34FF: | :2:0/112 | | ::0 | Fa0/0 | |

Topologia 4

| Sub-Rede | | Pv4 | IPv6 |
|----------|-------------------------|--|---------------------------------------|
| | Endereço da sub-rede | Máscara sub-rede / (Prefixo sub-rede) | Endereço da sub-rede |
| LAN0 | 200.200. 52 .0.0 | 255.255.255.192 (/2 6) | 2001:0DB8:ACAD: 34 00::/64 |
| LAN1 | 200.200. 52 .64 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 01::/64 |
| LAN2 | 200.200. 52 .96 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 02::/64 |
| WAN1 | 200.200. 52 .128 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::1:0/112 |
| WAN2 | 200.200. 52 .132 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::2:0/112 |
| WAN3 | 200.200. 52 .136 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::3:0/112 |

| Tabela de Endereçamento | | | | | |
|-------------------------|-----------|----------------------------|-----------------|---------------|--|
| | | IPv4 Máscara de subrede | | IPv4 Gateway | |
| Dispositivo | Interface | IPv6 / Pref | fixo (GUA) | IDv6 Cataway | |
| | | IPv6 / Pre | IPv6 Gateway | | |
| | | 200.200.52.1 | 255.255.255.192 | 200.200.52.62 | |
| PC0.1 | NIC | 2001:db8:acad:3400::1/64 | | FE80::1 | |
| | | EU | 1 2001 | | |
| | | 200.200.52.2 | 255.255.255.192 | 200.200.52.62 | |
| PC0.2 | NIC | 2001:db8:aca | FE80::1 | | |

| | | EU | | |
|---------------|-------|---------------------------|------------------|----------------|
| | | 200.200.52.65 | 255.255.255.224 | 200.200.52.94 |
| PC1.1 | NIC | 2001:db8:aca | ad:3401::1/64 | FF00.4 |
| T CT D/(E W) | | EU | I-64 | FE80::1 |
| | | 200.200.52.66 | 255.255.255.224 | 200.200.52.94 |
| PC1.2 | NIC | 2001:db8:aca | ad:3401::2/64 | FE80::1 |
| | | EU | I-64 | 1 2001 |
| | | 200.200.52.97 | 255.255.255.224 | 200.200.52.106 |
| PC2.1 | NIC | 2001:db8:aca | ad:3402::1/64 | FE80::1 |
| | | EU | I-64 | 1 2001 |
| | | 200.200.52.98 | 255.255.255.224 | 200.200.52.106 |
| PC2.2 | NIC | 2001:db8:acad:3402::2/64 | | FE80::1 |
| | | EU | | |
| S1 | SVI | 200.200.52.61 | 255.255.255.192 | 200.200.52.62 |
| S2 | SVI | 200.200.52.93 | 255.255.255.224 | 200.200.52.94 |
| S3 | SVI | 200.200.52.105 | 255.255.255.224 | 200.200.52.106 |
| | | 200.200.52.129 | 255.255.255.252 | - |
| R1 | Fa0/0 | 2001:0db8:aca | ad:34ff::1:1/112 | - |
| | | | - | - |
| | | 200.200.52.62 | 255.255.255.192 | - |
| R1 | Fa0/1 | 2001:db8:aca | d:3400::62/64 | - |
| | FE80 | | 80::1 | - |
| R2 | Fa0/1 | 200.200.52.94 | 255.255.255.224 | - |
| | | 2001:db8:acad:3401::94/64 | | - |
| | | FE8 | | |

| R2 | Fa0/0 | 200.200.52.130 | 255.255.255.252 | - |
|----|-------|------------------------------|-----------------|---|
| | | 2001:0db8:acad:34ff::1:2/112 | | - |
| | | | | |
| R2 | Fa1/0 | 200.200.52.106 | 255.255.255.252 | - |
| | | 2001:0DB8:ACA | - | |
| | | FE8 | - | |

Numero de linhas: numero de subredes, como ha 4 subredes Next hop eh como se fosse o proximo roteador pelo qual o pacote precisa passar antes de chegar ao destino

| | R1 - Tabela de Roteamento | | | | | | |
|------|---------------------------|---------|-----------|--------------------------------|-----------------|--|--|
| | IPv4 | | | | | | |
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída | | |
| С | 200.200.52.0 | 255.255 | 5.255.192 | 0.0.0.0 | Fa0/1 | | |
| S | 200.200.52.64 | 255.255 | 5.255.224 | 200.200.52.130 | Fa0/0 | | |
| S | 200.200.52.96 | 255.255 | 5.255.224 | 200.200.52.130 | Fa0/0 | | |
| С | 200.200.52.128 | 255.255 | 5.255.252 | 0.0.0.0 | Fa0/0 | | |
| | | IP | v6 | | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | | |
| С | 2001:0db8:acad:340 | 0::/64 | | - | Fa0/1 | | |
| S | 2001:0db8:acad:340 | 1::/64 | 2001:0db | 08:acad:34ff::1: 2 /112 | Fa0/0 | | |
| S | 2001:0db8:acad:340 | 2::/64 | 2001:0db | 08:acad:34ff::1: 2 /112 | Fa0/0 | | |
| С | 2001:0db8:acad:34ff::: | 1:0/112 | | - | Fa0/0 | | |

| | R2 – Tabela de Roteamento | | | | | |
|------|---------------------------|-----------|---------|-----------------------|-----------------|--|
| | | IPv | 4 | | | |
| Tipo | Rede de Destino | Máso | cara | Next Hop | Interface Saída | |
| S | 200.200.52.0 | 255.255. | 255.192 | 200.200.52.129 | Fa0/0 | |
| С | 200.200.52.64 | 255.255 | 255.224 | 0.0.0.0 | Fa0/1 | |
| С | 200.200.52.96 | 255.255 | 255.224 | 0.0.0.0 | Fa1/0 | |
| С | 200.200.52.128 | 255.255. | 255.252 | 0.0.0.0 | Fa0/0 | |
| | | IPv | 6 | | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída | |
| S | 2001:0DB8:ACAD: 34 | 00::/64 | 2001:0d | b8:acad:34ff::1:1/112 | Fa0/0 | |
| С | 2001:DB8:ACAD:340 | 1::/64 | | ::0 | Fa0/1 | |
| С | 2001:DB8:ACAD:3402::/64 | | | ::0 | Fa1/0 | |
| С | 2001:DB8:ACAD:34FF: | ::1:0/112 | | ::0 | Fa0/0 | |

| Sub-Rede | | Pv4 | IPv6 |
|----------|-------------------------|--|---------------------------------------|
| | Endereço da sub-rede | Máscara sub-rede / (Prefixo sub-rede) | Endereço da sub-rede |
| LAN0 | 200.200. 52 .0.0 | 255.255.255.192 (/2 6) | 2001:0DB8:ACAD: 34 00::/64 |
| LAN1 | 200.200. 52 .64 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 01::/64 |
| LAN2 | 200.200. 52 .96 | 255.255.255.224 (/27) | 2001:0DB8:ACAD: 34 02::/64 |
| WAN1 | 200.200. 52 .128 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::1:0/112 |
| WAN2 | 200.200. 52 .132 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::2:0/112 |
| WAN3 | 200.200. 52 .136 | 255.255.255.252 (/30) | 2001:0DB8:ACAD: 34 FF::3:0/112 |

| Tabela de Endereçamento | | | | |
|-------------------------|--------------------------|--|---------------|--|
| | IPv4 | Máscara de subrede | IPv4 Gateway | |
| Interface | IPv6 / Pref | IPv6 Gateway | | |
| | IPv6 / Pre | fixo (LLA) | IPVO Galeway | |
| | 200.200.52.1 | 255.255.255.192 | 200.200.52.62 | |
| NIC | 2001:db8:aca | ad:3400::1/64 | FE80::1 | |
| | EU | I-64 | 1 2001 | |
| | 200.200.52.2 | 255.255.255.192 | 200.200.52.62 | |
| NIC | 2001:db8:aca | ad:3400::2/64 | FE80::1 | |
| | EUI-64 | | FE0U I | |
| | 200.200.52.65 | 255.255.255.224 | 200.200.52.94 | |
| NIC | 2001:db8:acad:3401::1/64 | | FF00::4 | |
| | EU | I-64 | FE80::1 | |
| | 200.200.52.66 | 255.255.255.224 | 200.200.52.94 | |
| NIC | 2001:db8:acad:3401::2/64 | | FF00::4 | |
| - | EUI-64 | | FE80::1 | |
| | 200.200.52.97 | 255.255.255.224 | | |
| NIC | 2001:db8:aca | ad:3402::1/64 | EE00::4 | |
| ļ | EU | I-64 | FE80::1 | |
| | NIC NIC | IPv4 IPv6 / Pre IPv6 / Pre IPv6 / Pre IPv6 / Pre 200.200.52.1 IPv6 / Pre 200.200.52.1 IPv6 / Pre 200.200.52.2 IPv6 / Pre 200.200.52.2 IPv6 / Pre IPv | IPv4 | |

| | | | | _ |
|-------|-----------------------------------|-------------------------------|------------------|----------------|
| | | 200.200.52.97 | 255.255.255.224 | |
| PC2.2 | 22.2 NIC 2001:db8:acad:3402::2/64 | | FF004 | |
| | | EU | FE80::1 | |
| S1 | SVI | 200.200.52.61 255.255.255.192 | | 200.200.52.62 |
| S2 | SVI | 200.200.52.93 | 255.255.255.224 | 200.200.52.94 |
| S3 | SVI | 200.200.52.105 | 255.255.255.224 | 200.200.52.106 |
| | | 200.200.52.129 | 255.255.255.252 | - |
| R1 | Fa0/0 | 2001:0db8:aca | ad:34ff::1:1/112 | - |
| | | | _ | - |
| | | 200.200.52.62 | 255.255.255.192 | - |
| R1 | Fa1/0 | 2001:db8:aca | - | |
| | | FE80::1 | | - |
| | | 200.200.52.137 | 255.255.255.252 | - |
| R1 | Fa0/1 | 2001:0DB8:ACA | - | |
| | | | - | |
| R2 | Fa1/0 | 200.200.52.94 | 255.255.255.224 | - |
| | | 2001:db8:acad:3401::94/64 | | - |
| | | FE | | |
| R2 | Fa0/1 | 200.200.52.130 | 255.255.255.252 | - |
| | | 2001:0db8:acad:34ff::1:2/112 | | - |
| | | | | |
| R2 | Fa0/0 | 200.200.52.133 | 255.255.255.252 | - |
| | | 2001:0DB8:ACAD:34FF::2:1/112 | | - |
| | | - | | - |
| R3 | Fa0/0 | 200.200.52.138 | 255.255.255.252 | - |
| | , . | | | |

| | | 2001:0DB8:ACA | - | |
|----------|-------|------------------------------|-----------------|---|
| | | - | | - |
| | | 200.200.52.134 | 255.255.255.252 | - |
| R3 Fa0/1 | | 2001:0DB8:ACAD:34FF::2:2/112 | | - |
| | | - | | - |
| | | 200.200.52.106 | 255.255.255.224 | - |
| R3 | Fa1/0 | 2001:0DB8:ACAD:3402::106/64 | | - |
| | | FE80::1 | | - |

| | KI - I | IP | Rotean | lento | |
|------|---------------------------------------|----------|-----------|----------------------------|-----------------|
| Tipo | Rede de Destino | Más | | Next Hop | Interface Saída |
| S | 200.200.52.96 | 255.255. | | 200.200.52.138 | Fa0/1 |
| S | 200.200.52.64 | 255.255. | 255.224 | 200.200.52.130 | Fa0/0 |
| С | 200.200.52.0 | 255.255. | 255.192 | 0.0.0.0 | Fa1/0 |
| С | 200.200.52.128 | 255.255. | 255.252 | 0.0.0.0 | Fa0/0 |
| С | 200.200.52.136 | 255.255. | 255.252 | 0.0.0.0 | Fa0/1 |
| S | 200.200.52.132 | 255.255. | 255.252 | 200.200.52.130 | Fa0/0 |
| S | 200.200.52.132 | 255.255. | 255.252 | 200.200.52.138 | Fa0/1 |
| S | 200.200.52.96 | 255.255. | 255.224 | 200.200.52.134 | Fa0/0 |
| S | 200.200.52.64 | 255.255. | 255.224 | 200.200.52.133 | Fa0/1 |
| | | ΙΡ\ | 76 | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída |
| S | 2001:0DB8:ACAD:340 | 2::/64 | 2001:00 | DB8:ACAD:34FF::3:2 | Fa0/1 |
| S | 2001:0DB8:ACAD:340 | 1::/64 | 2001:0 | db8:acad:34ff::1:2 | Fa0/0 |
| С | 2001:DB8:ACAD:3400 | 0::/64 | | ::0 | Fa1/0 |
| С | 2001:DB8:ACAD:34FF:: | 1:0/112 | | ::0 | Fa0/0 |
| С | 2001:DB8:ACAD:34FF:: | 3:0/112 | | ::0 | Fa0/1 |
| S | 2001:0DB8:ACAD: 34 FF: | :2:0/112 | 2001:0 | db8:acad:34ff::1:2 | Fa0/0 |
| S | 2001:0DB8:ACAD: 34 FF::2:0/112 | | 2001:0DI | B8:ACAD:34FF::3:2 | Fa0/1 |
| S | 2001:0DB8:ACAD: 34 0 | 2::/64 | 2001:0D | B8:ACAD: 34 FF::2:2 | Fa0/0 |
| S | 2001:0DB8:ACAD: 34 0 | 1::/64 | 2001:0DI | B8:ACAD:34FF::2:1 | Fa0/1 |

R2 – Tabela de Roteamento

| IPv4 | | | | | |
|------|---------------------------------------|-------------------------------|----------|---------------------|-----------------|
| Tipo | Rede de Destino | Más | cara | Next Hop | Interface Saída |
| S | 200.200.52.0 | 255.255 | .255.192 | 200.200.52.129 | Fa0/1 |
| S | 200.200.52.96 | 255.255 | .255.224 | 200.200.52.134 | Fa0/0 |
| С | 200.200.52.64 | 255.255 | .255.224 | 0.0.0.0 | Fa1/0 |
| С | 200.200.52.128 | 255.255 | .255.252 | 0.0.0.0 | Fa0/1 |
| С | 200.200.52.132 | 255.255 | .255.252 | 0.0.0.0 | Fa0/0 |
| S | 200.200. 52 .136 | 255.255 | .255.252 | 200.200.52.129 | Fa0/1 |
| S | 200.200. 52 .136 | 255.255 | .255.252 | 200.200.52.134 | Fa0/0 |
| S | 200.200.52.0 | 255.255.255.192 | | 200.200.52.137 | Fa0/0 |
| S | 200.200.52.96 | 255.255 | .255.224 | 200.200.52.138 | Fa0/1 |
| | | IP | v6 | | |
| Tipo | Rede de Destino / | Prefixo | | Next Hop | Interface Saída |
| S | 2001:0DB8:ACAD:340 | 00::/64 | 2001:0 |)db8:acad:34ff::1:1 | Fa0/1 |
| S | 2001:0DB8:ACAD:340 | 2001:0DB8:ACAD:3402::/64 | | DB8:ACAD:34FF::2:2 | Fa0/0 |
| С | 2001:DB8:ACAD:3401::/ | 2001:DB8:ACAD:3401::/64 [0/0] | | ::0 | Fa1/0 |
| С | 2001:DB8:ACAD:34FF:: | 2001:DB8:ACAD:34FF::1:0/112 | | ::0 | Fa0/1 |
| С | 2001:DB8:ACAD:34FF::2:0/112 | | | ::0 | Fa0/0 |
| S | 2001:0DB8:ACAD: 34 FF::3:0/112 | | 2001:0 | db8:acad:34ff::1:1 | Fa0/1 |
| S | 2001:0DB8:ACAD: 34 FF::3:0/112 | | 2001:0D | B8:ACAD:34FF::2:2 | Fa0/0 |
| S | 2001:0DB8:ACAD:3400::/64 | | 2001:0D | B8:ACAD:34FF::3:1 | Fa0/0 |
| S | 2001:0DB8:ACAD:340 | 02::/64 | 2001:0D | B8:ACAD:34FF::3:2 | Fa0/1 |

TD--4

| R3 - Tabela de Roteamento | | | | | | | |
|---------------------------|-----------------|-----------------|----------------|-----------------|--|--|--|
| | IPv4 | | | | | | |
| Tipo | Rede de Destino | Máscara | Next Hop | Interface Saída | | | |
| S | 200.200.52.0 | 255.255.255.192 | 200.200.52.137 | Fa0/0 | | | |
| S | 200.200.52.64 | 255.255.255.224 | 200.200.52.133 | Fa0/1 | | | |
| С | 200.200.52.96 | 255.255.255.224 | 0.0.0.0 | Fa1/0 | | | |
| С | 200.200.52.132 | 255.255.255.252 | 0.0.0.0 | Fa0/1 | | | |
| С | 200.200.52.136 | 255.255.255.252 | 0.0.0.0 | Fa0/0 | | | |
| S | 200.200.52.128 | 255.255.255.252 | 200.200.52.133 | Fa0/1 | | | |
| S | 200.200.52.128 | 255.255.255.252 | 200.200.52.137 | Fa0/0 | | | |
| S | 200.200.52.0 | 255.255.255.192 | 200.200.52.129 | Fa0/1 | | | |
| S | 200.200.52.64 | 255.255.255.224 | 200.200.52.130 | Fa0/0 | | | |

| | IPv6 | | | | | |
|------|---------------------------------------|--------------------------|-----------------|--|--|--|
| Tipo | Rede de Destino / Prefixo | Next Hop | Interface Saída | | | |
| S | 2001:0DB8:ACAD:3400::/64 | 2001:0DB8:ACAD:34FF::3:1 | Fa0/0 | | | |
| S | 2001:0DB8:ACAD:3401::/64 | 2001:0DB8:ACAD:34FF::2:1 | Fa0/1 | | | |
| С | 2001:DB8:ACAD:3402::/64 | ::0 | Fa1/0 | | | |
| С | 2001:DB8:ACAD:34FF::2:0/112 | ::0 | Fa0/1 | | | |
| С | 2001:DB8:ACAD:34FF::3:0/112 | ::0 | Fa0/0 | | | |
| S | 2001:0DB8:ACAD: 34 FF::1:0/112 | 2001:0DB8:ACAD:34FF::2:1 | Fa0/1 | | | |
| S | 2001:0DB8:ACAD: 34 FF::1:0/112 | 2001:0DB8:ACAD:34FF::3:1 | Fa0/0 | | | |
| S | 2001:0DB8:ACAD: 34 00::/64 | 2001:0db8:acad:34ff::1:1 | Fa0/1 | | | |
| S | 2001:0DB8:ACAD:3401::/64 | 2001:0db8:acad:34ff::1:2 | Fa0/0 | | | |