**Ruteo RIP**

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| **ESPECIFICACIÓN** |
| **Dirección IP de la subred: 220.15.0.0/27** |
| **Máscara de subred: 255.255.255.224** |
| **Cantidad de host utilizables por la subred: 30** |
| **Primera dirección del host: 220.15.0.1** |
| **Última dirección de host: 220.15.0.30** |

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| **ESPECIFICACIÓN** |
| **Dirección IP de la subred: 112.168.15.0/26** |
| **Máscara de subred: 255.255.255.192** |
| **Cantidad de host utilizables por la subred: 62** |
| **Primera dirección del host: 112.168.15.1** |
| **Última dirección de host: 112.168.15.62** |

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| **ESPECIFICACIÓN** |
| **Dirección IP de la subred: 110.15.0.0/23** |
| **Máscara de subred: 255.255.254.0** |
| **Cantidad de host utilizables por la subred: 510** |
| **Primera dirección del host: 110.15.0.1** |
| **Última dirección de host: 110.15.1.10** |

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| **ESPECIFICACIÓN** |
| **Dirección IP de la subred: 119.15.0.0/25** |
| **Máscara de subred: 255.255.255.128** |
| **Cantidad de host utilizables por la subred: 126** |
| **Primera dirección del host: 119.15.0.1** |
| **Última dirección de host: 119.15.0.126** |

Tabla de direccionamiento, la cual debe contener la siguiente información por cada dispositivo conectado en la topología:

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| **Dispositivo** | **Interfaz** | **Dirección IP** | **Máscara de Subred** | **Gateway por defecto** |
| R1 | Se/0/1/0 | 1.2.3.1 | 255.255.255.252 | ––– |
| Se0/1/1 | 4.5.6.1 | 255.255.255.252 | ––– |
| Fa0/0 | 220.15.0.30 | 255.255.255.224 | ––– |
| R2 | Se0/0/0 | 1.4.2.1 | 255.255.255.252 | ––– |
| Se0/1/0 | 4.5.6.2 | 255.255.255.252 | ––– |
| Se0/1/1 | 1.2.4.1 | 255.255.255.252 | ––– |
| Fa0/0 | 112.168.15.62 | 255.255.255.192 | ––– |
| R3 | Se0/0/0 | 1.4.2.2 | 255.255.255.252 | ––– |
| Se0/1/0 | 1.2.3.2 | 255.255.255.252 | ––– |
| Se0/1/1 | 1.3.6.1 | 255.255.255.252 | ––– |
| Fa0/0 | 119.15.0.126 | 255.255.255.128 | ––– |
| R4 | Se0/1/0 | 1.3.6.2 | 255.255.255.252 | ––– |
| Se0/1/1 | 1.2.4.2 | 255.255.255.252 | ––– |
| Fa0/0 | 110.15.1.10 | 255.255.254.0 | ––– |
| PC0 | NIC | 220.15.0.1 | 255.255.255.224 | 220.15.0.30 |
| PC1 | NIC | 220.15.0.2 | 255.255.255.224 | 220.15.0.30 |
| PC2 | NIC | 112.168.15.1 | 255.255.255.192 | 112.168.15.62 |
| PC3 | NIC | 112.168.15.2 | 255.255.255.192 | 112.168.15.62 |
| PC4 | NIC | 119.15.0.1 | 255.255.255.128 | 119.15.0.126 |
| PC5 | NIC | 119.15.0.2 | 255.255.255.128 | 119.15.0.126 |
| PC6 | NIC | 110.15.0.1 | 255.255.254.0 | 110.15.1.10 |
| PC7 | NIC | 110.15.0.2 | 255.255.254.0 | 110.15.1.10 |

Tabla de ruteo para cada uno de los ruteadores, con el siguiente formato:

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| **Origen** | **Máscara** | **Dirección de red** | **Dirección de Próximo Salto** | **Interfaz de salida** |
| R1 | 255.255.255.252 | 1.2.3.0 | ––– | Se0/1/0 |
| 255.255.255.252 | 1.2.4.0 | 4.5.6.2 | Se0/1/1 |
| 255.255.255.252 | 1.3.6.0 | 1.2.3.2 | Se0/1/0 |
| 255.255.255.252 | 1.4.2.0 | 4.5.6.2 | Se0/1/1 |
| 1.2.3.2 | Se0/1/0 |
| 255.255.255.252 | 4.5.6.0 | ––– | Se/0/1/1 |
| 255.255.254.0 | 110.15.0.0 | 4.5.6.2 | Se0/1/1 |
| 1.2.3.2 | Se0/1/0 |
| 255.255.255.192 | 112.168.15.0 | 4.5.6.2 | Se0/1/1 |
| 255.255.255.128 | 119.15.0.0 | 1.2.3.2 | Se0/1/0 |
| 255.255.255.224 | 220.15.0.0 | ––– | Fa0/0 |
| R2 | 255.255.255.252 | 1.2.3.0 | 4.5.6.1 | Se0/1/0 |
| 255.255.255.252 | 1.2.4.0 | ––– | Se0/1/1 |
| 255.255.255.252 | 1.3.6.0 | 1.2.4.2 | Se0/1/1 |
| 255.255.255.252 | 1.4.2.0 | ––– | Se0/0/0 |
| 255.255.255.252 | 4.5.6.0 | ––– | Se0/1/0 |
| 255.255.254.0 | 110.15.0.0 | 1.2.4.2 | Se0/1/1 |
| 255.255.255.192 | 112.168.15.0 | ––– | Fa0/0 |
| 255.255.255.128 | 119.15.0.0 | 1.4.2.2 | Se0/0/0 |
| 255.255.255.224 | 220.15.0.0 | 4.5.6.1 | Se0/1/0 |
| R3 | 255.255.255.252 | 1.2.3.0 | ––– | Se0/1/0 |
| 255.255.255.252 | 1.2.4.0 | 1.3.6.2 | Se0/1/1 |
| 255.255.255.252 | 1.3.6.0 | ––– | Se0/1/1 |
| 255.255.255.252 | 1.4.2.0 | ––– | Se0/0/0 |
| 255.255.255.252 | 4.5.6.0 | 1.2.3.1 | Se0/1/0 |
| 255.255.254.0 | 110.15.0.0 | 1.3.6.2 | Se0/1/1 |
| 255.255.255.192 | 112.168.15.0 | 1.4.2.1 | Se0/0/0 |
| 255.255.255.128 | 119.15.0.0 | ––– | Fa0/0 |
| 255.255.255.224 | 220.15.0.0 | 1.2.3.1 | Se0/1/0 |
| R4 | 255.255.255.252 | 1.2.3.0 | 1.3.6.1 | Se0/1/0 |
| 255.255.255.252 | 1.2.4.0 | ––– | Se0/1/1 |
| 255.255.255.252 | 1.3.6.0 | ––– | Se0/1/0 |
| 255.255.255.252 | 1.4.2.0 | 1.2.4.1 | Se0/1/1 |
| 255.255.255.252 | 1.3.6.1 | Se0/1/0 |
| 255.255.255.252 | 4.5.6.0 | 1.2.4.1 | Se0/1/1 |
| 255.255.254.0 | 110.15.0.0 | ––– | Fa0/0 |
| 255.255.255.192 | 112.168.15.0 | 1.2.4.1 | Se0/1/1 |
| 255.255.255.128 | 119.15.0.0 | 1.3.6.1 | Se0/1/0 |
| 255.255.255.224 | 220.15.0.0 | 1.2.4.1 | Se0/1/1 |
| 255.255.255.224 | 1.3.6.1 | Se0/1/0 |







