INTERNET

192.168.255.2

192.168.252.11

192.168.252.3

192.168.252.2

192.168.253.11

192.168.253.3

192.168.253.2

192.168.250.11

192.168.250.3

192.168.250.2

192.168.251.21

192.168.251.3

192.168.251.2

6

4

3

5

2

1

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| **Router 1** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.255.0 | 255.255.255.0 | Directo | 192.168.255.1 |
| 192.168.254.0 | 255.255.255.0 | 192.168.255.254 | 192.168.255.1 |
| 192.168.253.0 | 255.255.255.0 | 192.168.255.253 | 192.168.255.1 |
| 192.168.252.0 | 255.255.255.0 | 192.168.255.252 | 192.168.255.1 |
| 192.168.251.0 | 255.255.255.0 | 192.168.255.254 | 192.168.255.1 |
| 192.168.250.0 | 255.255.255.0 | 192.168.255.254 | 192.168.255.1 |
| 0.0.0.0 | - | 192.168.255.1 | 11.12.13.1 |

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| **Router 2** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.255.0 | 255.255.255.0 | Directo | 192.168.255.254 |
| 192.168.253.0 | 255.255.255.0 | 192.168.255.253 | 192.168.255.254 |
| 192.168.252.0 | 255.255.255.0 | 192.168.255.252 | 192.168.255.254 |
| 192.168.251.0 | 255.255.255.0 | 192.168.254.254 | 192.168.254.1 |
| 192.168.250.0 | 255.255.255.0 | 192.168.254.253 | 192.168.254.1 |
| 0.0.0.0 | - | 192.168.255.1 | 192.168.255.254 |
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| **Router 3** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.255.0 | 255.255.255.0 | Directo | 192.168.255.253 |
| 192.168.254.0 | 255.255.255.0 | 192.168.255.254 | 192.168.255.253 |
| 192.168.252.0 | 255.255.255.0 | 192.168.255.252 | 192.168.255.253 |
| 192.168.251.0 | 255.255.255.0 | 192.168.254.254 | 192.168.255.253 |
| 192.168.250.0 | 255.255.255.0 | 192.168.254.253 | 192.168.255.253 |
| 0.0.0.0 | - | 192.168.255.1 | 192.168.255.253 |
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| **Router 4** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.255.0 | 255.255.255.0 | Directo | 192.168.255.252 |
| 192.168.254.0 | 255.255.255.0 | 192.168.255.254 | 192.168.255.252 |
| 192.168.253.0 | 255.255.255.0 | 192.168.255.253 | 192.168.255.252 |
| 192.168.251.0 | 255.255.255.0 | 192.168.254.254 | 192.168.255.252 |
| 192.168.250.0 | 255.255.255.0 | 192.168.254.253 | 192.168.255.252 |
| 0.0.0.0 | - | 192.168.255.1 | 192.168.255.252 |
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| **Router 5** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.250.0 | 255.255.255.0 | 192.168.254.253 | 192.168.254.254 |
|  |  |  |  |
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|  |  |  |  |
| 0.0.0.0 | - | 192.168.254.1 | 192.168.254.254 |

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| --- | --- | --- | --- |
| **Router 6** | | | |
| **Destino** | **Mascara** | **Puerto enlace** | **Interfaz** |
| 192.168.251.1 | 255.255.255.0 | 192.168.254.254 | 192.168.254.253 |
|  |  |  |  |
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|  |  |  |  |
| 0.0.0.0 | - | 192.168.254.1 | 192.168.254.253 |

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| --- | --- | --- | --- |
| LAN | | WAN | |
| Router 1 | 192.168.255.1 | Router 1 | 11.12.13.1 |
| Router 2 | 192.168.254.1 | Router 2 | 192.168.255.254 |
| Router 3 | 192.168.253.1 | Router 3 | 192.168.255.253 |
| Router 4 | 192.168.252.1 | Router 4 | 192.168.255.252 |
| Router 5 | 192.168.251.1 | Router 5 | 192.168.254.254 |
| Router 6 | 192.168.250.1 | Router 6 | 192.168.254.253 |

Pc1:

Dirección IP - 192.168.251.2

Mascara de subred - 255.255.255.0

Puerta de enlace predeterminada - 192.168.251.1

Servidor DNS preferido - 192.168.255.1

Pc22:

Dirección IP - 192.168.250.3

Mascara de subred - 255.255.255.0

Puerta de enlace predeterminada - 192.168.250.1

Servidor DNS preferido - 192.168.255.1

Pc32:

Dirección IP - 192.168.253.3

Mascara de subred - 255.255.255.0

Puerta de enlace predeterminada - 192.168.253.1

Servidor DNS preferido - 192.168.255.1

Pc43:

Dirección IP - 192.168.252.4

Mascara de subred - 255.255.255.0

Puerta de enlace predeterminada - 192.168.252.1

Servidor DNS preferido – 192.168.255.1