Annex I

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**Fulfil the following tables (ALL the data must be fulfilled in decimal dot notation):**

1. **Bilbao** venue, network definition:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Venue** | **Network address** | **Network mask** | **Broadcast address** | **IP range for hosts** |
| **Bilbao** | 172.24.0.0 | 255.248.0.0 | 172.31.255.255 | 172.24.0.1-172.31.255.254 |

1. **Bilbao** venue, device network configuration assignment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Device** | **Network adapter** | **IP address** | **Network mask** | **Default gateway** | **DNS server** |
| **R-BI** | FastEthernet1/0 | 172.31.255.254 | 255.248.0.0 |  |  |
| **BI-0017** | FastEthernet0 | 172.24.0.17 | 255.248.0.0 | 172.31.255.254 | 1.1.1.1 |
| **BI-4536** | -- | 172.24.17.184 | 255.248.0.0 | 172.31.255.254 | 1.1.1.1 |

1. **Donostia/San Sebastián** venues, **IPv4** network definitions:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Venue** | **Network address** | **Network mask** | **Broadcast address** | **IP range for hosts** |
| **Amara** | 10.20.32.0 | 255.255.252.0 | 10.20.35.255 | 10.20.32.1 – 10.20.35.254 |
| **Antiguo** | 10.20.36.0 | 255.255.252.0 | 10.20.39.255 | 10.20.36.1 – 10.20.39.254 |
| **Gros** | 10.20.40.0 | 255.255.252.0 | 10.20.43.255 | 10.20.40.1 – 10.20.43.254 |
| **Ibaeta** | 10.20.44.0 | 255.255.252.0 | 10.20.47.255 | 10.20.44.1 – 10.20.47.254 |

1. **Donostia/San Sebastián** venue, **IPv4** device network configuration assignment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Device** | **Network adapter** | **IP address** | **Network mask** | **Default gateway** | **DNS server** |
| **R-SS** | (Amara) FastEthernet0/1 | 10.20.32.1 | 255.255.252.0 |  |  |
| (Antiguo)  FastEthernet1/0 | 10.20.36.2 | 255.255.252.0 |  |  |
| (Gros)  FastEthernet0/0 | 10.20.40.3 | 255.255.252.0 |  |  |
| (Ibaeta)  FastEthernet0/2/0 | 10.20.44.4 | 255.255.252.0 |  |  |
| **Amara-009** | FastEthernet0 | 10.20.32.9 | 255.255.252.0 | 10.20.32.1 | 8.8.8.8 |
| **Antiguo-005** | FastEthernet0 | 10.20.36.5 | 255.255.252.0 | 10.20.36.2 | 8.8.8.8 |
| **Gros-032** | FastEthernet0 | 10.20.40.32 | 255.255.252.0 | 10.20.40.3 | 8.8.8.8 |
| **Ibaeta-564** | FastEthernet0 | 10.20.46.52 | 255.255.252.0 | 10.20.44.4 | 8.8.8.8 |

1. **Donostia/San Sebastián** venues, **IPv6** network definitions:

|  |  |  |
| --- | --- | --- |
| **Venue** | **Network address** | **Prefix** |
| **Amara** | 2048:CACA:1FE4:: | /50 |
| **Antiguo** | 2048:CACA:1FE4:4000:: | /50 |
| **Gros** | 2048:CACA:1FE4:8000:: | /50 |
| **Ibaeta** | 2048:CACA:1FE4:C000:: | /50 |

1. **Donostia/San Sebastián** venue, **IPv6** device network configuration assignment:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device** | **Network adapter** | **IP address** | **Prefix** | **Default gateway** |
| **R-SS** | FastEthernet0/1  (Amara) | 2048:CACA:1FE4::1 | /50 |  |
| (Antiguo)  FastEthernet1/0 | 2048:CACA:1FE4:4000::2 | /50 |  |
| (Gros)  FastEthernet0/0 | 2048:CACA:1FE4:8000::3 | /50 |  |
| (Ibaeta)  FastEthernet0/2/0 | 2048:CACA:1FE4:C000::4 | /50 |  |
| **Amara-009** | FastEthernet0 | 2048:CACA:1FE4::9 | /50 | 2048:CACA:1FE4::1 |
| **Antiguo-005** | FastEthernet0 | 2048:CACA:1FE4:4000::5 | /50 | 2048:CACA:1FE4:4000::2 |
| **Gros-032** | FastEthernet0 | 2048:CACA:1FE4:8000::20 | /50 | 2048:CACA:1FE4:8000::3 |
| **Ibaeta-564** | FastEthernet0 | 2048:CACA:1FE4:C000::234 | /50 | 2048:CACA:1FE4:C000::4 |

1. **Vitoria-Gasteiz** venues, network definitions:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Venue** | **Network address** | **Network mask** | **Broadcast address** | **IP range for hosts** |
| **Ariznabarra** | 192.168.128.0 | 255.255.255.128 | 192.168.128.127 | 192.168.128.1 –  192.168.128.126 |
| **Zaramaga** | 192.168.128.128 | 255.255.255.192 | 192.168.128.191 | 192.168.128.129 –  192.168.128.190 |
| **Aranbizkarra** | 192.168.128.192 | 255.255.255.224 | 192.168.128.223 | 192.168.128.193 –  192.168.128.122 |
| **Lakua** | 192.168.128.224 | 255.255.255.240 | 192.168.128.239 | 192.168.128.225  -  192.168.128.238 |
| **Zabalgana** | 192.168.128.240 | 255.255.255.248 | 192.168.128.247 | 192.168.128.241  -  192.168.128.246 |
| **Salburua** | 192.168.128.248 | 255.255.255.248 | 192.168.128.255 | 192.168.128.249  -  192.168.128.254 |

1. **Vitoria-Gasteiz** venue, device network configuration assignment:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Device** | **Network adapter** | **IP address** | **Network mask** | **Default gateway** | **DNS server** |
| **R-VG** | **Aranbizkarra**  **(Ethernet 0/1/0)** | 192.168.128.221 | 255.255.255.224 |  |  |
| **Ariznabarra**  **(FastEthernet 1/0)** | 192.168.128.126 | 255.255.255.128 |  |  |
| **Lakua**  **(FastEthernet 1/1)** | 192.168.128.232 | 255.255.255.240 |  |  |
| **Salburua**  **(Ethernet 0/2/0)** | 192.168.128.249 | 255.255.255.248 |  |  |
| **Zabalgana**  **(FastEthernet 0/1)** | 192.168.128.243 | 255.255.255.248 |  |  |
| **Zaramaga**  **(Ethernet 0/3/0)** | 192.168.128.134 | 255.255.255.192 |  |  |
| **Aranbizkarra-19** | FastEthernet0 | 19.168.128.211 | 255.255.255.224 | 192.168.128.221 | 64.6.64.6 |
| **Ariznabarra-15** | FastEthernet0 | 192.168.128.15 | 255.255.255.128 | 192.168.128.126 | 64.6.64.6 |
| **Lakua-07** | FastEthernet0 | 192.168.128.231 | 255.255.255.240 | 192.168.128.232 | 64.6.64.6 |
| **Salburua-04** | FastEthernet0 | 192.168.128.252 | 255.255.255.248 | 192.168.128.249 | 64.6.64.6 |
| **Zabalgana-06** | FastEthernet0 | 192.168.128.246 | 255.255.255.248 | 192.168.128.243 | 64.6.64.6 |
| **Zaramaga-22** | FastEthernet0 | 192.168.128.150 | 255.255.255.192 | 192.168.128.134 | 64.6.64.6 |

**MARK**

|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  | **Mark** |
| **Annex I** | Errors: | \* 0,1 = |  |
| **.pka** | Completed: % | % \* 7 = |  |
|  |  | **TOTAL** |  |