**ID = 10855826X = 2 ; Y = 6**

**Network: 26. 2 . 6.0 / 24**

Sales

|  |  |
| --- | --- |
| **Specification** | **Value** |
| Number of bits in the subnet | 2 |
| New IP mask (decimal) | 255.255.255.192 |
| Number of usable subnets | 4 |
| No. of usable hosts per subnet | 62 |
| Network address | 26.2.6.0/26 |
| First IP Host address | 26.2.6.1 |
| Last IP Host address | 26.2.6.62 |
| Broadcast ID | 26.2.6.63 |

Guest wifi

|  |  |
| --- | --- |
| **Specification** | **Value** |
| Number of bits in the subnet | 2 |
| New IP mask (decimal) | 255.255.255.192 |
| Number of usable subnets | 4 |
| No. of usable hosts per subnet | 62 |
| Network address | 26.2.6.64/26 |
| First IP Host address | 26.2.6.65 |
| Last IP Host address | 26.2.6.126 |
| Broadcast ID | 26.2.6.127 |

Employee wifi

|  |  |
| --- | --- |
| **Specification** | **Value** |
| Number of bits in the subnet | 2 |
| New IP mask (decimal) | 255.255.255.192 |
| Number of usable subnets | 4 |
| No. of usable hosts per subnet | 62 |
| Network address | 26.2.6.128/26 |
| First IP Host address | 26.2.6.129 |
| Last IP Host address | 26.2.6.190 |
| Broadcast ID | 26.2.6.191 |

Admin

|  |  |
| --- | --- |
| **Specification** | **Value** |
| Number of bits in the subnet | 3 |
| New IP mask (decimal) | 255.255.255.224 |
| Number of usable subnets | 8 |
| No. of usable hosts per subnet | 30 |
| Network address | 26.2.6.192 /27 |
| First IP Host address | 26.2.6.193 |
| Last IP Host address | 26.2.6.222 |
| Broadcast ID | 26.2.6.223 |

Servers

|  |  |
| --- | --- |
| **Specification** | **Value** |
| Number of bits in the subnet | 3 |
| New IP mask (decimal) | 255.255.255.224 |
| Number of usable subnets | 8 |
| No. of usable hosts per subnet | 30 |
| Network address | 26.2.6.224/27 |
| First IP Host address | 26.2.6.225 |
| Last IP Host address | 26.2.6.254 |
| Broadcast ID | 26.2.6.255 |