**Exercício 9 – Endereços IP**

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Responda a cada uma das questões que se seguem:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **IP** | **Valido** | **Classe** | **Máscara** | **Endereço da Rede** | **Endereço de Broadcast** |
| 120.255.255.256 | Não | A | 255.0.0.0 | 120.0.0.0 | 120.255.255.255 |
| 110.10.17.120 | Sim | A | 255.0.0.0 | 110.0.0.0 | 110.255.255.255 |
| 100.0.0.0 | Nao | A | 255.0.0.0 | 100.0.0.0 | 100.255.255.255 |
| 130.254.254.255 | Sim | B | 255.255.0.0 | 130.254.0.0 | 130.254.255.255 |
| 140.0.0.255 | Sim | B | 255.255.0.0 | 140.0.0.0 | 140.0.255.255 |
| 180.0.10.255 | Sim | B | 255.255.0.0 | 180.0.0.0 | 180.0.255.255 |
| 10.0.0.233 | Sim | A | 255.0.0.0 | 10.0.0.0 | 10.255.255.255 |
| 10.0.0.100 | Sim | A | 255.0.0.0 | 10.0.0.0 | 10.255.255.255 |
| 1.0.1.100 | Sim | A | 255.0.0.0 | 1.0.0.0 | 1.255.255.255 |
| 140.10.19.10 | Sim | B | 255.255.0.0 | 140.10.0.0 | 140.10.255.255 |
| 160.10.17.12 | Sim | B | 255.255.0.0 | 160.10.0.0 | 160.10.255.255 |
| 120.10.254.255 | Sim | A | 255.0.0.0 | 120.0.0.0 | 120.255.255.255 |
| 136.10.0.0 | Nao | B | 255.255.0.0 | 136.10.0.0 | 136.10.255.255 |
| 195.10.9.0 | Nao | C | 255.255.255.0 | 195.10.9.0 | 195.10.9.255 |
| 166.10.0.12 | Sim | B | 255.255.0.0 | 166.10.0.0 | 166.10.255.255 |
| 145.10.254.255 | Sim | B | 255.255.0.0 | 145.10.0.0 | 145.10.255.255 |
| 196.0.255.265 | Não | C | 255.255.255.0 | 196.0.255.0 | 196.0.255.255 |
| 121.0.255.254 | Sim | A | 255.0.0.0 | 121.0.0.0 | 121.255.255.255 |
| 133.10.19.10 | Sim | B | 255.255.0.0 | 133.10.0.0 | 133.10.255.255 |
| 211.100.17.12 | Sim | C | 255.255.255.0 | 211.100.17.0 | 211.100.17.255 |
| 197.30.9.19 | Sim | C | 255.255.255.0 | 197.30.9.0 | 197.30.9.255 |
| 250.10.9.12 | Nao | C | 255.255.255.0 |  |  |
| 28.190.9.0 | sim | A | 255.0.0.0 | 28.0.0.0 | 28.255.255.255 |
| 223.10.9.14 | Sim | C | 255.255.255.0 | 223.10.9.0 | 223.10.9.255 |
| 223.10.9.12 | Sim | C | 255.255.255.0 | 223.10.9.0 | 223.10.9.255 |
| 223.10.9.16 | Sim | C | 255.255.255.0 | 223.10.9.0 | 223.10.9.255 |
| 223.10.9.0 | Nao | C | 255.255.255.0 | 223.10.9.0 | 223.10.9.255 |
| 223.255.255.254 | Sim | C | 255.255.255.0 | 223.255.255.0 | 223.255.255.255 |