**Avaliação de fundamentos de redes – Prof. Paulo Sant’anna **

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| Endereço IP | **Classe da rede** | **Válido?**  **Sim / Não** | **Endereço de rede** | **Primeiro IP valido** | **Último IP valido** | **Endereço de broadcast** | **Máscara de rede padrão** | **Prefixo da máscara** | **Qual a rede anterior** | **Qual a próxima rede** | **Público ou privado** | **Rede, Host ou Broadcast** |
| A) 1.2.255.255 | A | Não | 1.2.0.0 | 1.2.0.1 | 1.2.255.254 | 1.2.255.255 | 255.0.0.0 | /8 | 1.1.0.0 | 1.3.0.0 | Público | Broadcast |
| B) 197.200.3.0 | D | Sim | 197.200.0.0 | 197.200.0.1 | 197.200.255.254 | 197.200.255.255 | 255.255.255.0 | /24 | 197.199.0.0 | 197.201.0.0 | Público | Host |
| C) 128.16.0.0 | B | Não | 128.16.0.0 | 128.16.0.1 | 128.16.255.254 | 128.16.255.255 | 255.255.0.0 | /16 | 128.15.0.0 | 128.17.0.0 | Público | Rede |
| D) 193.13.13.202 | C | Sim | 193.13.0.0 | 193.13.0.1 | 193.13.255.254 | 193.13.255.255 | 255.255.255.0 | /16 | 193.12.0.0 | 193.14.0.0 | Público | Host |
| E) 200.200.200.255 | C | Sim | 200.200.0.0 | 200.200.0.1 | 200.200.255.254 | 200.200.255.255 | 255.255.255.0 | /16 | 200.199.0.0 | 200.201.0.0 | Público | Host |
| F) 165.14.254.200 | B | Sim | 165.14.0.0 | 165.14.0.1 | 165.14.255.254 | 165.14.255.255 | 255.255.0.0 | /8 | 165.13.0.0 | 165.15.0.0 | Público | Host |
| G)165.14.255.255 | B | Não | 165.14.0.0 | 165.14.0.1 | 165.14.255.254 | 165.14.255.255 | 255.255.0.0 | /8 | 192.167.0.0 | 165.15.0.0 | Público | Broadcast |
| H) 192.168.168.168 | C | Sim | 192.168.0.0 | 192.168.0.1 | 192.168.255.254 | 192.168.255.255 | 255.255.255.0 | /16 | 192.167.0.0 | 192.169.0.0 | Privado | Host |
| I) 192.192.0.0 | C | Não | 192.192.0.0 | 192.192.0.1 | 192.192.255.254 | 192.192.255.255 | 255.255.255.0 | /16 | 192.191.0.0 | 192.193.0.0 | Privado | Rede |
| J) 100.207.127.1 | A | Sim | 100.207.0.0 | 100.207.0.1 | 100.207.255.254 | 100.207.255.255 | 255.0.0.0 | /8 | 100.206.00 | 100.208.0.0 | Público | Host |
| 128.20.30.47 | B | Sim | 128.20.0.0 | 128.20.0.1 | 128.20.255.254 | 128.20.255.255 | 255.255.0.0 | /16 | 128.19.0.0 | 128.21.0.0 | Publico | Host |