Lab 7.1.4.9 Identifying IPv4 Addresses

* 1. Analyze the table shown below and identify the address as public or private.

|  |  |
| --- | --- |
| IP Address/Prefix | Public or Private |
| 209.165.201.30/27 |  |
| 192.168.255.253/24 |  |
| 10.100.11.103/16 |  |
| 172.30.1.100/28 |  |
| 192.31.7.11/24 |  |
| 172.20.18.150/22 |  |
| 128.107.10.1/16 |  |
| 192.135.250.10/24 |  |
| 64.104.0.11/16 |  |

* 1. Analyze the table shown below and identify whether the address/prefix pair is a valid host address.

|  |  |  |
| --- | --- | --- |
| IP Address/Prefix | Valid Host Address? | Reason |
| 127.1.0.10/24 |  |  |
| 172.16.255.0/16 |  |  |
| 241.19.10.100/24 |  |  |
| 192.168.0.254/24 |  |  |
| 192.31.7.255/24 |  |  |
| 64.102.255.255/14 |  |  |
| 224.0.0.5/16 |  |  |
| 10.0.255.255/8 |  |  |
| 198.133.219.8/24 |  |  |