**30-min Quiz-1 [30 คะแนน]**

1. ป้อนไอพี IPv4 **(32 bit)** เครือข่าย **158.109.32.0/22 ในตาราง (5 คะแนน)**

|  |  |
| --- | --- |
| First IP addr | 158.109.32.0 |
| Last IP addr | 158.109.35.255 |
| Broadcast IP | 158.109.35.255 |
| Full netmask | 64 |
| Maximum host | 1022 |

2. ใช้ไอพี **IPv4** หมายเลข **158.109.32.0/22** ออกแบบเครือข่ายต่อไปนี้



Network prefix: **158.109.32.0/22**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Net. Name** | **Number host** | **Network IP** | **First IP** | **Last IP** | **Broadcast IP** |
| Net-A | 33 | 158.109.32.33 | 158.109.32.33 | 158.109.35.255 | 158.109.35.255 |
| Net-B | 46 | 158.109.32.46 | 158.109.32.46 | 158.109.35.255 | 158.109.35.255 |
| Net-C | 10 | 158.109.32.10 | 158.109.32.10 | 158.109.35.255 | 158.109.35.255 |
| Net-E | 4 | 158.109.32.4 | 158.109.32.4 | 158.109.35.255 | 158.109.35.255 |
| Net-D | 255 | 158.109.32.255 | 158.109.32.255 | 158.109.35.255 | 158.109.35.255 |