# Project 1 - Simple Office Networking project

Design a network to connect ACCOUNTS and DELIVERY departments through the following:

1. **Each department** should contain at least **2 PCs.**
2. Appropriate number of switches and routers should be used in the network.
3. Using the given network address **192.168.40.0**, all interfaces should be configured with appropriate IP address, subnet mask and gateways.
4. Test the connectivity between ACCOUNTS and DELIVERY department (mean 2 subnets).

## Subnetting

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Department** | **Network** | **Mask** | **Host Range** | **Broadcast** |
| Accounts | 192.168.40.0 | 255.255.255.128 /25 | 40.1 – 40.126 | 192.168.40.127 |
| Delivery | 192.168.40.128 | 255.255.255.128 /25 | 40.129 – 40.254 | 192.168.40.255 |

* Devices in Accounts’ department: 3 -> at least 4 devices each subnet
* Devices in Delivery’s department: 3 -> at least 4 devices each subnet