P11

Subnet 1: 223.1.17.128/26

Subnet 2: 223.1.17.0/25

Subnet 3: 223.1.17.192/28

P20

It is impossible to design this technology. In order to establish a direct TCP connection between Arnold and Bernard, Arnold or Bernard must establish a connection with another. However, NAT covering Arnold and Bernard will discard SYN from WAN. Therefore, if they are both behind a NAT, Arnold and Bernard cannot establish a TCP connection with another.