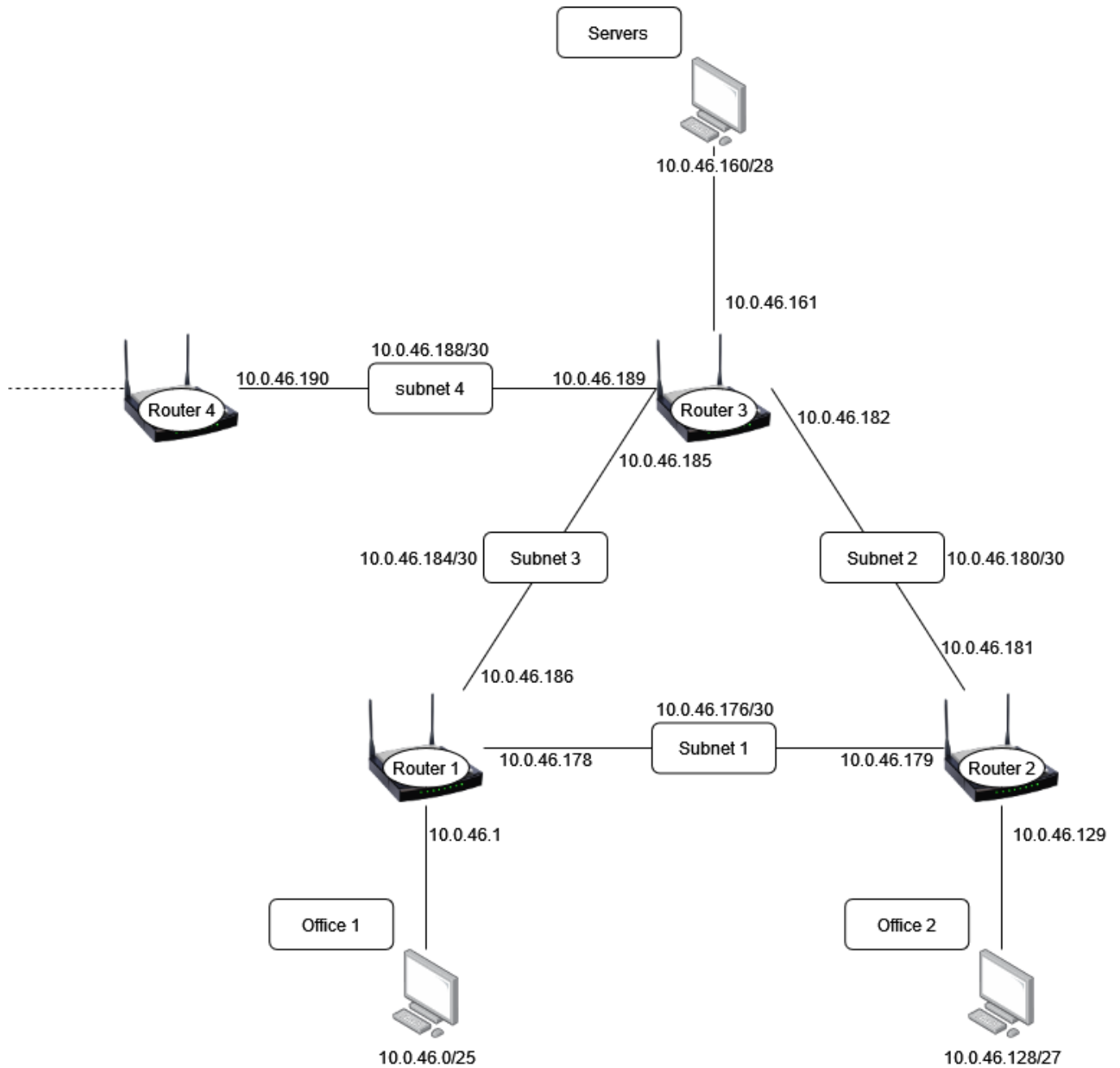


Name: Álvaro Morata Hontanaya

NIA: 100405846

1. Network topology



2. Routing tables

- Router 1

Destination subnet	IP direction
Office 1 (10.0.46.0/25)	10.0.46.1
Office 2 (10.0.46.128/27)	10.0.46.185
Office 2 (10.0.46.128/27)	10.0.46.179
Servers (10.0.46.160/28)	10.0.46.179
Servers (10.0.46.160/28)	10.0.46.185
Subnet 1 (10.0.46.176/30)	10.0.46.178
Subnet 1 (10.0.46.176/30)	10.0.46.185
Subnet 2 (10.0.46.180/30)	10.0.46.179
Subnet 2 (10.0.46.180/30)	10.0.46.185
Subnet 3 (10.0.46.184/30)	10.0.46.186
Subnet 3 (10.0.46.184/30)	10.0.46.179
Subnet 4 (10.0.46.188/30)	10.0.46.185
Subnet 4 (10.0.46.188/30)	10.0.46.179

- Router 2

Destination subnet	IP direction
Office 1 (10.0.46.0/25)	10.0.46.178
Office 1 (10.0.46.0/25)	10.0.46.182
Office 2 (10.0.46.128/27)	10.0.46.129
Servers (10.0.46.160/28)	10.0.46.178
Servers (10.0.46.160/28)	10.0.46.182
Subnet 1 (10.0.46.176/30)	10.0.46.179
Subnet 1 (10.0.46.176/30)	10.0.46.182
Subnet 2 (10.0.46.180/30)	10.0.46.178
Subnet 2 (10.0.46.180/30)	10.0.46.181
Subnet 3 (10.0.46.184/30)	10.0.46.178
Subnet 3 (10.0.46.184/30)	10.0.46.182
Subnet 4 (10.0.46.188/30)	10.0.46.178
Subnet 4 (10.0.46.188/30)	10.0.46.182

- Router 3

Destination subnet	IP direction
Office 1 (10.0.46.0/25)	10.0.46.181
Office 1 (10.0.46.0/25)	10.0.46.186
Office 2 (10.0.46.128/27)	10.0.46.181
Office 2 (10.0.46.128/27)	10.0.46.186
Servers (10.0.46.160/28)	10.0.46.161
Subnet 1 (10.0.46.176/30)	10.0.46.181
Subnet 1 (10.0.46.176/30)	10.0.46.186
Subnet 2 (10.0.46.180/30)	10.0.46.182
Subnet 2 (10.0.46.180/30)	10.0.46.186
Subnet 3 (10.0.46.184/30)	10.0.46.181
Subnet 3 (10.0.46.184/30)	10.0.46.185
Subnet 4 (10.0.46.188/30)	10.0.46.189