192.168.0.0

255.255.255.0

192.168.1.0

LAN 1: 150 Hosts

LAN 2: 100 Hosts

Gi 0/1

Gi 0/1

Router 1

Router 2

192.168.2.32

SW

Gi 0/1

Gi 0/1

LAN 4: 20 Hosts

LAN 3: 60 Hosts

Router 3

Router 4

192.168.2.0

192.168.1.128

Figura 2: Topología de red empresa retail.

LAN	IP Req.	ID subnet	Mask	Prefijo	Rango disponible	Broadcast
LAN1	165	192.168.0.0	.0	/24	.0.1 - .0.254	.0.255
LAN2	110	192.168.1.0	.128	/25	.1.1 - .1.126	.0.127
LAN3	66	192.168.1.128	.128	/25	.1.129 - .1.254	.1.255
LAN4	22	192.168.2.0	.224	/27	.2.1 - .2.30	.2.31
LAN5	4	192.168.2.32	.248	/29	.2.33 - .2.38	.2.39