Fundamentos de Redes: Projeto

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Endereçamento IP:

VLAN/Sub rede	IPv4 público/ IPv4 privado/ IPv6
Data Center	200.155.168.0/28 10.158.1.1/24 2100:0:0:7900:0100/120
VLAN 2 Video Conference	200.155.168.16/28 10.158.2.2/24 2100:0:0:7900:0200/120
VLAN 3 Administration	200.155.168.32/28 10.158.3.3/24 2100:0:0:7900:0300/120
NAT/PAT translation (Router 1)	200.155.168.56/29 10.158.4.4/24 2100:0:0:7900:0400/120
VLAN 4 Engineering	200.155.168.48/29 10.158.5.5/24 2100:0:0:7900:0500/120
VLAN 5 Marketing	- 10.158.6.6/24 2100:0:0:7900:0600/120
DMZ	200.155.168.64/26 10.158.7.7/24 2100:0:0:7900:0700/120
Old Building	- 192.168.2.0/23 -

Ligações ponto a ponto:

Device 1	Device 2	IPv4/IPv6
SW L3 C1	SW L3 C2	10.158.9.0/30 2100:0:0:7900:0008/126
SW L3 C1	Router 1	10.158.9.4/30

		2100:0:0:790:000C/126
SW L3 C1	Router A	10.158.9.8/30 -
SW L3 C2	Router 1	10.158.9.12/30 2100:0:0:7900:0010/126
SW L3 C2	Router A	10.158.9.16/30 -
Router 1	ISP	10.158.9.20/30 2100:0:0:7900:0018/126

Interfaces:

Equipamento	Interface/ Item	IPv4 público/ IPv4 privado/ IPv6
SW L3 C1	DMZ	200.155.168.65/26 10.158.7.8/24 2100:0:0:7900:0601/120
	Administration	200.155.168.33/28 10.158.3.4/24 2100:0:0:7900:0301/120
	Video Conference	200.155.168.17/28 10.158.2.3/24 2100:0:0:7900:0201/120
	Marketing	- 10.158.6.7/24 2100:0:0:7900:0601/120
	Engineering	200.155.168.49/29 10.158.5.6/24 2100:0:0:7900:0501/120
	Data Center	200.155.168.1/28 10.158.1.2/24 2100:0:0:7900:0101/120
	NAT/PAT (Router 1)	200.155.168.57/29 10.158.4.5/24 2100:0:0:7900:0401/120
	Router A	- 192.168.2.1/23 -

		F0/0 SW L3 F1	Trunk
		F1/0 SW L3 F2	Trunk
SW L3 C2		Administration	200.155.168.34/28 10.158.3.5/24 2100:0:0:7900:0302/120
		Video Conference	200.155.168.18/28 10.158.2.4/24 2100:0:0:7900:0202/120
		Marketing	- 10.158.6.8/24 2100:0:0:7900:0602/120
		Engineering	200.155.168.50/29 10.158.5.7/24 2100:0:0:7900:0502/120
		NAT/PAT (Router 1)	200.155.168.58/29 10.158.4.6/24 2100:0:0:7900:0402/120
		Router A	- 192.168.2.2/23 -
		F0/0 SW L3 F1	Trunk
		F1/0 SW L3 F2	Trunk