Tecnológico de Monterrey

Interconexión de dispositivos

Tabla IPs

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Dirección IP: 172.20.24.0 /21

Diseño lógico de la red (diseño VLSM IPv4)

https://docs.google.com/spreadsheets/d/1Ece95r_-7sxTcReIVsHEpTHeejUiHhCArC-8wz2KTG0/edit?usp=sharing

Segmento	Num. hosts	Prefijo de red	Máscara	Bloque asignado	Primera dirección válida	Última dirección válida
Competidores1	39	/26	255.255.255.192	172.20.24.0	172.20.24.1	172.20.24.62
Competidores2	39	/26	255.255.255.192	172.20.24.64	172.20.24.65	172.20.24.126
Competidores3	39	/26	255.255.255.192	172.20.24.128	172.20.24.129	172.20.24.190
Competidores4	39	/26	255.255.255.192	172.20.24.192	172.20.24.193	172.20.24.254
Competidores5	39	/26	255.255.255.192	172.20.25.0	172.20.25.1	172.20.25.62
Competidores6	39	/26	255.255.255.192	172.20.25.64	172.20.25.65	172.20.25.126
Administración	39	/26	255.255.255.192	172.20.25.128	172.20.25.129	172.20.25.190
Prensa	26	/27	255.255.255.224	172.20.25.192	172.20.25.193	172.20.25.222
Entrenadores	16	/27	255.255.255.224	172.20.25.224	172.20.25.225	172.20.25.254
Jueces	13	/28	255.255.255.240	172.20.26.0	172.20.26.1	172.20.26.14
R1	2	/30	255.255.255.252	172.20.26.16	172.20.26.17	172.20.26.18

Device	interface	IP Address	Subnet Mask	Default Gateway
Borde	g0/1	172.16.255.254	255.255.255.252	N/A
Router 1	g0/2	172.16.255.253	255.255.255.252	172.16.255.254
	g0/0.209	172.20.26.1	255.255.255.240	N/A
	g0/0.161	172.20.25.193	255.255.255.224	
	g0/0.99	172.20.25.129	255.255.255.192	
	g0/0.193	172.20.25.225	255.255.255.224	
	g0/0.10	172.20.24.1	255.255.255.192	
	g0/0.65	172.20.24.65	255.255.255.192	
	g0/0.3	172.20.24.129	255.255.255.192	
	g0/0.4	172.20.24.193	255.255.255.192	
	g0/0.5	172.20.25.1	255.255.255.192	
	g0/0.6	172.20.25.65	255.255.255.192	
Switch0	VLAN99	172.20.25.130	255.255.255.192	172.20.25.129
Switch1	VLAN99	172.20.25.131	255.255.255.192	172.20.25.129
Switch2	VLAN99	172.20.25.132	255.255.255.192	172.20.25.129
Switch3	VLAN99	172.20.25.133	255.255.255.192	172.20.25.129
Switch4	VLAN99	172.20.25.134	255.255.255.192	172.20.25.129
Switch5	VLAN99	172.20.25.135	255.255.255.192	172.20.25.129
Switch6	VLAN99	172.20.25.136	255.255.255.192	172.20.25.129
Switch7	VLAN99	172.20.25.137	255.255.255.192	172.20.25.129
Switch9	VLAN99	172.20.25.138	255.255.255.192	172.20.25.129
Laptop3	NIC	172.20.25.139	255.255.255.192	172.20.25.129
Laptop4	NIC	172.20.25.140	255.255.255.192	172.20.25.129
PC4	NIC	172.20.26.4	255.255.255.240	172.20.26.1
Laptop2	NIC	172.20.25.194	255.255.255.224	172.20.25.193

Laptop5	NIC	172.20.25.226	255.255.255.224	172.20.25.225
AccessPoint	WAP	172.20.25.227	255.255.255.224	172.20.25.225
Laptop0	NIC	172.20.24.2	255.255.255.19	172.20.24.1
PC3	NIC	172.20.24.66	255.255.255.192	172.20.24.65
Laptop1	NIC	172.20.24.130	255.255.255.192	172.20.24.129
PC1	NIC	172.20.24.194	255.255.255.192	172.20.24.193
PC6	NIC	172.20.25.2	255.255.255.192	172.20.25.1
PC0	NIC	172.20.25.66	255.255.255.192	172.20.25.65

Contraseña para TODO:
4yud4P0f4v0