

Resultados

Congratulations Alejandro Osornio! You completed the activity.

Overall Feedback [Assessment Items](#) Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
E1-22	✓	3	Default Gateway	
Ports				
FastEthernet0	✓	3	PC Address	
IP Address	✓	3	PC Address	
Subnet Mask	✓	3		
E2-47	✓	3	Default Gateway	
Ports				
FastEthernet0	✓	3	PC Address	
IP Address	✓	3	PC Address	
Subnet Mask	✓	3		
East				
Ports				
GigabitEthernet0/0	✓	3	VLSM Addressin...	
IP Address	✓	1	Device Interface ...	
Port Status	✓	3	VLSM Addressin...	
Subnet Mask	✓	3		
GigabitEthernet0/1	✓	3	VLSM Addressin...	
IP Address	✓	1	Device Interface ...	
Port Status	✓	3	VLSM Addressin...	
Subnet Mask	✓	3		
Serial0/0/0	✓	3	VLSM Addressin...	
IP Address	✓	1	Device Interface ...	
Port Status	✓	3	VLSM Addressin...	
Subnet Mask	✓	3		
ES-1	✓	3	Default Gateway	
Ports				
Vlan1	✓	3	VLSM Addressin...	
IP Address	✓	1	Device Interface ...	
Port Status	✓	3	VLSM Addressin...	
Subnet Mask	✓	3		
ES-2	✓	3	Default Gateway	

Component	Items/Total	Score
Default Gateway	6/6	18/18
Default Gateway Configuration	2/2	6/6
Device Interface Configuration	9/9	9/9
PC Address	6/6	18/18
VLSM Addressing Implementation	20/20	60/60

Score : 111/111
Item Count : 43/43

Preguntas

Dispositivo	Interfaz	Dirección IP	Máscara de subred	Puerta de enlace predeterminada
East	G0/0	192.168.203.129	255.255.255.240	N/A
	G0/1	192.168.203.97	255.255.255.224	N/A
	S0/0/0	192.168.203.145	255.255.255.252	N/A
West	G0/0	192.168.203.65	255.255.255.224	N/A
	G0/1	192.168.203.1	255.255.255.192	N/A
	S0/0/0	192.168.203.146	255.255.255.252	N/A
ES-1	VLAN 1	192.168.203.130	255.255.255.240	192.168.203.129
ES-2	VLAN 1	192.168.203.98	255.255.255.224	192.168.203.97
WS-1	VLAN 1	192.168.203.66	255.255.255.224	192.168.203.65
WS-2	VLAN 1	192.168.203.2	255.255.255.192	192.168.203.1
E1-22	NIC	192.168.203.142	255.255.255.240	192.168.203.129
E2-47	NIC	192.168.203.126	255.255.255.224	192.168.203.97
W1-201	NIC	192.168.203.94	255.255.255.224	192.168.203.65
W2-87	NIC	192.168.203.62	255.255.255.192	192.168.203.1

1. Identificamos las subredes que necesitamos y sus requerimientos

LAN	Número de direcciones requeridas
ES-2	21
ES-1	14
WS-2	32
WS-1	19

2. Obtenemos la tabla de direcciones

Descripción de la subred	Cantidad de hosts necesarios	Dirección de red/ CIDR	Primera dirección de host utilizable	Dirección de difusión
WS-2	32	192.168.203.0/26	192.168.203.1	192.168.203.63
WS-1	19	192.168.203.64/27	192.168.203.65	192.168.203.95
ES-2	21	192.168.203.96/27	192.168.203.97	192.168.203.127
ES-1	14	192.168.203.128/28	192.168.203.129	192.168.203.143
Enlace	2	192.168.203.144/30	192.168.203.145	192.168.203.147