



Republic of the Philippines
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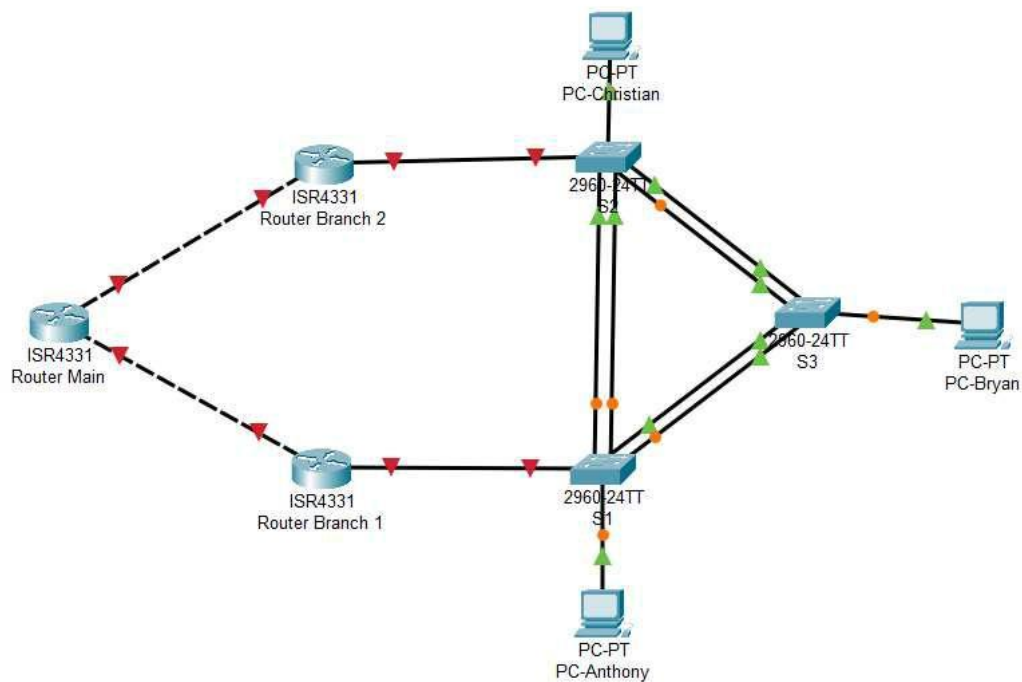
Examination

Name: Manzo, Ritzmond

Date: 01/04/24

Subject: CCNA313

Course, Year, & Section: BSIT – 3C



Addressing Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
Router Branch 1	G0/0/1	192.168.1.1	255.255.255.0	N/A
	G0/0/0	172.16.1.1	255.255.255.252	N/A
Router Main	G0/0/0	172.16.1.2	255.255.255.252	N/A
	G0/0/1	192.168.1.2	255.255.255.0	N/A
Router Branch 2	G0/0/1	192.168.2.1	255.255.255.0	N/A
	G0/0/0	172.16.2.1	255.255.255.252	N/A
S1	VLAN 1	192.168.1.10	255.255.255.0	192.168.1.1
S2	VLAN 1	192.168.1.11	255.255.255.0	192.168.1.1
S3	VLAN 1	192.168.1.12	255.255.255.0	192.168.1.1
PC-Anthony	NIC	192.168.1.20	255.255.255.0	192.168.1.1
PC-Bryan	NIC	192.168.1.21	255.255.255.0	192.168.1.1
PC-Christian	NIC	192.168.1.22	255.255.255.0	192.168.1.1

1. Set-up initialize device. 5 points
2. Configure basic Settings. 30 points

Step 1: Configure R1.

Configuration tasks for R1 include the following:

Configuration Item or Task	Specification
Router name	Router Branch 1
Encrypted privileged EXEC password	class

Step 2: Configure R2.

Configuration tasks for R2 include the following:

Configuration Item or Task	Specification
Router name	Router Main
Encrypted privileged EXEC password	class

Step 3: Configure R3.

Configuration tasks for R3 include the following:

Configuration Item or Task	Specification
Router name	Router Branch 2
Encrypted privileged EXEC password	class

Step 4: Configure S1.

Configuration tasks for S1 include the following:

Configuration Item or Task	Specification
Switch name	S1
Encrypted privileged EXEC password	class
Force trunking on Interfaces connected to S2 and S3.	Use VLAN 1 as the native VLAN.
Assign the default-gateway.	Refer to the Addressing Table.

Step 5: Configure S2.

Configuration tasks for S1 include the following:

Configuration Item or Task	Specification
Switch name	S2
Encrypted privileged EXEC password	class
Force trunking on Interfaces connected to S1 and S3.	Use VLAN 1 as the native VLAN.
Assign the default-gateway.	Refer to the Addressing Table.

Step 6: Configure S3.

Configuration tasks for S1 include the following:

Configuration Item or Task	Specification
Switch name	S3
Encrypted privileged EXEC password	class
Force trunking on Interfaces connected to S1 and S2.	Use VLAN 1 as the native VLAN.
Assign the default-gateway.	Refer to the Addressing Table.

3. Configure Lan redundancy and link aggregation. 20 points
4. Configure EIGRP for IPv4 Dynamic Routing Protocol. 30 points
5. Verify Network Connectivity. 20 points

6. Demonstration and Question and Answer. 50 points.
- a. Note: Failed to answer during #6 all points will be void from 1-5.
 - b. Set-up IP address and Default Vlan IP address you are the one who will configure.
 - c. Bring your own laptop in presenting your output.
 - d. Good luck guys.
 - e. Presentation will start at 9:00am – 12:00nn.
 - f. I will not accept any more presentation after 12NN.
 - g. So be on time.
 - h. 8:00-9:00AM is a plus points for early presentation.