

Rubric: Victoria Forrest

If you do not score a 10 or higher for your project based on the rubric below you will have the opportunity to make changes to your project and resubmit it.

	0 Points - Missing	1 Point - Does Not Meet Expectations	2 Points - Meets Expectations	3 Points - Exceeds Expectations	Points Awarded
Network Topology	No network diagram or structure provided.	Incomplete or poorly designed network topology, missing key components or connections.	Clear network topology with all required components (switch, PCs) correctly connected.	Exceptionally well-designed network topology, with advanced features like labels and organized structure.	2
IP Configuration	No IP addressing or subnets assigned.	IP addressing is incorrect or incomplete; subnets do not facilitate communication properly.	Correct IP addressing and subnetting for each VLAN, enabling proper internal communication.	Excellent IP configuration, including subnetting for scalability and future expansion considerations.	3

VLAN Implementation	No VLANs configured on the switch.	VLANs configured incorrectly or not assigned properly to switch ports or PCs.	VLANs configured correctly for each department, assigned to the correct switch ports and PCs.	VLANs implemented efficiently, with thoughtful use of best practices (e.g., trunk ports, scalability).	3
Testing and Validation	No testing or validation of the VLANs.	VLAN testing performed, but some connectivity issues remain (e.g., incorrect isolation).	Successful VLAN testing, with pings between devices confirming proper segmentation and isolation.	Extensive testing, including extra validation (e.g., inter-VLAN routing) with well-documented results.	3
Documentation	No documentation or report provided.	The report is incomplete, missing network justification or configuration details.	Clear and complete report, including network diagram, configuration details, and justification.	Highly detailed report with thorough explanation of design choices, security improvements, and efficiency.	2

				Score	13
--	--	--	--	-------	----