

**Superior University**

**Task 2**

**Course:**

Computer Network Lab

**Teacher:**

Sir Rasikh

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**Prepared by:**

Hiba 295(Roll No)

**Section:**

BSSE-5B

**DEPARTMENT OF SOFTWARE ENGINEERING**

**SUPERIOR UNIVERSITY GOLD CAMPUS, LAHORE**

**Task 1: Why are we using the Cisco 2911 Router?**

* Reason: The Cisco 2911 is a medium-sized router with sufficient processing power, security features (VPN, firewall), and scalability for branch offices or medium-sized networks. It strikes a balance between performance and cost.

**Task 2: Why are we using the Cisco 2950T or 2960 Switch?**

* The Cisco 2950T and Cisco 2960 are Layer 2 switches with basic switching features, ideal for small to medium LANs. They offer Fast Ethernet/Gigabit Ethernet, VLAN support, and cost-effective performance for basic network connectivity without requiring advanced features like Layer 3 switching.