

# **DESIGNING & BUDGETING A SIMPLE NETWORK**

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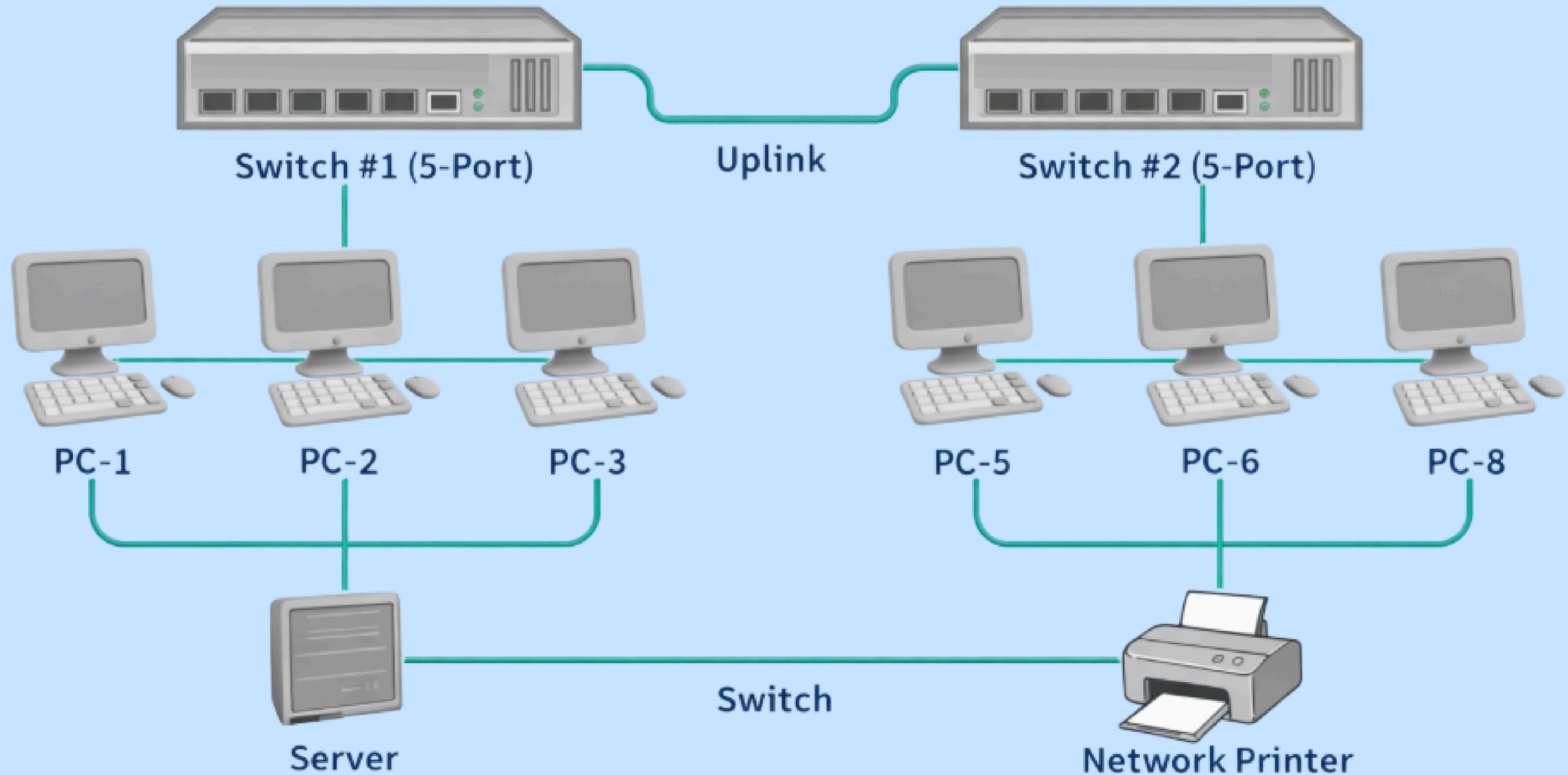
CYSE 495

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# ABOUT THE PROJECT

This assignment focuses on designing a basic wired Ethernet network for a small business environment consisting of eight desktop computers, a server, and a printer. The two interconnected 5-port switches used, provide sufficient connectivity and ensure reliable, high-speed data transfer. All components are linked using pre-connectorized 15-foot Ethernet patch cables.

# NETWORK DESIGN



# BUDGET



Material	Link	Unit Price	Amount Needed	Price
<b>NETGEAR 5-Port Gigabit Ethernet Unmanaged Switch</b>	<a href="https://www.amazon.com/NETGEAR-ProSafe-Gigabit-Ethernet-Desktop/dp/B0000BVYT3">https://www.amazon.com/NETGEAR-ProSafe-Gigabit-Ethernet-Desktop/dp/B0000BVYT3</a>	\$ 29.99	2	\$ 59.98
<b>Ethernet Patch Cable</b>	<a href="https://www.amazon.com/dp/B00EUHRLF6/ref=psdc_9938477011_t1_B00004Z5H3">https://www.amazon.com/dp/B00EUHRLF6/ref=psdc_9938477011_t1_B00004Z5H3</a>	\$ 4.99	10	\$ 49.90
<b>Total Price</b>				\$ 109.88