

# NU CIS-313 Telecommunications and Computer Networks

## Final Project, Network Diagram for the Scenario #2 Student: Biljana Spasic












### Content:

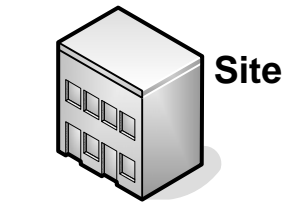
- Legend
- LAN only diagram for each of the three sites
- WAN only diagram
- Integrated LAN/WAN diagram

Date: November 28<sup>th</sup>, 2009

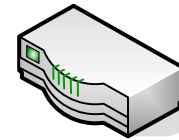
# Network Diagram for the Scenario #2, Legend

Student: Biljana Spasic

Legend	
Scenario 2	
Symbol	Description
	Printer
	Server
	Leased Line
	User (Desktop or Laptop)
	Site
	Firewall
	Internet / ISP
	Switch
	Router
	DSU/CSU
	VPN
—	(black) Basic LAN Configuration
—	Extended configuration for redundancy
----	Expected expansion
----	Extended configuration for redundancy of expected expansion
□	Expected expansion



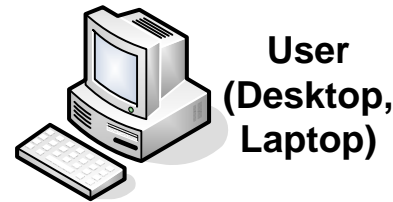
Site



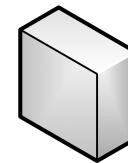
Router



Internet



User (Desktop, Laptop)



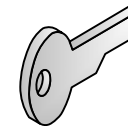
DSU/CSU



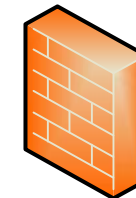
ISP



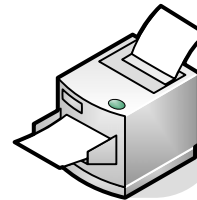
Server



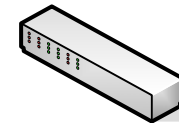
VPN



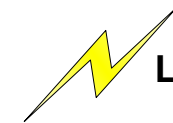
Firewall






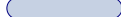
Printer



Switch



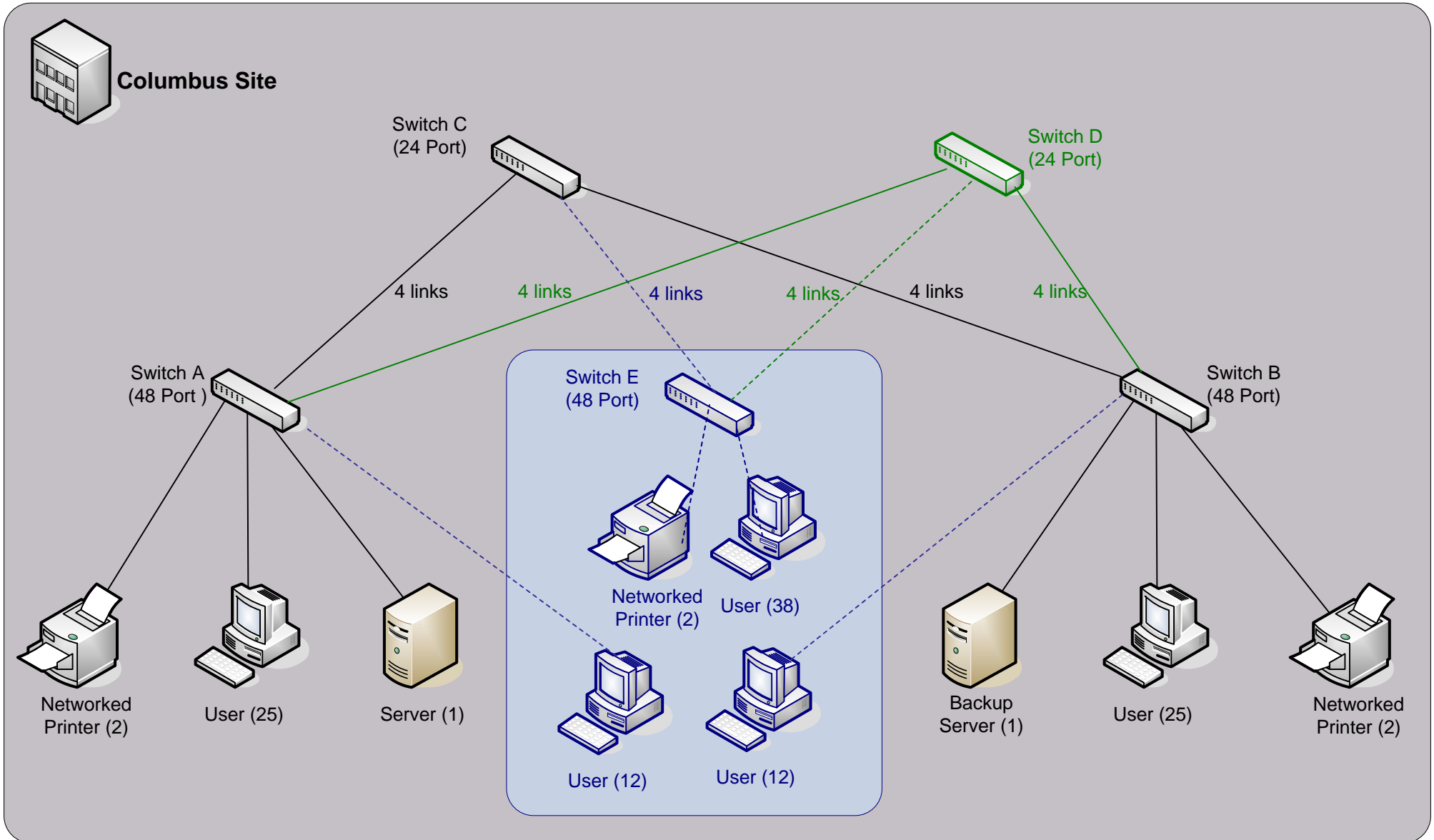
Leased Line

-  Basic LAN configuration
-  Extended configuration for redundancy
-  Expected expansion
-  Extended configuration for redundancy of expected expansion

# LAN Diagram for the Scenario #2, Columbus Site

Student: Biljana Spasic

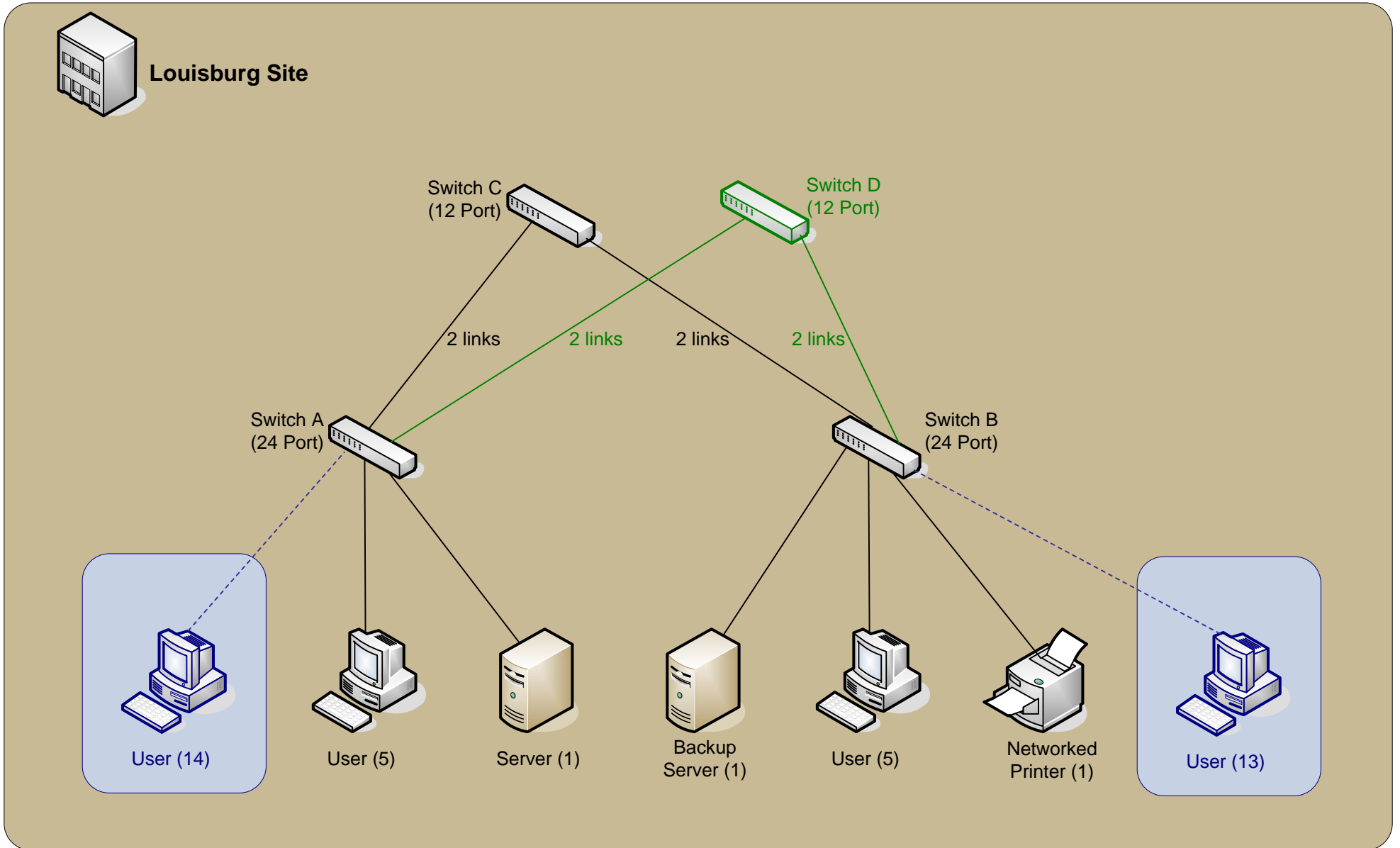
- Basic LAN configuration
- Extended configuration for redundancy
- - - Expected expansion
- Expected expansion
- - - Extended configuration for redundancy of expected expansion



# LAN Diagram for the Scenario #2, Louisburg Site

Student: Biljana Spasic

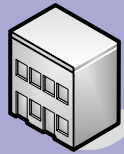
- Basic LAN configuration
- Extended configuration for redundancy
- - - Expected expansion
- Extended configuration for redundancy of expected expansion



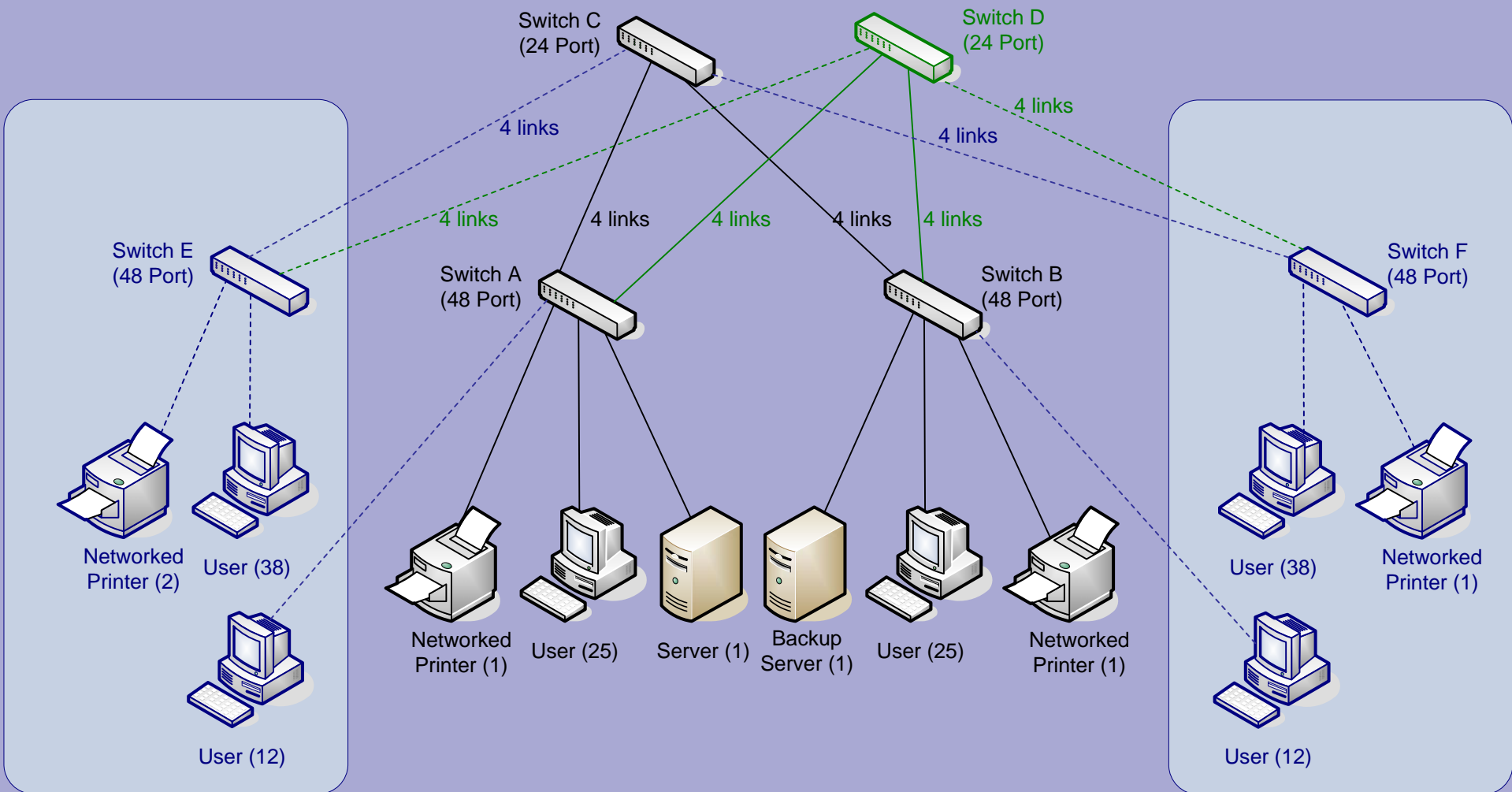
# LAN Diagram for the Scenario #2, New York Site

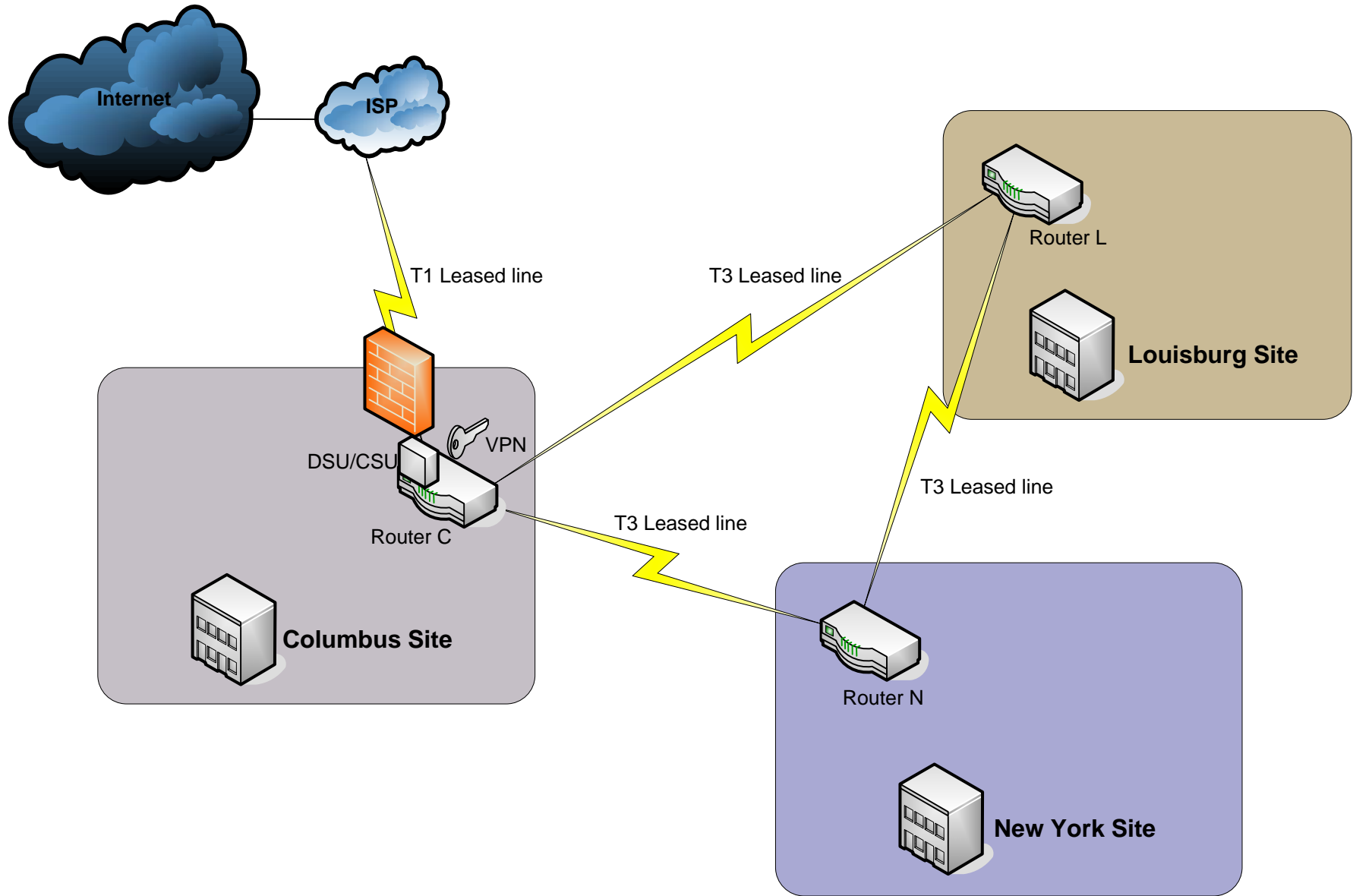
Student: Biljana Spasic

- Basic LAN configuration
- Extended configuration for redundancy
- - - Expected expansion
- Expected expansion
- - - Extended configuration for redundancy of expected expansion








## New York Site





# Integrated LAN and WAN Diagram for the Scenario #2

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-  Basic LAN configuration
-  Extended configuration for redundancy
-  Expected expansion
-  Expected expansion
-  Extended configuration for redundancy of expected expansion

