

24ft x 40ft = 960 sq ft

Hand on Assignments 10% of grade -> pass (mean graded)

- Means to get you thinking ahead
- Diagrams can look wine or nicer
- Discuss on Blackboard
 - o First post by Thursday
 - About what you do with what you draw on
 - Reply by Sunday
 - Submit on Blackboard by Monday
- Including 8 desktop PC users, one server, and one printer fit into a 24' x 40' room
- Must use 5 port switches



- Use any length of these pre-connectorized patch cables to connect hosts and switches together
 - o Enough cable to plug into a desktop, a printer, and server (there are 5 cables in a packs)

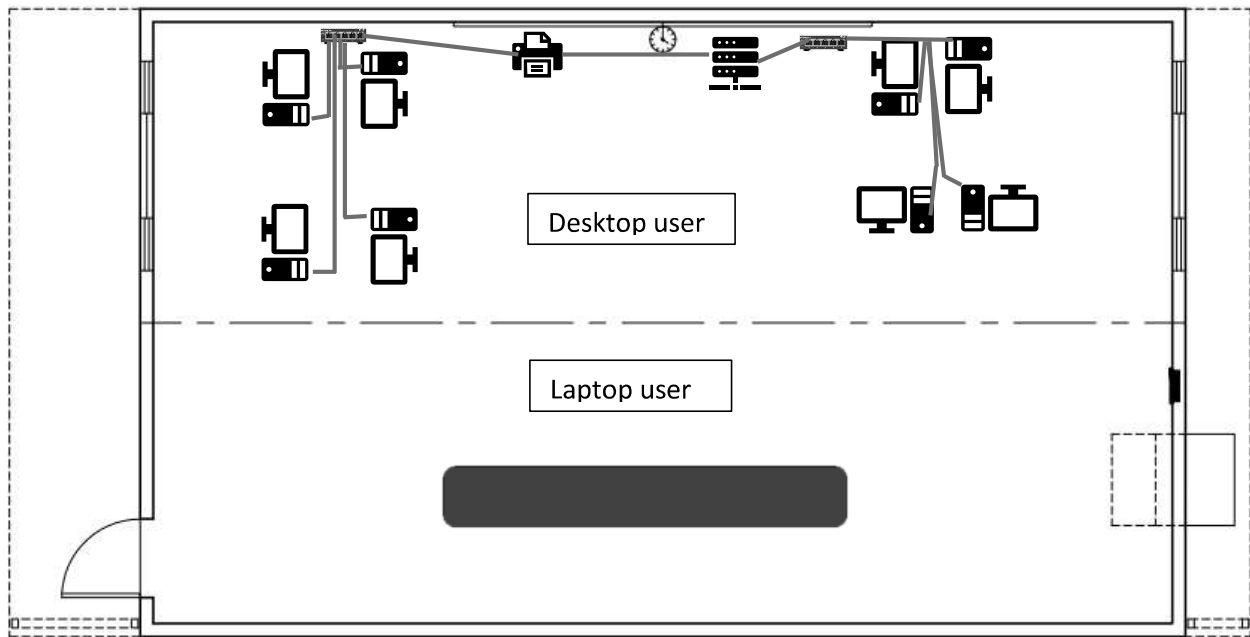


Initial Post:

In the 24 x 40 ft. room, there will be enough space for eight desktop PC users, one server, and one printer. The room will be divided into two areas, one for desktop users and one for laptop users. On the side closest to the entryway, there will be a boat-shaped conference table and chairs. Eight desktop PCs, the server, and the printer, on the other hand, will be placed on the side, with a clock hanging on the wall. To connect the server and printer to the eight desktop PCs, I'll purchase two 5-port switches and two sets of cables (5 cables in each pack).

I'll set up four long tables in the desktop user area, two of which will be near each side window, with two desktop PCs on each table. The printer and server will be near the clock in the center. Each 5-port switch will be installed next to each of the four desktop PCs.

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Network of Temporary Office

- Material budget: (not included the tax)
 - o Eight desktop PC users (one for \$569 at Dell): Vostro 3681 Small Desktop \$4552 or used the old desktop PC and replace if needed.
 - o 4 long tables (5 ft x 3 ft arrange \$350 each) \$1400 + 8 chairs \$799.92
 - o 1 sever (cost between \$1000 to \$2500) so at least \$1750
 - o 1 printer \$300
 - o 2 of 5-Port switches \$71 from Amazon
 - o 2 Cable Matters 5-pack snaggles Cat 6 Ethernet Cable 10ft \$35.98 from Amazon
 - o A boat shape conference table w/slab (71 inches long) \$280.95 + 8 chairs \$799.92
 - Total: if buy all 8 new desktop PCs
\$4552 + \$1400 + \$799.92 + \$1750 + \$300 + \$71 + \$35.98 + \$280.95 + \$799.92 = \$9989.77
 - Totals: for 2 5-port switches, 2 packs of cables, and four long tables, chairs, and conference table
\$71 + \$35.98 + \$1400 + \$799.92 + \$280.95 + \$799.92 = \$3395.77
- (if continueing using the 8 desktops, the printer, and the server of the old network office)