# Network Topologies

There are several network topologies. These are the four I want you to know about.

Bus, Ring, Star, Tree

**Assignment:**

Using Google, research the four topologies and find the following information for each. You will create a PowerPoint that will include the following information.

1. Define/Describe each topology
2. List three advantages of each
3. List three disadvantages of each
4. Create a PowerPoint (Using Drawing Tools and clip art or images from Google) to show a diagram of each topology.

**Include the following:**

Title slide with title of project and Your name and Date

Two slides for each topology…one giving the name and definition and three advantages and three disadvantages. The second slide will show a diagram of how the topology is organized (use drawing tools or add graphics to represent the computer components within the topology).

The last slide of the presentation…Include the topology that you would recommend for a business to use…consider the advantages and disadvantages…ALSO, WHY YOU CHOSE THAT TOPOLOGY….Don’t just say… “Because I like it”….Think about your answer and make a rational explanation.

See Example of a PowerPoint on my web page.

Rubric on following page:

# Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Network Topology Project Rubric

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | | **Comments** | **Grade** |
| Title Slide | |  | /5 |
| Name & Date on Title Slide | |  | /4 |
| Topology #1 (2 Slides) | |  | ---- |
| Topology Named and Defined/Described |  | /5 |
| Three (3) Advantages |  | /3 |
| Three (3) Disadvantages |  | /3 |
| Diagram using Drawing Tools or Smart Art |  | /5 |
| Diagram Correct |  | /5 |
| Topology #2 (2 Slides) | |  | ---- |
| Topology Named and Defined/Described |  | /5 |
| Three (3) Advantages |  | /3 |
| Three (3) Disadvantages |  | /3 |
| Diagram using Drawing Tools or Smart Art |  | /5 |
| Diagram Correct |  | /5 |
| Topology #3 (2 Slides) | |  | ---- |
| Topology Named and Defined/Described |  | /5 |
| Three (3) Advantages |  | /3 |
| Three (3) Disadvantages |  | /3 |
| Diagram using Drawing Tools or Smart Art |  | /5 |
| Diagram Correct |  | /5 |
| Topology #4 (2 Slides) | |  | ---- |
| Topology Named and Defined/Described |  | /5 |
| Three (3) Advantages |  | /3 |
| Three (3) Disadvantages |  | /3 |
| Diagram using Drawing Tools or Smart Art |  | /5 |
| Diagram Correct |  | /5 |
| Rational on which Topology to select | |  | /7 |
|  | |  | /100 |