Why I chose this diagram and what is included in it.

I chose it because there's so many good things in the star topology which is: -

1- Centralized control and management: The central hub or switch in a star topology provides centralized control and management of the network. This makes it easier to monitor network traffic, troubleshoot issues, and implement security measures. Administrators can easily manage and configure the network from a single point, simplifying network administration tasks.

2- Fault isolation: One of the key advantages of the star topology is its fault isolation capability. If a device or connection fails in the network, it only affects the connectivity of that specific device. Other devices remain unaffected, allowing for easier identification and resolution of issues. This isolation minimizes network downtime and improves reliability.

3- Scalability: The star topology is highly scalable, which means new devices can be added to the network without disrupting the existing connections. Each device connects directly to the central hub, so expanding the network involves simply connecting new devices to the hub. This flexibility allows for easy network expansion and adaptation to changing needs.

_The things it's Included in it: -

1- Router
2- Computer
3- Printer
4- Switch.