

S/N	Description	Binary Description/Representation	Decimal Description
3	Network Address	11010001.00101100.00100001.01000000	209.44.33.64
	FirstIPv4 Address	11010001.00101100.00100001.01000001	209.44.33.65
	LastIPv4 Address	11010001.00101100.00100001.01011110	209.44.33.94
	Broadcast Address	11010001.00101100.00100001.01100000	209.44.33.95
4	Network Address	11010001.00101100.00100001.01100000	209.44.33.96
	First IPv4 Address	11010001.00101100.00100001.01100001	209.44.33.97
	LastIPv4 Address	11010001.00101100.00100001.01111110	209.44.33.126
	Broadcast Address	11010001.00101100.00100001.01111111	209.44.33.127
5	Network Address	11010001.00101100.00100001.10000000	209.44.33.128
	First IPv4 Address	11010001.00101100.00100001.10000001	209.44.33.129
	LastIPv4 Address	11010001.00101100.00100001.10011110	209.44.33.158
	Broadcast Address	11010001.00101100.00100001.10011111	209.44.33.159
6	Network Address	11010001.00101100.00100001.10100000	209.44.33.160
	FirstIPv4 Address	11010001.00101100.00100001.10100001	209.44.33.161
	LastIPv4 Address	11010001.00101100.00100001.10111110	209.44.33.190
	Broadcast Address	11010001.00101100.00100001.10111111	209.44.33.191

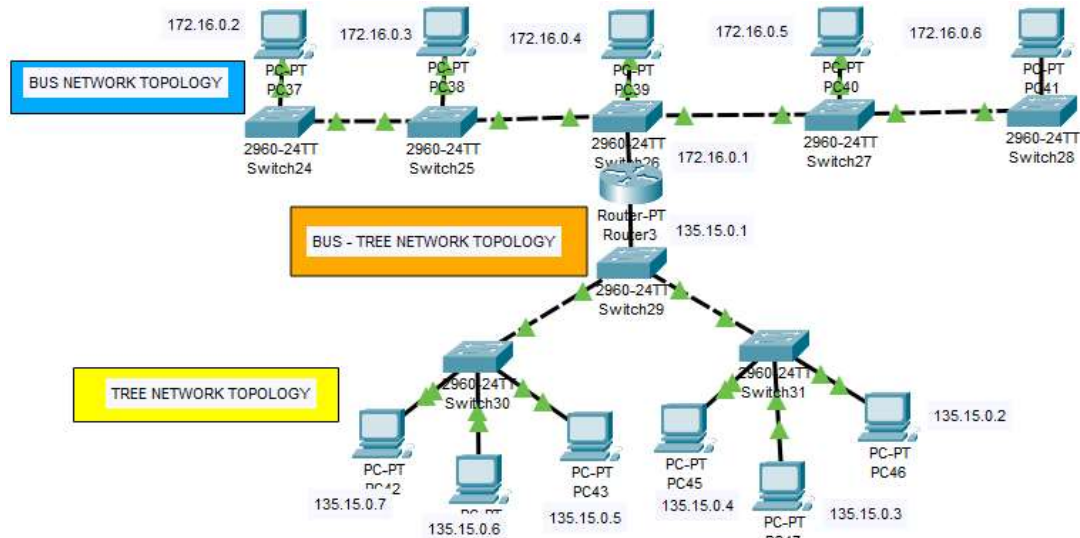


Figure 4 Combination of Bus and Tree Network Topology

Networks that require a centralized structure with the ability to expand and accommodate additional nodes. Environments where fault tolerance and efficient data transfer are important, such as critical systems or high-demand applications. Figure 5 depict the combination of star and tree network topologies is commonly known as a hybrid network. It incorporates the features and functions of both network topologies to provide a flexible and scalable solution for various applications.

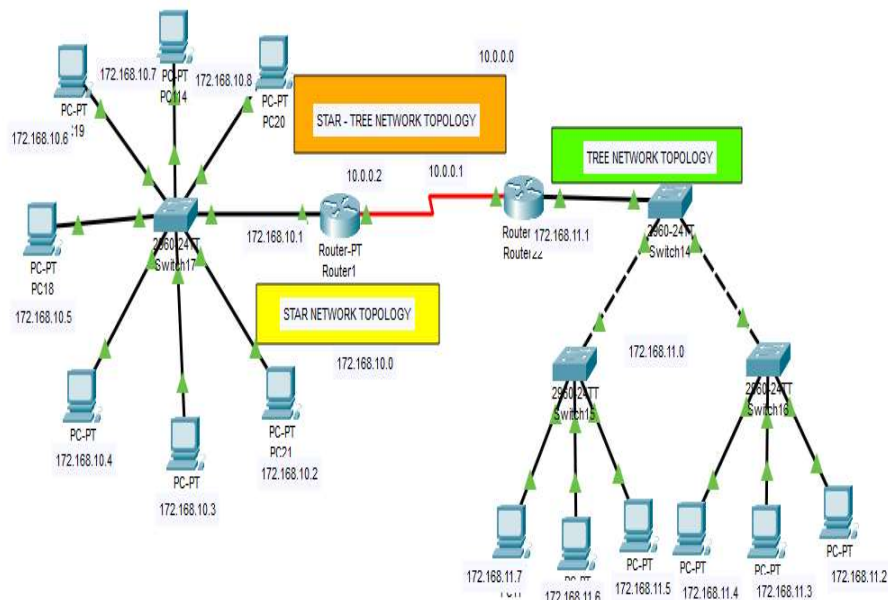
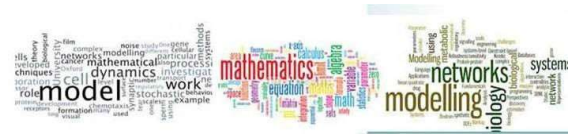


Figure 5 Combination of Star and Tree Network Topologies



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