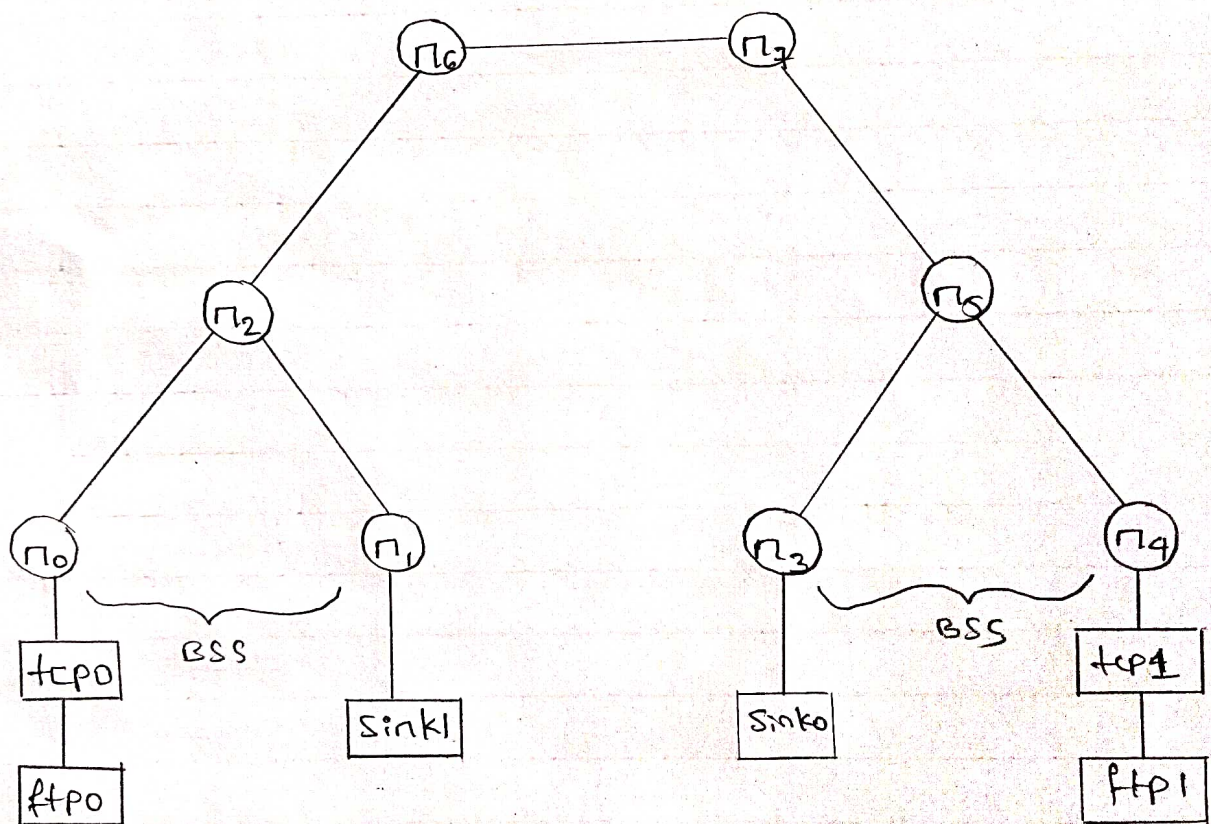


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Network design

r_2 & r_5 Access points

r_7 & r_6 Routers

Aim :- Implement ESS with transmission nodes in wireless LAN and obtain the performance parameter

Tool Used :- NSQ 2.1

BSS (Basic service set): Two or more nodes connected to access point.

ESS (Extended service set): Two or more BSS forms ESS

Procedure :-

1) Create single ethernet LAN using $N=04$ nodes

LAN = n_0, n_1, n_2, n_3

2) Select two nodes as source and remaining two nodes as destination.

3) Apply relevant parameters

4) Determine congestion window for different source destination.

Conclusion :-

Implement ESS with transmission nodes in wireless LAN .is performed

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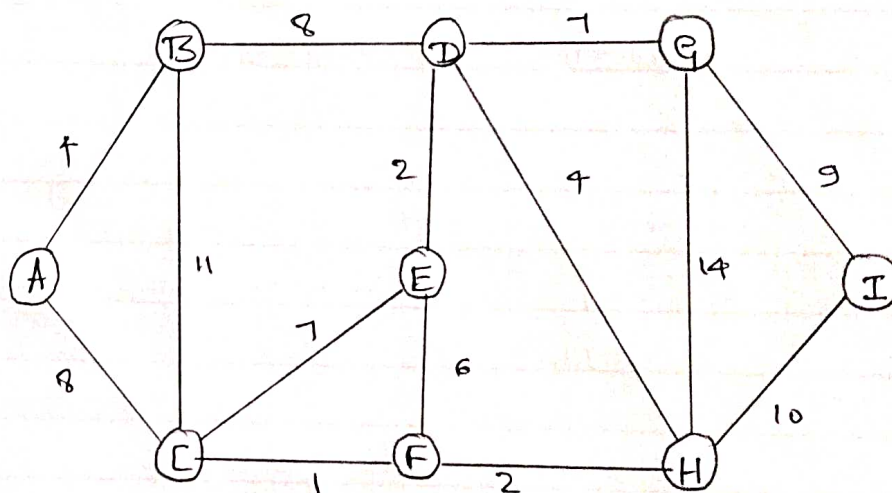
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Network design

Aim :- Implementation of link state routing algorithm.

Tool Used :- NS2.1

Procedure :-

- 1) create a node network with necessary node parameters
- 2) create duplex links and set the appropriate link parameters
- 3) Generate TCL script and save it with filename.tcl file
- 4) Then assign the costs of the all links in tcl script.
- 5) Run the tcl script using command ns filename.tcl.

Conclusion :-

Implementation of link state routing algorithm is performed.