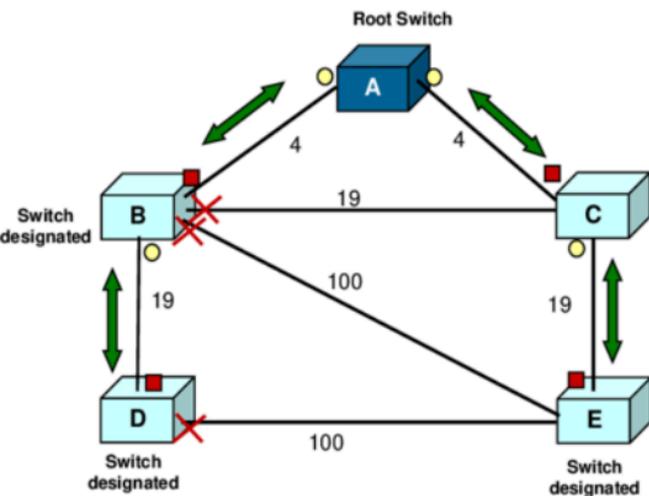


Converged Topology



■ - Root Port

✗ - Blocked port

○ - Designated Port

It is provided a bidirectional path with a tree logical topology between the root and all the switches of the network without closed loops

STP switch port states:

State	BPDU Rx	BPDU Tx	Data Rx	Data Tx
Disabled	No	No	No	No
Blocking	Yes	No	No	No
Listening	Yes	Yes	No	No
Learning	Yes	Yes	Yes	No
Forwarding	Yes	Yes	Yes	Yes

The listening state corresponds to the spanning tree configuration and building.

In the blocking state the port continues to receive BPDUs with certain periodicity (default 2 s). No user data is sent or received over the port. When an active port fails it may be necessary to activate the blocking ports.