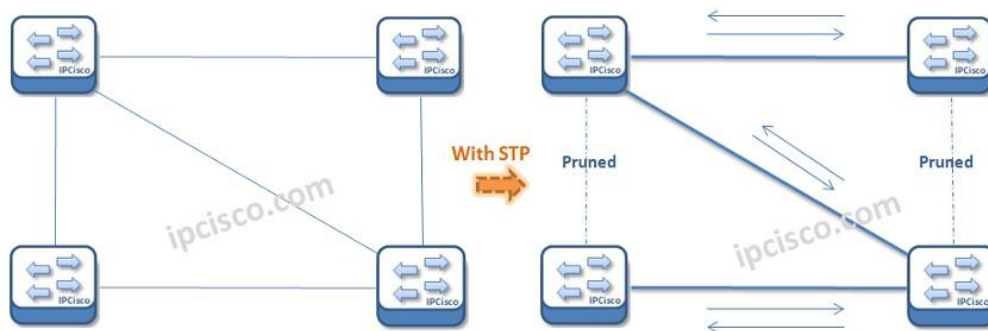
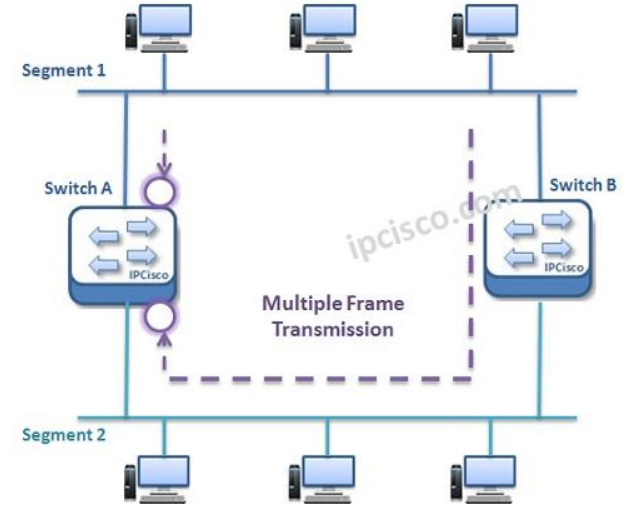
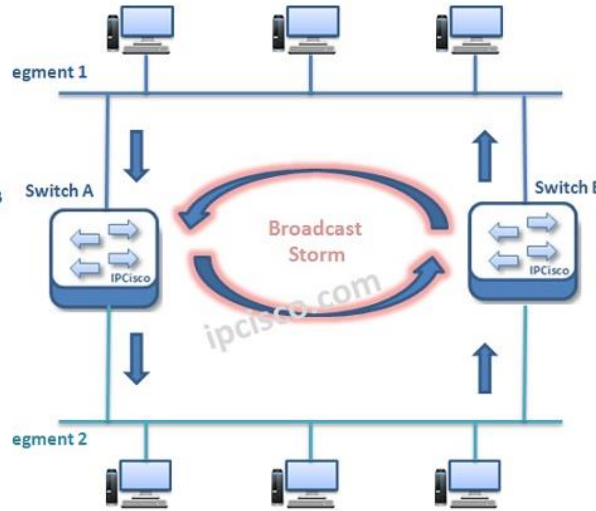
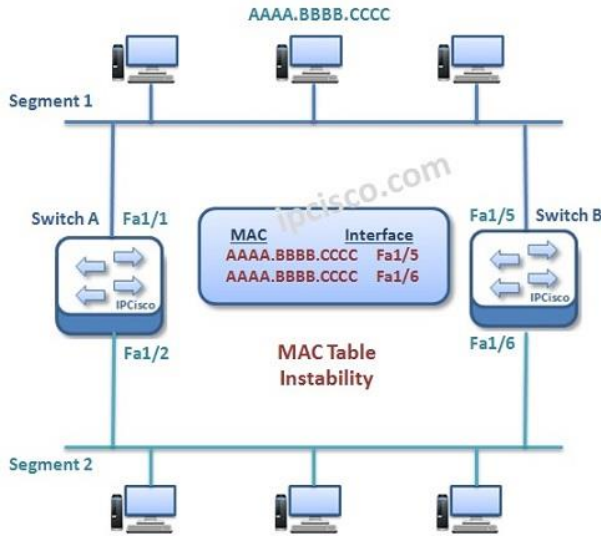


# STP Cheat Sheet

## Without STP



### STP Versions

STP (Spanning Tree Protocol)	802.1D
RSTP (Rapid Spanning Tree Protocol)	802.1W
PVST+ (Per VLAN Spanning Tree Plus)	Cisco Proprietary
Rapid PVST+ (Rapid Per VLAN ST Plus)	Cisco Proprietary
MST (Multiple Spanning Tree)	802.1s

# STP Cheat Sheet

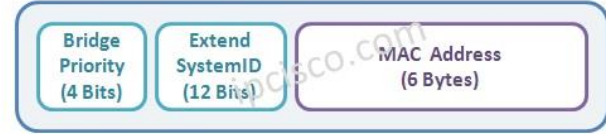


STP (IEEE 802.1D) BPDU

RSTP (IEEE 802.1w) BPDU



Bridge ID (8 Bytes)



## Link Speed (BW)

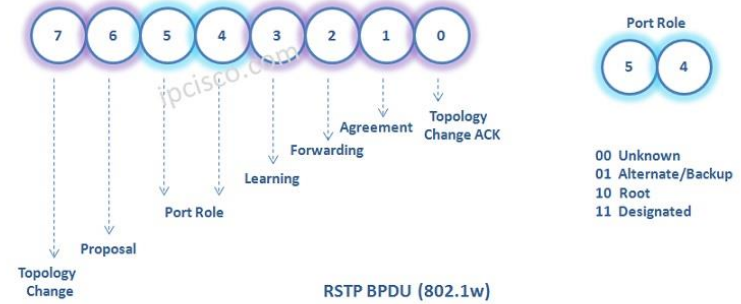
10 Gbps  
2 Gbps  
1 Gbps  
100 Mbps  
16 Mbps  
10 Mbps  
4 Mbps

## Link Cost (802.1D)

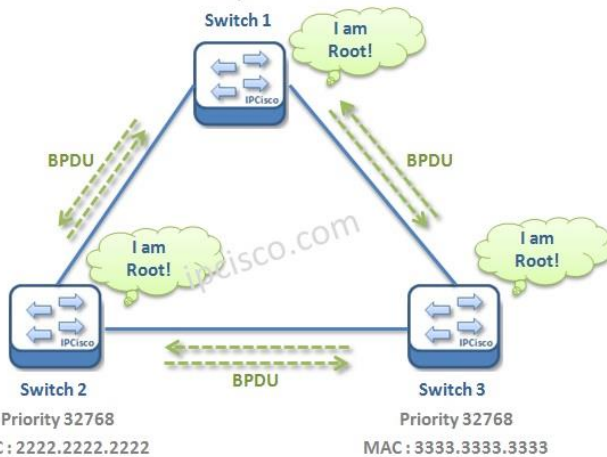
2  
3  
4  
19  
62  
100  
250

## Link Cost (802.1t)

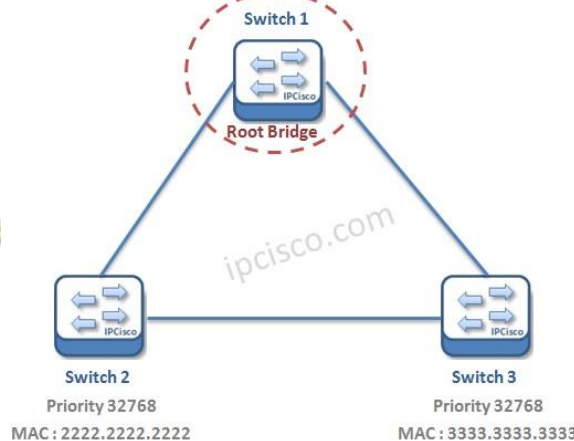
2,000  
10,000  
20,000  
200,000  
1,250,000  
2,000,000  
5,000,000



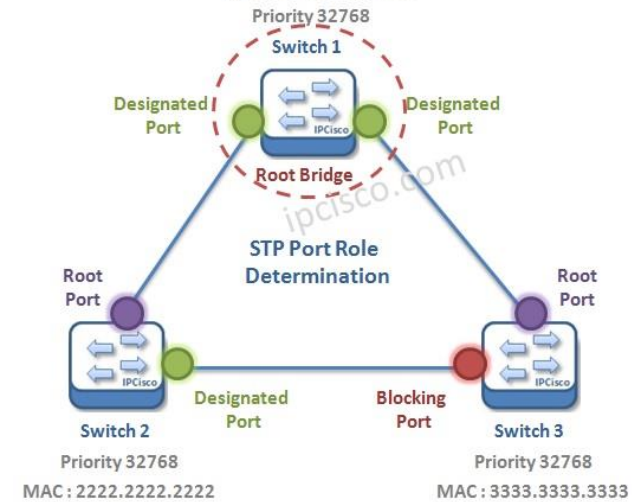
MAC: 1111.1111.1111  
Priority 32768



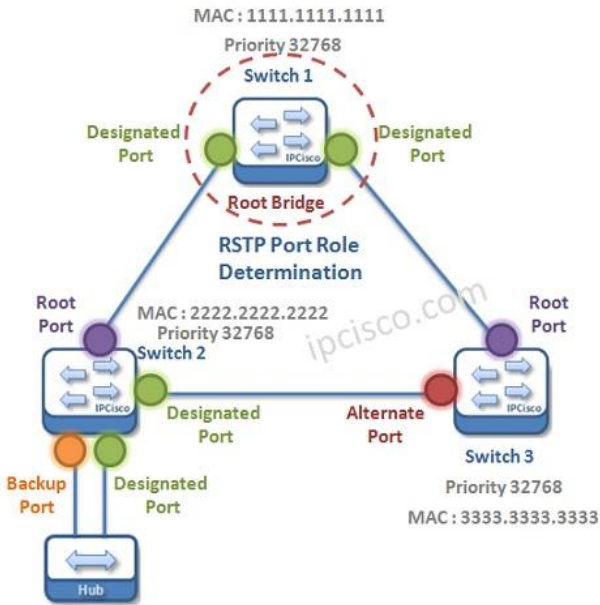
MAC: 1111.1111.1111  
Priority 32768



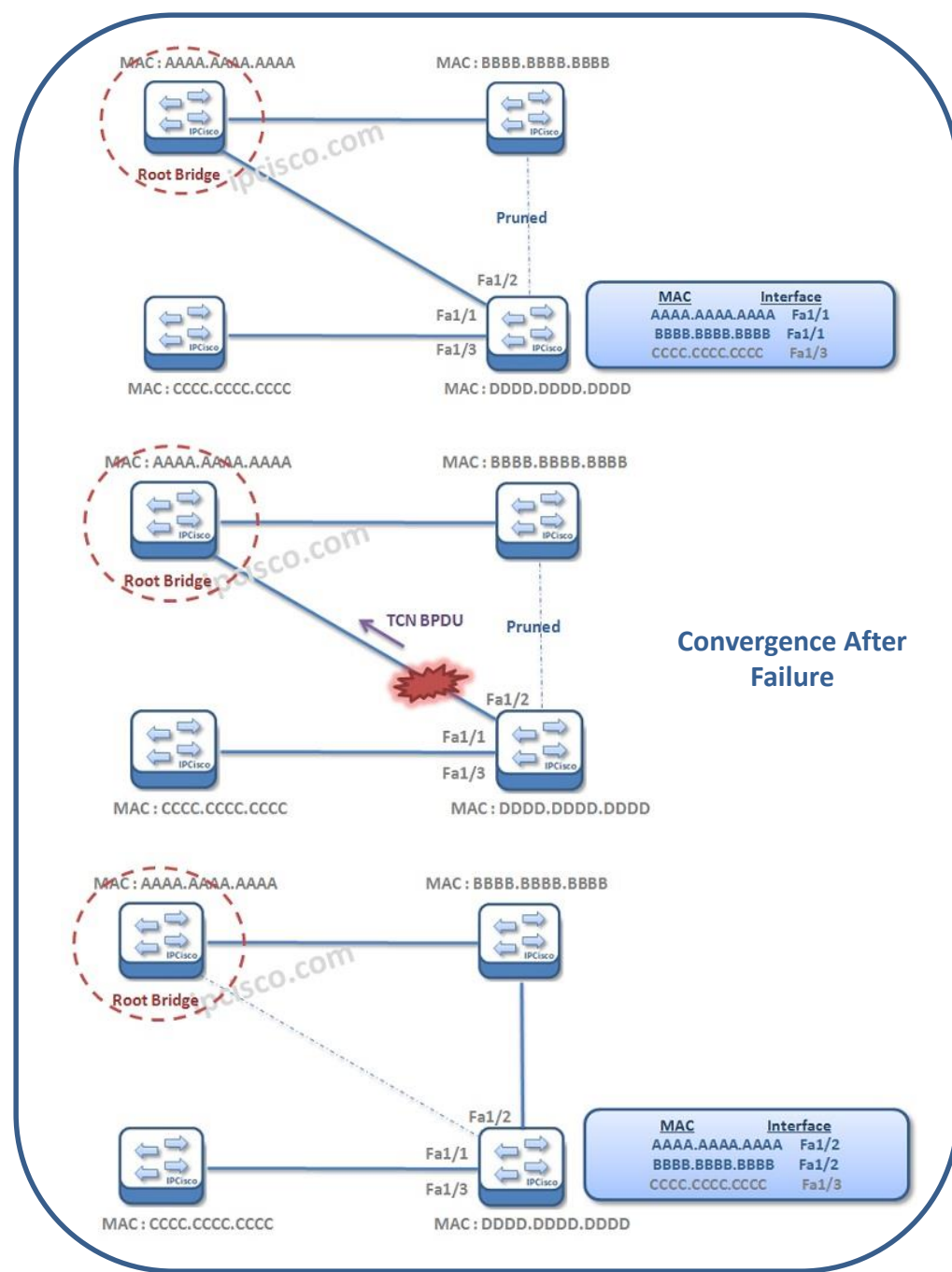
MAC: 1111.1111.1111  
Priority 32768



# STP Cheat Sheet



STP	RSTP
Disabled	Discarding
Blocking	
Listening	Learning
Learning	
Forwarding	Forwarding



Convergence After Failure