BORDER GATEWAY PROTOCOL

1.WHAT IS BGP

2.WHEN TO USE BGP

3.TYPES OF BGP

4.BGP PEER MESSAGES

5.CONFIGURING BGP NEIGHBORS

* I-BGP CONFIGURATION

* E-BGP CONFIGURATION

6.BGP TIMERS

7.BGP SYNCHRONIZATION

8.ORIGINATING PREFIXES IN BGP

9.BGP ROUTING TABLE

10.BGP ROUTE REFLECTORS

11.BGP CONFEDERATIONS

12.BGP PEER-GROUP

13.BGP ATTRIBUTES

14.BGP BEST PATH DETERMINATION

15.BGP SUMMARIZATION

16.BGP ROUTE DAMPENING

17.BGP NEXT-HOP-SELF

18.BGP BACKDOOR

19.BGP LOOP AVOIDANCE MECHANISM

MULTIPROTOCOL LABEL SWITCHING

1.WHAT IS MPLS

2.WHY WE USE MPLS

3.CISCO EXPRESS FORWARDING

4.MPLS LABEL

5.MPLS COMPONENTS

*LSR(LABEL SWITCH ROUTER)

*EDGE LSR

*NON-LABEL ROUTER

6.MPLS ROUTING TABLE

7.MPLS LIB TABLE

8.LDP(LABEL DISTRIBUTION PROTOCOL)

9.FIB(FORWARDING INFORMATION BASE)

10.LABEL FORWARDING INFORMATION BASE

11.MPLS PROCESS

12.CONFIGURING BASIS MPLS

13.MPLS VPN

*OVERLAY

*PEER-TO-PEER

14.VRF IN MPLS

15.ROUTE DISTINGUISHER

16.ROUTE TARGETS

17.PHP IN MPLS

18.L3 MPLS VPN

19.L2 MPLS VPN