

05/11/20

Lab 6

DATE:

PAGE:

6b configure RIP Routing Protocol in Router.

- We need to add routes to routes statically & this may become difficult if we have many. RIP protocol helps to overcome this problem. It copies this routing table of its neighbouring routes limit its extension is 16 nodes in network.
- learnt to configure RIP protocol

Routing Information protocol is distance vector routing protocol. It knows only neighbours & doesn't know entire topology.

It doesn't support CIDR but RIP version 2 supports CIDR & VLSM. It will update routing information every 30 sec (periodically).

PPP → point to point protocol - for serial clock connection clock rate only for clock interfaces, encapsulation PPP for serial interfaces only.

To configure RIP protocol for say router 1 -
 click on router 1 → enable → config terminal

router rip

network 10.0.0.0 } gateway

network 20.0.0.0 }

exit

RIP

15

 Conf
 Sure