

Configure RIP routing protocol in Routers.

- we used to add routes to routers statically and this may become difficult if we have many RIP protocol helps to overcome this problem. It copies this routing table of its neighbouring router limit of its extension is 16 nodes in network.
- Routing information protocol is distance vector routing protocol. It knows only neighbours and doesn't know entire topology.
- It doesn't support classful network (GDR) but RIP version 2 support CIDR & VLSM. It will update routing information every 30 sec (periodically).

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

To configure RIP protocol for consider Router 1

click on router 1 → enable → config terminal

router rip

network 10.0.0.0

network 20.0.0.0

exit