

Ex. No. 9

Subnetting in Cisco packet

Date: 10/10/24

Tracer.

Aim:

Implementation of Subnetting in Cisco packet Tracer Simulator

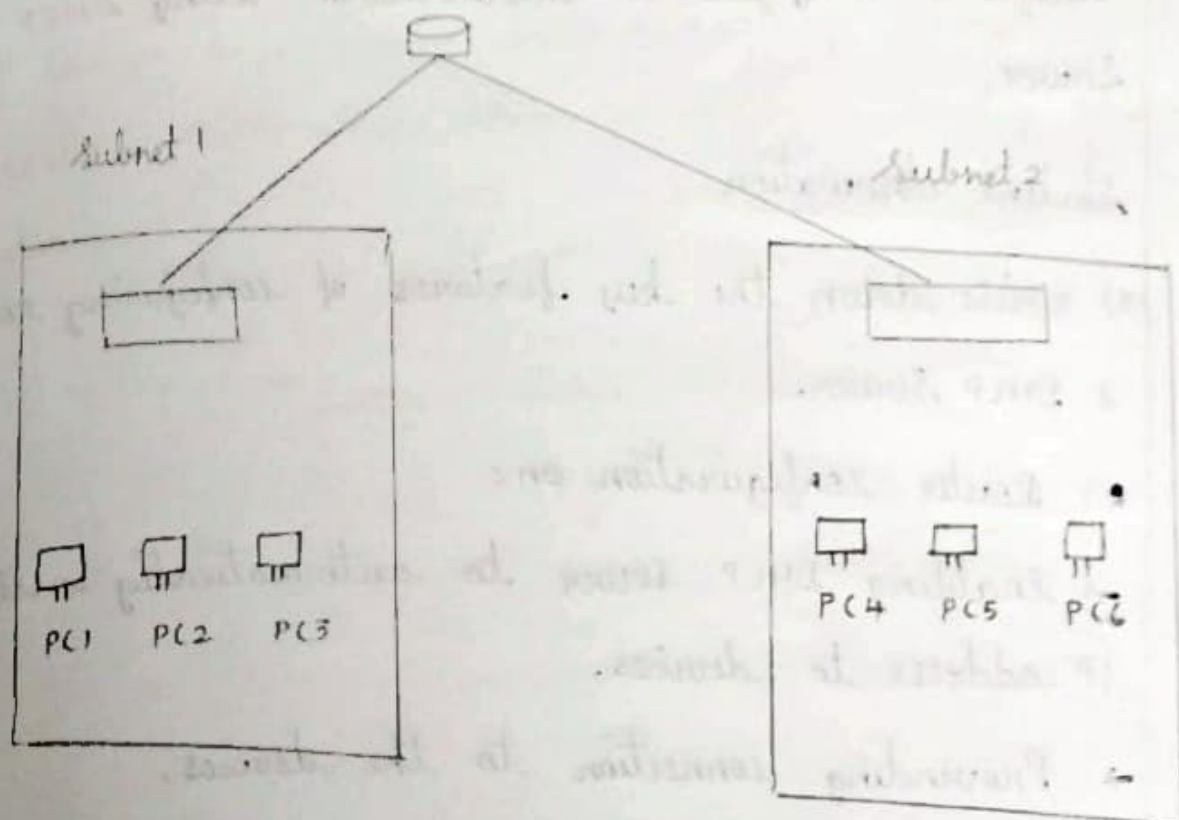
Student observation questions:

a) Draw your implementation of Subnetting

b) write down your understanding of Subnetting
classless ip subnetting is a technique that allows for more efficient use of IP address by allowing for subnet masks that are not just the default masks for each IP class, no of ip address but need to create multiple networks.

c) what is the advantage of implementation within a network?

subnetting is useful when we have a limited number of IP addresses but need to create multiple networks. This also enhance security.



Result:

Thus, subnetting has been implemented in Cisco packet tracer & the output is verified.

[Signature]
19/11/21