

EX NO : 9

2/10/24: SUBNETTING IN CISCO PACKET
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 addresses by allowing for subnet masks that are not just the default masks that

are not just the default masks for each IP. This means that we can divide our IP address space into smaller subnets, which can be useful with. We have a limited no. of IP addresses but need to create multiple networks.

→ Subnetting is useful when we have a limited no. of IP addresses but need to create multiple networks. This also enhances security.

RESULT:

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

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