

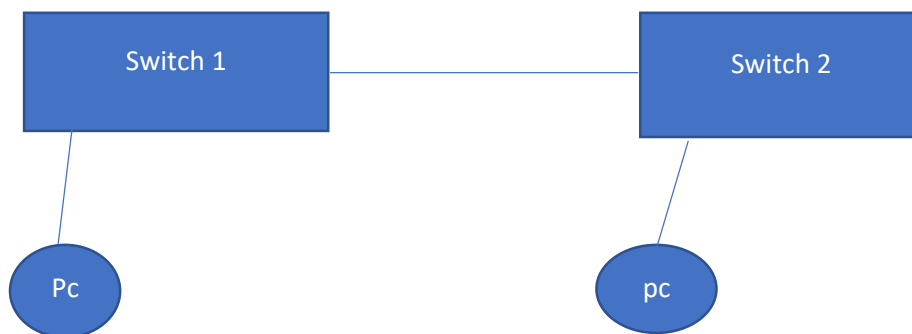
System Management Assignment

LAB – 7

Working with Cisco Packet Tracer

Objective – AIM of this assignment to learn Basic Networking with different commands of Cisco Packet Tracer.

- (1) Design a scenario in cisco packet tracer, In which two switches connected together with two PCs , one in each switch and are in same network. Use class C IP address. The management IP for switch should be of different network than of PCs. switch are communicating to each other, please follow the diagram.



- (2) Design a scenario in cisco packet tracer, In which two switches connected together with four pc, two in each switch and are in different networks. Use class C IP address. The management of IP for switch should be of different network than of PCs. Use gateway with L3 switch.
- (3) Internet service provider allocated class C address (For example,193 .16.3.5) to an Organization, now organization want to further subnet this IP address to 14 other sub departments. Solve these query.
- What is the Subnet Mask?
 - What is the IP address of last host of 3rd subnet?
 - What is the IP address of last host of last subnet?
 - Maximum number of host that can be connect in a subnet.
 - Broad cast address of first subnet.

NEED to attach kind of screen shots of Cisco Packet Tracer. (i) All students please read Command details. (ii) Submission format will be same as previous assignments use “LAB-7, Assignment” in place of LAB 1 or 2,3,4 with your roll no.

