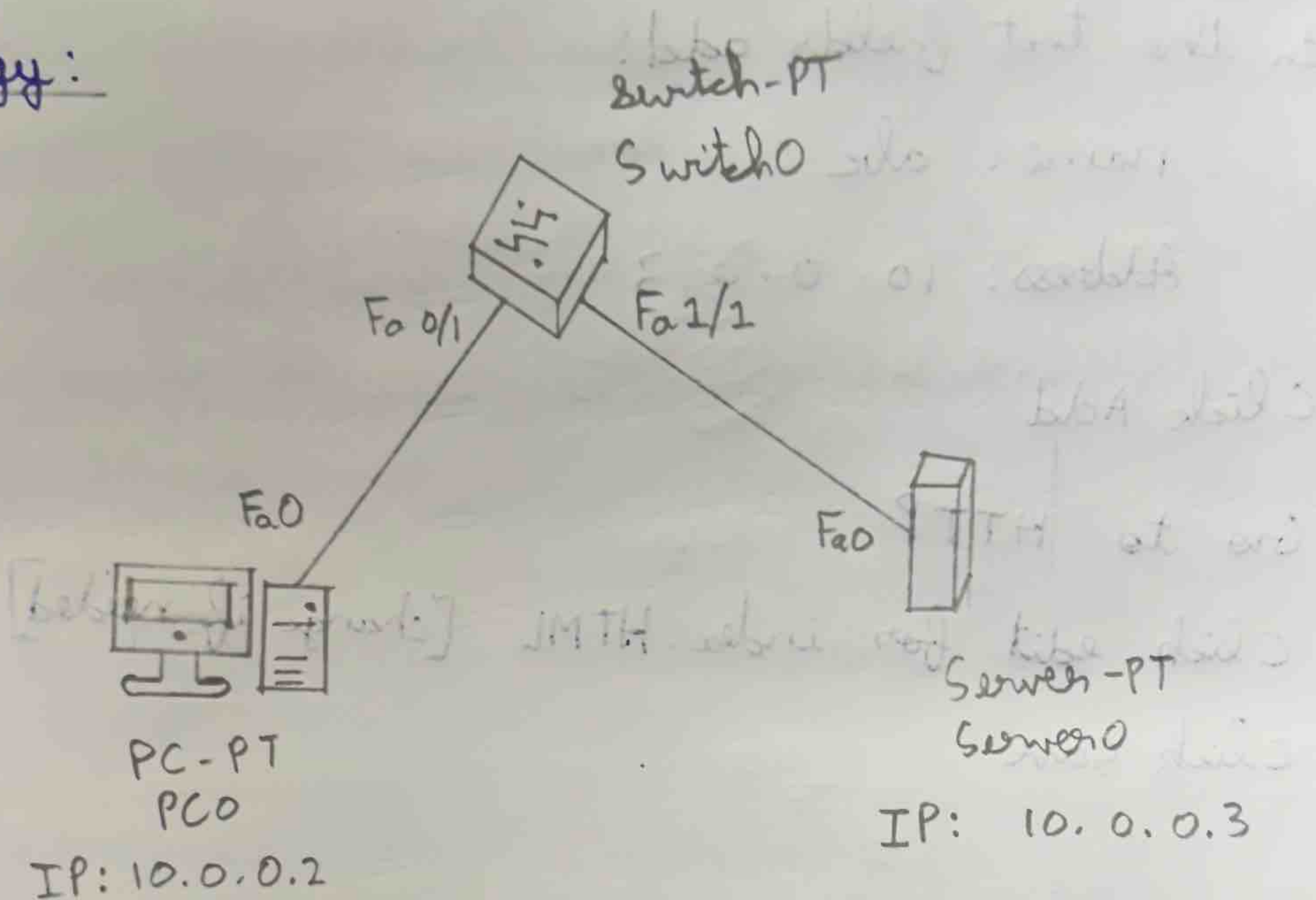


Exp - 8: Configure Web Server, DNS with in a LAN

Aim: To configure DNS Server to demonstrate the mapping of IP addresses and domain names

Topology:



Procedure: Configuration:

open cisco Packet Tracer and arrange as given in topology and configure the devices as given below

PC0:

IP Address: 10.0.0.2

Server:

IP Address: 10.0.0.3

Connect PC0 and Server0 via a switch-PT

PC0 connects to switch on interface Fa0 and switch on Fa0/1

Server connects to switch on interface Fa0 and switch on Fa1/1

Server 0:

Go to Server → Services → DNS

Enable On

In the text fields add:

name: abc

Address: 10.0.0.3

Click Add

Go to HTTP

Click edit for index.HTML [change if needed]

Click Save

Procedure:

1. Go to PC0 → Desktop → Web browser
2. Search abc in URL bar then click 'go'
3. Search 10.0.0.3 in URL bar then click 'go'

Output: for both 'abc' & 10.0.0.3

Cisco Packet Tracer

Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

Quick Links:

A small page

Copyrights

Image page

Image

Observation:

In this experiment, a web server and DNS were configured within a LAN to map domain names to IP addresses. The PC0 (IP: 10.0.0.2) successfully accessed the server (IP: 10.0.0.3) by both its IP address and the configured domain name 'abc'. The configuration was successful allowing the web page to be accessed via both methods.

