DNS Configuration:
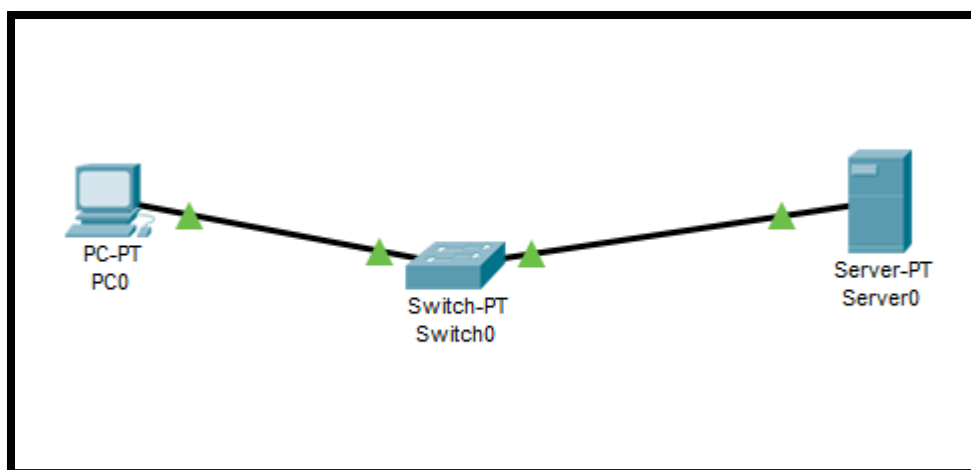
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Aim: Configuring DNS Server.

Procedure:

1. Create a topology as shown in the figure below.
2. Add DNS as 10.0.0.2 to the PC0 & The IP Address as 10.0.0.1 & Gateway 10.0.0.2
3. Click on Server & click on Services → HTTP & HTTPS click on **'ON'** then select the DNS click on **'ON'** & add **Name:** test.com **Address:** 10.0.0.2
4. Now go to config → fast Ethernet - IP Address: 10.0.0.2 subnet Mask: 255.0.0.0
5. Now go to settings in the config Gateway – 10.0.0.2 & DNS server: 10.0.0.2

Observation: PC communicated with the server using the IP Address as well as using the Domain Name.

Topology:

DNS Configuration:

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DNS Server config:

Gateway & DNS Server:

DNS Configuration:

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Server IP Address:
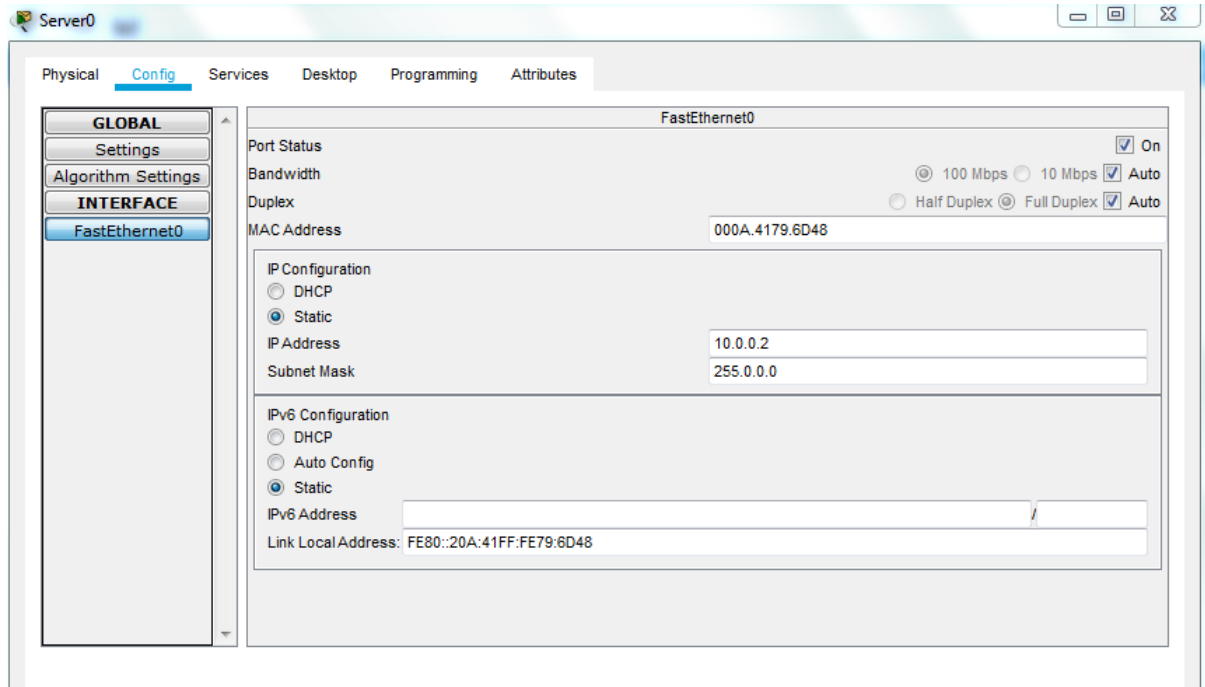
PC Communicating Using IP Address:

DNS Configuration:

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PC Communicating Using Domain Name: