World University of Bangladesh

Course Title : Data Communications and Networking Lab
Code   : CSE 902
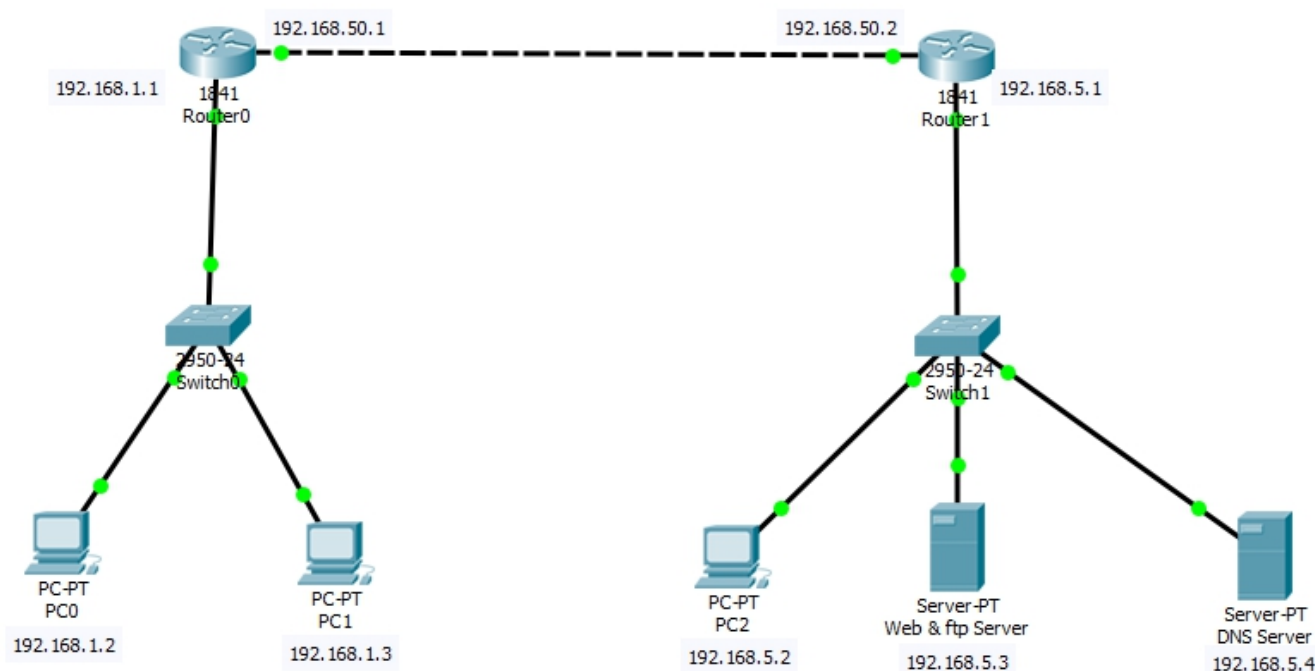
Assignment

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Question 1. Design and configuration of FTP and DNS server of following network by using cisco packet tracer.

Answer.

We can see in the picture there are several devices. These are :-

1. PC
2. Switch
3. DNS server
4. FTP server
5. Router

Now our task is to configure those devices and make a network that contains a domain and the domain gives us the link of ftp server. The configuration steps are given below :-

PC0 :

        IP :   192.168.1.2
        Subnet mask: 255.255.255.0
        Default gateway: 192.168.1.0

PC1 :

        IP :   192.168.1.3
        Subnet mask: 255.255.255.0
        Default gateway: 192.168.1.0

PC2 :

        IP :   192.168.5.2
        Subnet mask: 255.255.255.0
        Default gateway: 192.168.5.0

DNS server :

        Service: DNS service > on. Name >www.ftpdns.com > Address > 192.168.0.30

        IP :   192.168.5.4
        Subnet mask: 255.255.255.0
        Default gateway: 192.168.5.0

FTP server :

       Service: ftp >service->on> username:password

       IP :   192.168.5.3
       Subnet mask: 255.255.255.0
       Default gateway: 192.168.5.0

FTP server :