CISCO PROJECT

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OBJECTIVE:

Creating a College Network for E-mail and web server.

MATERIAL USED:

Cisco Packet Tracer 8.1.1(x64), 2960-24TT Switch (Total 5), PC-PT (Total 15), Router-PT-Empty with 5-6 of PT-Router-NM-1CGE, Server-PT.

ABOUT:

- *It is a college network of dronacharya Group of Institutions which is divided into 5 sections as: IT Services Network, Administration Network, Accounts Network, Teachers Network, Students Network.*
- *Each Network consist 1 Switch and 3 PCs. IT Services Network has a Server. All Network are connected to a common Router (College Router).*

FEATURE:

Secure console Port and Privilege

Enable Encryption All of the Password

Configure Switch SVI Port

Configure Telnet Services

Copy Configure file from RAM to MVRAM

Enable Web Services and E-mail Services

CIA Traits:

-Every system has password so that confidentiality will be maintained.

-Every password is encrypted so that no one can easily access it other than authorized user to maintain integrity.

-Every system has given a specific Username so that availability will be maintained.

USERNAME: cisco

PASSWORD: password

REPRESENTATION:
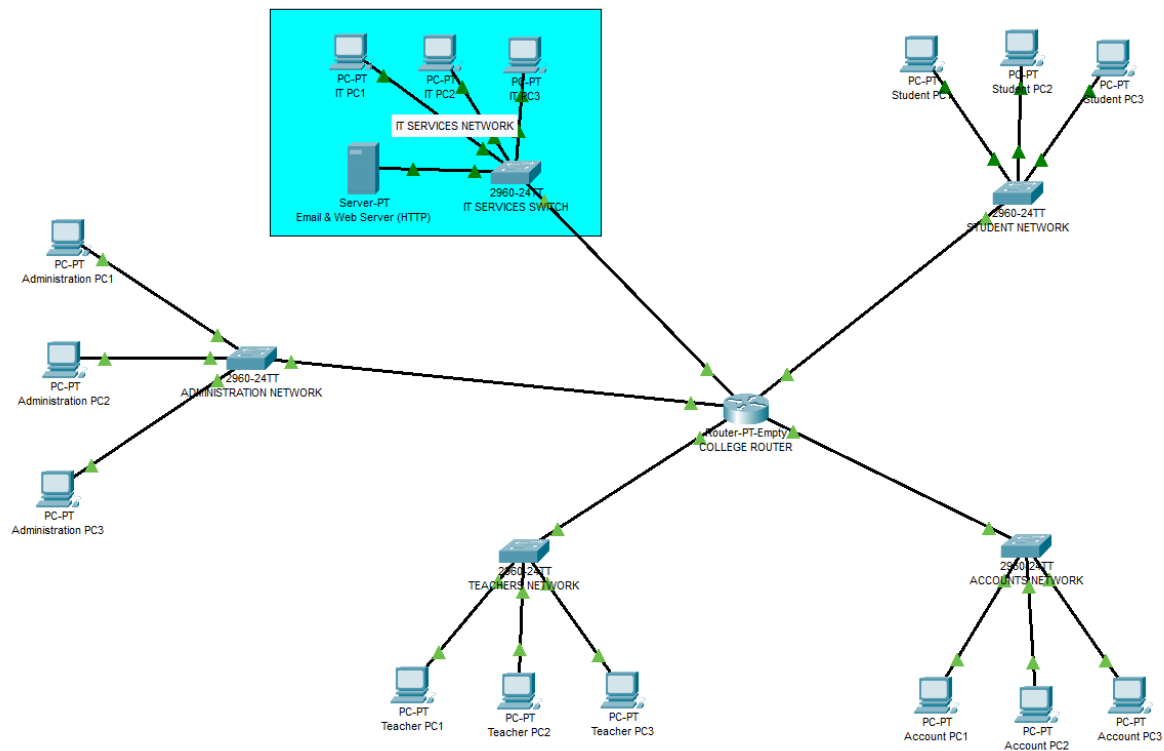
College Network
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IT Services Network -   192.168.0.0/24

Administration Network - 192.168.1.0/24

Accounts Network -   192.168.2.0/24

Teachers Network -   192.168.3.0/24

Students Network -   192.168.4.0/24


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Device Name: COLLEGE ROUTER
Device Model: Router-PT-Empty
Hostname: CollegeRouter

Port               Link    IP Address        MAC Address
GigabitEthernet0/0 Up      192.168.0.1/24    0002.16E7.9257
GigabitEthernet1/0 Up      192.168.1.1/24    00D0.BA9C.E32D
GigabitEthernet2/0 Up      192.168.3.1/24    00E0.A379.5C11
GigabitEthernet3/0 Up      192.168.2.1/24    000B.BE3B.4E26
GigabitEthernet4/0 Up      192.168.4.1/24    00E0.B02D.2BB6
GigabitEthernet5/0 Down    <not set>         00E0.F9C7.0C1E
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