



New Era University

College of Informatics and Computer Studies



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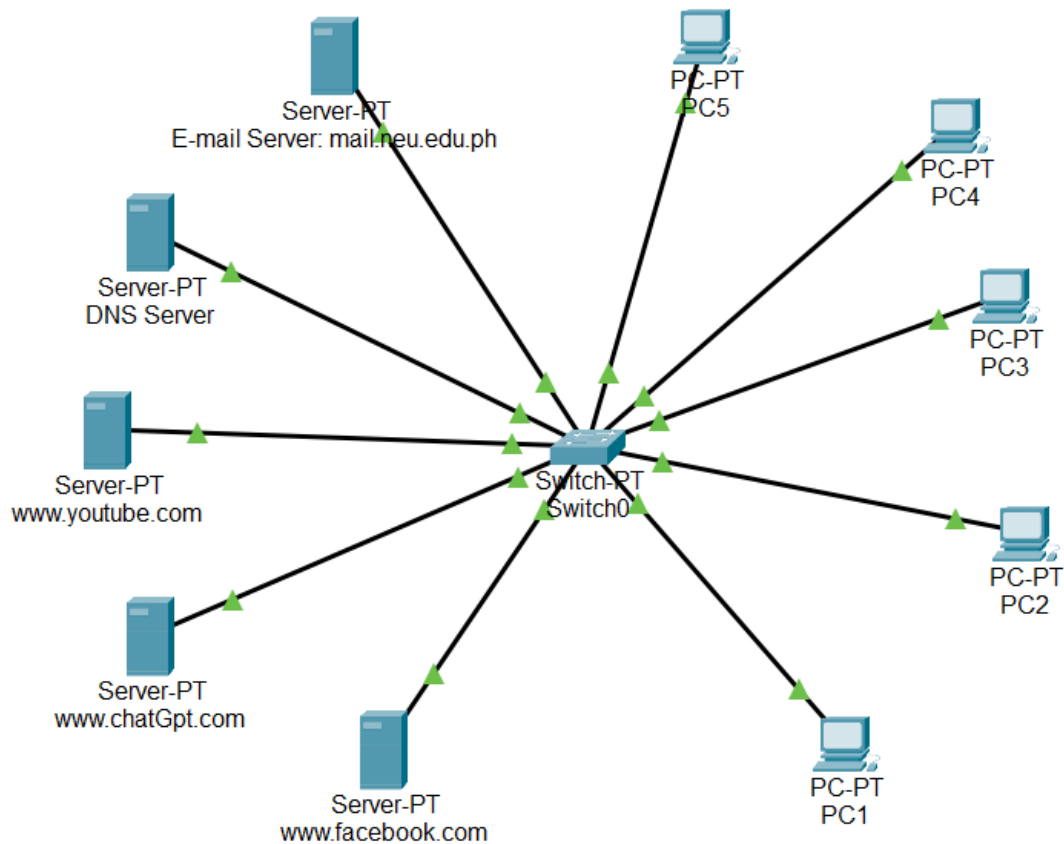
Section: 3 – BSCS – 1

Cisco Packet Tracer - C:\Users\Manal\Cisco Packet Tracer 8.2.1\saves\Lab 4.pkt

File Edit Options View Tools Extensions Window Help



Logical Physical x: 1045, y: 341





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DNS Server

DNS Server

Physical Config **Services** Desktop Programming Attributes

SERVICES

- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS**
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DNS

DNS Service ☒ On ☐ Off

Resource Records

Name Type **A Record**

Address

No.	Name	Type	Detail
0	www.chatgpt.com	A Record	172.16.0.21
1	www.facebook.com	A Record	172.16.0.22
2	www.youtube.com	A Record	172.16.0.20

YouTube firewall configuration

www.youtube.com

Physical Config Services **Desktop** Programming Attributes

Firewall

Service ☒ On ☐ Off

Interface **FastEthernet0**

Inbound Rules

Action Protocol

Remote IP Remote Wildcard Mask

Remote Port Local Port

	Action	Protocol	Remote IP	Remote Wild Card	Remote Port	Local Port
1	Deny	IP	0.0.0.0	255.255.255.255	-	-



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ChatGPT firewall configuration

www.chatGpt.com

Physical Config Services Desktop Programming Attributes

Firewall X

Service ☒ On ☐ Off

Interface FastEthernet0

Inbound Rules

Action Protocol

Remote IP Remote Wildcard Mask

Remote Port Local Port

Save Remove Add

	Action	Protocol	Remote IP	Remote Wild Card	Remote Port	Local Port
1	Deny	IP	0.0.0.0	255.255.255.255	-	-

Facebook firewall configuration

www.facebook.com

Physical Config Services Desktop Programming Attributes

Firewall X

Service ☒ On ☐ Off

Interface FastEthernet0

Inbound Rules

Action Protocol

Remote IP Remote Wildcard Mask

Remote Port Local Port

Save Remove Add

	Action	Protocol	Remote IP	Remote Wild Card	Remote Port	Local Port
1	Deny	IP	0.0.0.0	255.255.255.255	-	-



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Example:

www.facebook.com

PC1

Physical Config Services **Desktop** Programming Attributes

Firewall

Service

Interface FastEthernet0

Inbound Rules

Action Protocol

Remote IP Remote Wildcard Mask

Remote Port Local Port

	Action	Protocol	Remote IP	Remote Wild Card	Remote Port	
1	Deny	IP	0.0.0.0	255.255.255.255	-	-

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL

Host Name Unresolved

Can send email to other pc

PC4

Physical Config **Desktop** Programming Attributes

MAIL BROWSER

Mails

	From	Subject	Received
1	user5@mail.neu.edu.ph	TestEmail	Sun Feb 18 2024 17:08:24

TestEmail
user5@mail.neu.edu.ph
Sent : Sun Feb 18 2024 17:08:24

Lab 5 Assignment Laboratory