

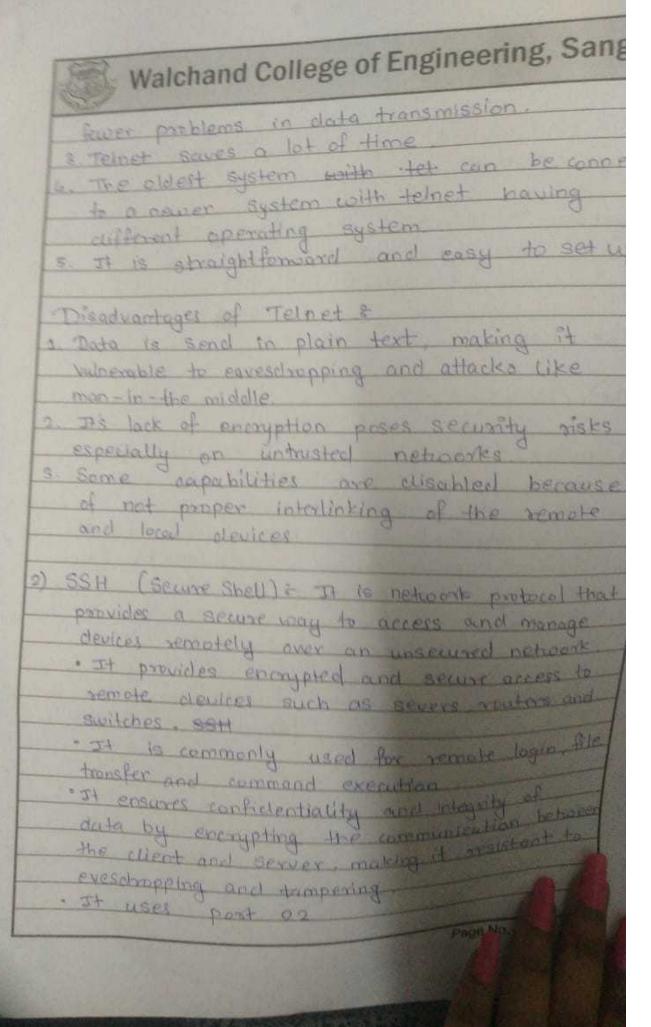
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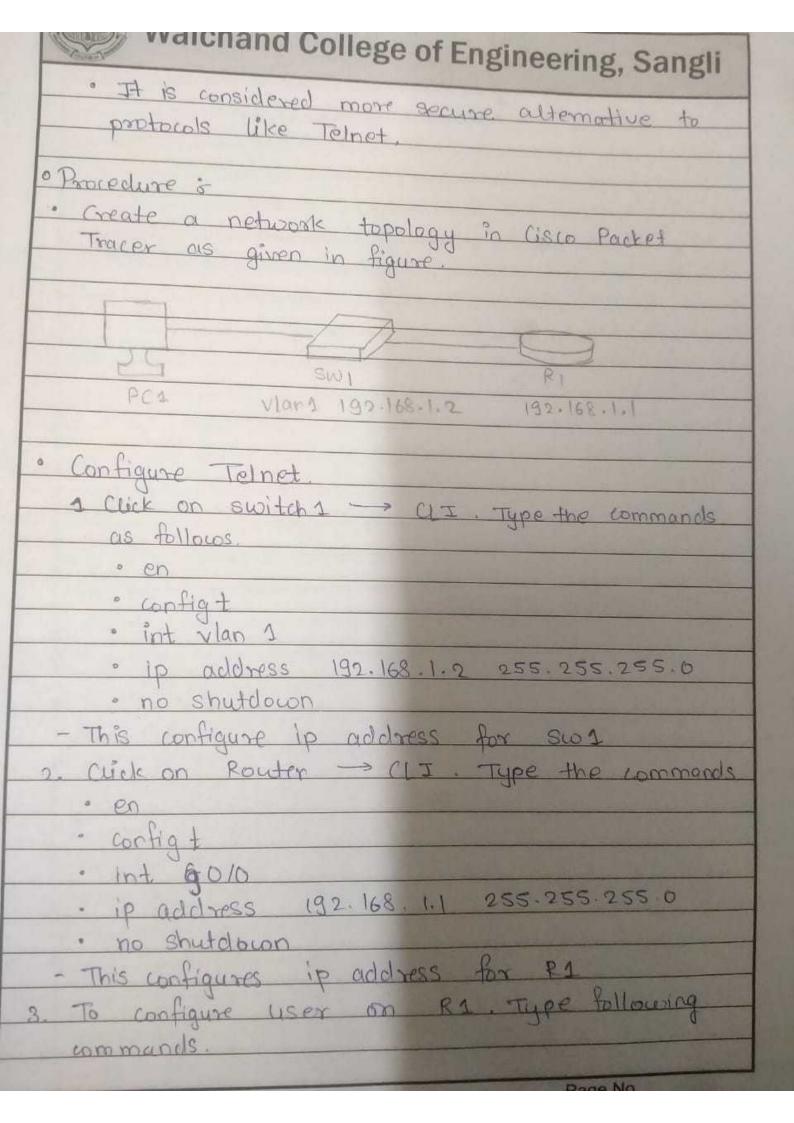
- o Title : Understand and Compare Telnet and SSH protocol
- · Objective : To understand the difference between Telnet and SSH protocols and stimulate their usage in Osco packet tracer
- · Mode Used & Cisco Packet Tracer
- · Theory &
 - 1) Telnet (Telecommunication Network) = It is a type of protocal that enables one computer to connect to the local computer. It is used as a standard TCP/IP protocol for virtual terminal service cohich is provided by ISO.
 - · Duming telnet operation, whatever is being performed on the remote computer will be · It operates on a client server principle

 - . It is an unencrypted remote management protocol used to access and manage divices semotely.
 - . It operates on post 23

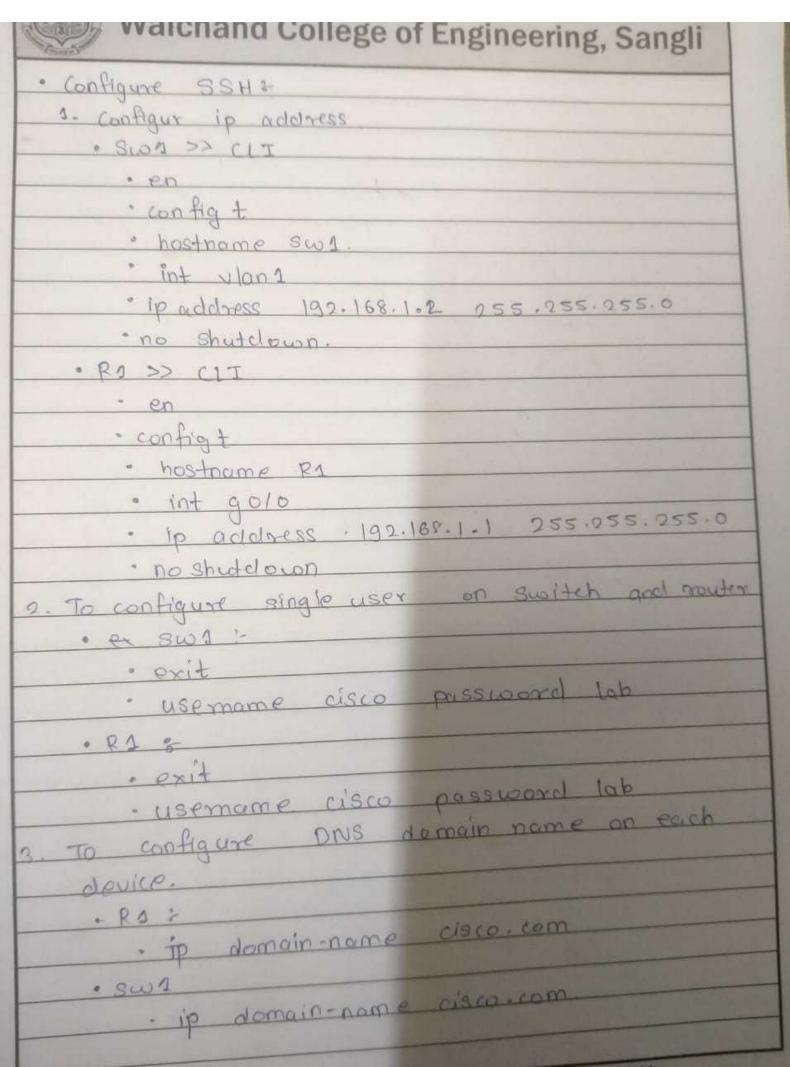
Advantages of telnet : 1. It provides remote access to someone's computer

2. Telnet allows user for more access with



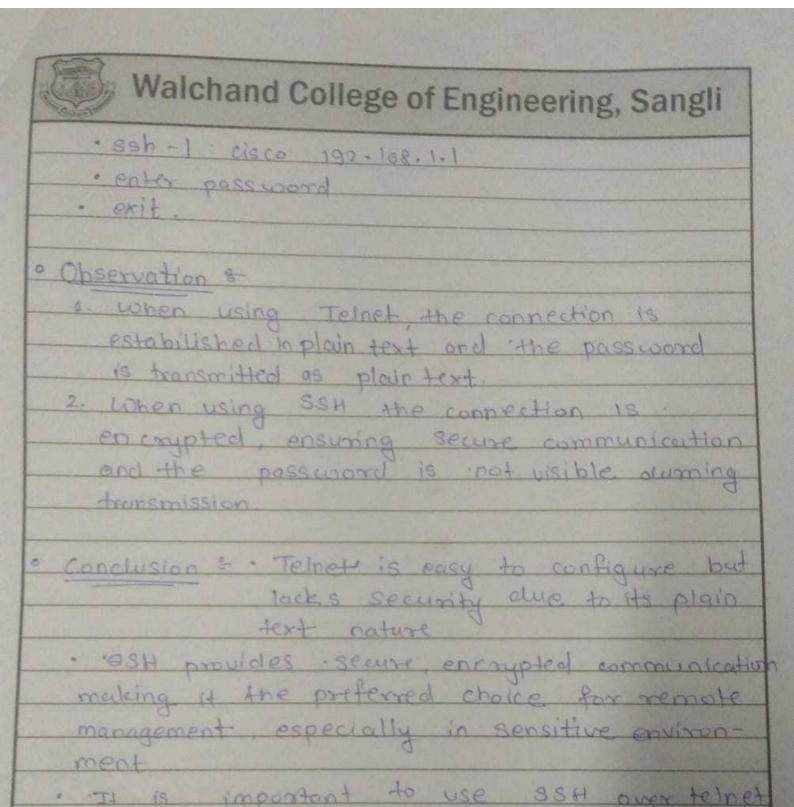


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· exit
· Username cisco password lab
exit user on sw1. Use following commands
S. To well a cisco password Lab
to contigure to vity line on Swall and Pa
typtual teleg tape)
· vty stands for virtual teletype.
1. Une 1 to 1
1. Une vty 0-15
3. transport input telnet
· Rs & (commands)
1. Line vty 0 15
2. login local
8. transport input telnet
6. Go on PC1 > Desktop > Command prompt
· telnet 192.168-1-2
· provide username and password.
· exit
Try now for router 1
· felnet 192.168.1.1
· provide username and passinord
exit.
Here we get access to the command line of
Po and Sw1.



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4. To generate keys to entrypt the packet
- 1024 generate xsq.
crypto key generate rsq
5. To configure vty line.
· line vty 0 15
exact timeout 5
· Swg &
· transport Input SSH
6. For using SSH version 2 use following command
PRO and Swa.
t. To connect to command line of soul and
(Telenet command doesn't work here)
use following command in command prompt of PCI
• ssh - 1 cisco . 132.168.1.2
enter password exit



for secured network connection.