Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

4

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 1 | On Cisco switches, where is the running configuration loaded from? |
| 2 | What does the flash memory on a switches store? |
| 3 | When you are logged into a switch, which prompt indicates that you are in privileged mode? |
| 4 | On which modes in Cisco's IOS you can issue show commands? |
| 5 | Create two users Admin\_'yourfirstname' and Admin\_'yourlastname' grant all privileges to them then login by using Admin\_'yourfirstname' then remove (Admin\_'yourlastname'). Clearly show command for every step |
| 6 | Show the encrypted console password, Privilege mode passwords and all user’s passwords. |

Submitted On:

18-OCT-2023

(Date: DD/MM/YYYY)

**LAB 04 CISCO IOS CLI & BASIC SWITCH CONFIGURATION**

1. On Cisco switches, where is the running configuration loaded from?

The running configuration on Cisco switches is loaded from the RAM (Random Access Memory).

1. What does the flash memory on a switches store?

Flash memory on a switch stores the switch's operating system and system files.

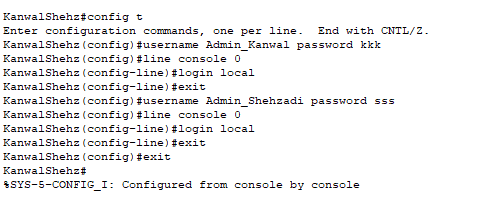
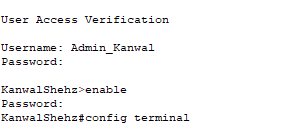
1. When you are logged into a switch, which prompt indicates that you are in privileged mode?

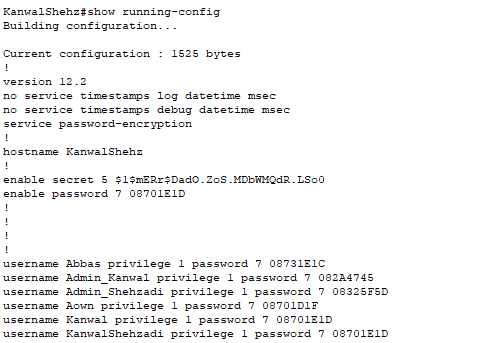
The prompt that indicates you are in privileged mode on a Cisco switch is the '#' symbol.

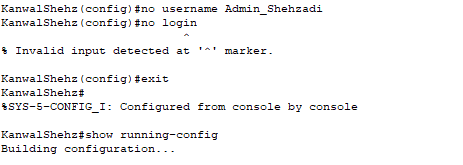
1. On which modes in Cisco's IOS you can issue show commands? in 2 lines only

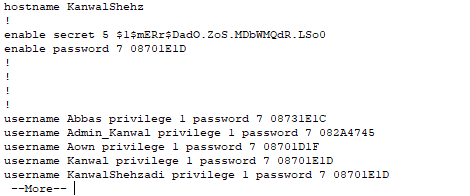
You can issue 'show' commands in both user EXEC mode and privileged EXEC mode in Cisco's IOS

(5)Create two users Admin\_'yourfirstname' and Admin\_'yourlastname' grant all privileges to them then login by using Admin\_'yourfirstname' then remove (Admin\_'yourlastname'). Clearly show command for every step.

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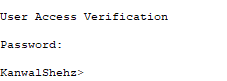
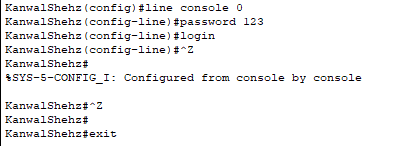




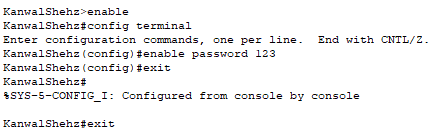


(6) Show the encrypted console password, Privilege mode passwords and all user’s passwords.

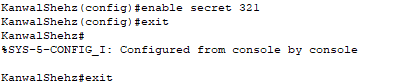
**Console Password**



**Privilege Mode Password**



**Privilege Mode Encrypted Password**

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