Bahria University

Karachi Campus



LAB EXPERIMENT NO.

5

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Connect 4 switches A, B, C and D, all switches must be password protected (encrypted password) and apply the following configuration, show network topology and configuration in your lab task. |
|  | Switch B, C, D must be connected to switch A |
|  | Switch B with VLAN name Faculty & Students having 5 logical ports each |
|  | Switch C with VLAN name Management having 3 logical ports |
|  | Switch D with VLAN name SRC & NCMPR having 3 logical ports each |

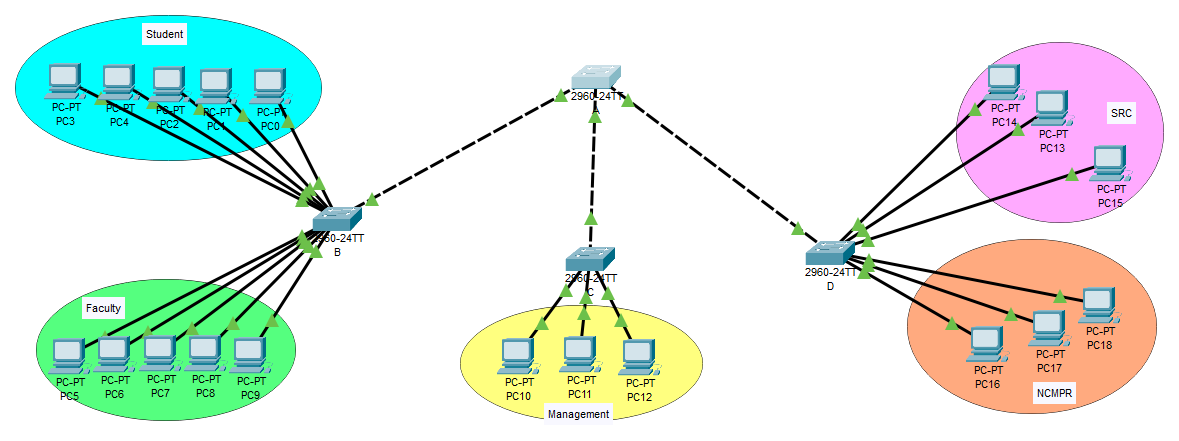
Submitted On:

2-Nov-2023

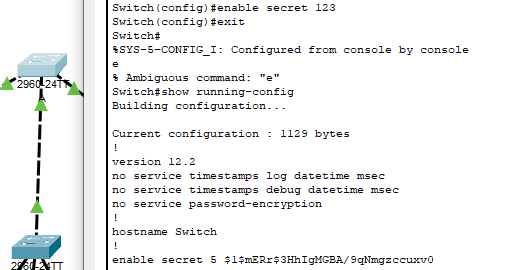
(Date: DD/MM/YYYY)

**LAB 05 Virtual Private Network(VPN)**

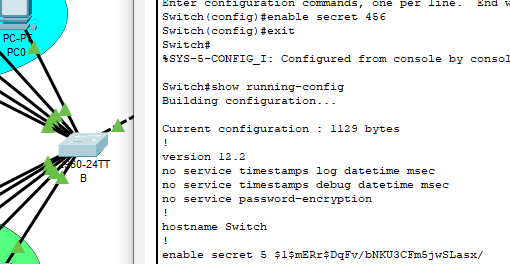
**SOLUTION**



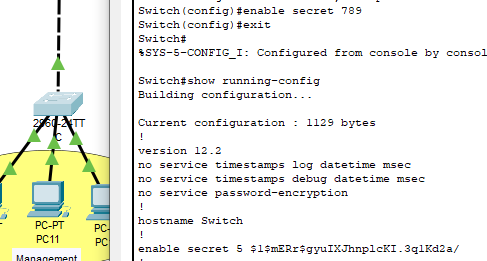
**SWITCH A ENCRYPTED PASSWORD**



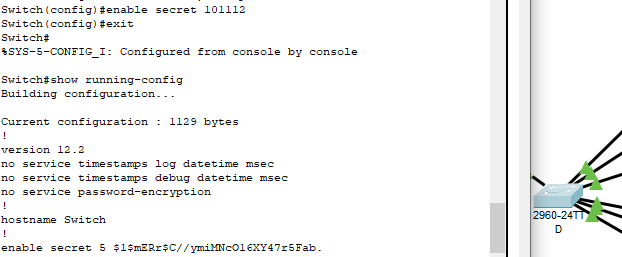
**SWITCH B ENCRYPTED PASSWORD**



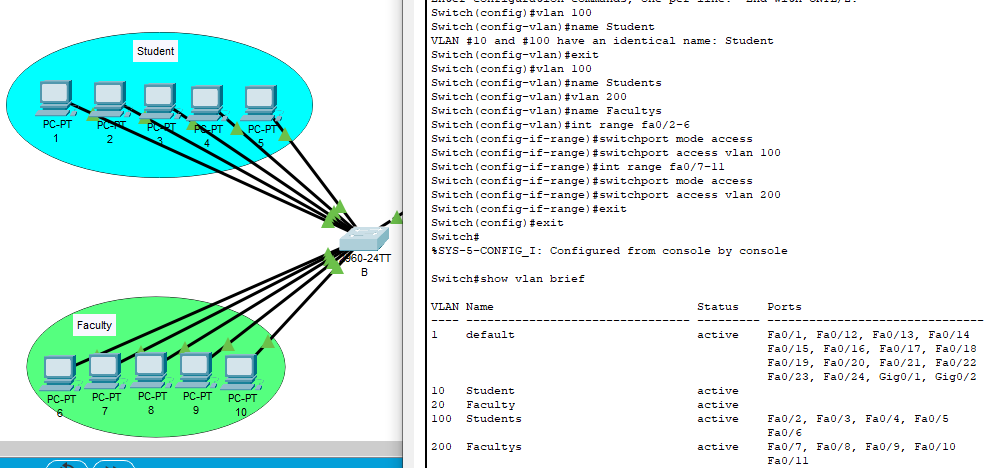
**SWITCH C ENCRYPTED PASSWORD**

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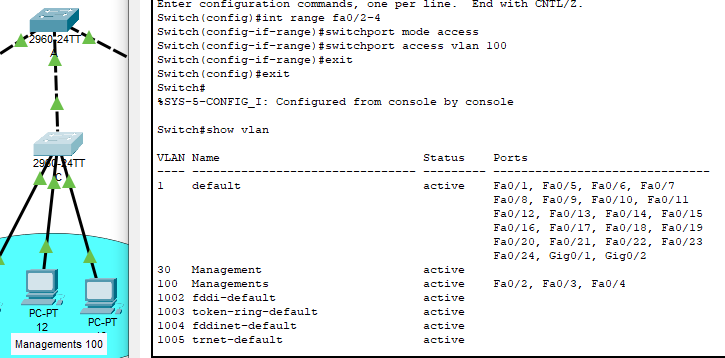
**SWITCH D ENCRYPTED PASSWORD**

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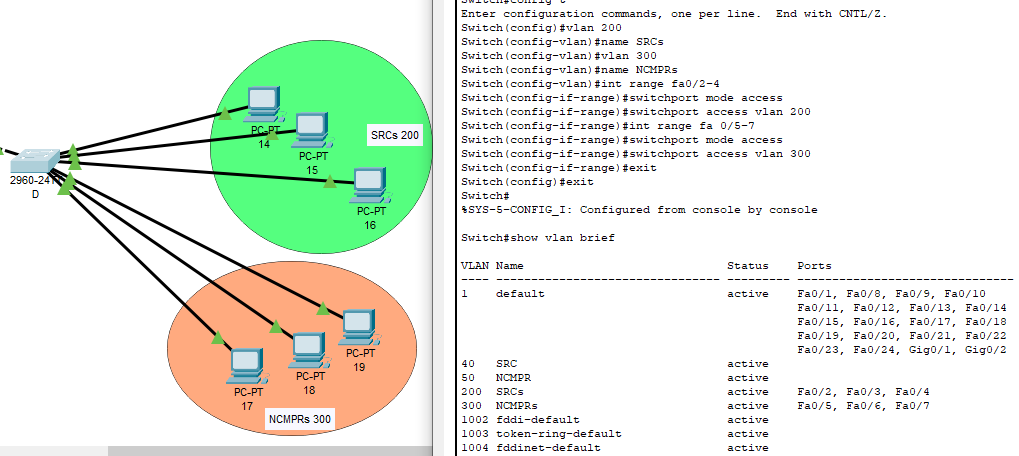
**SWITCH B VLAN CONFIGURATION**

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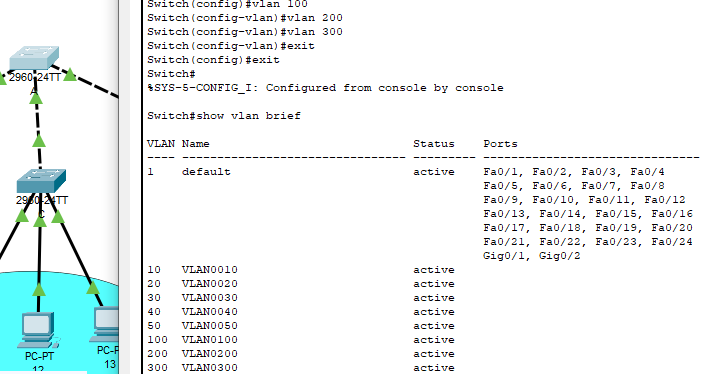
**SWITCH C VLAN CONFIGURATION**

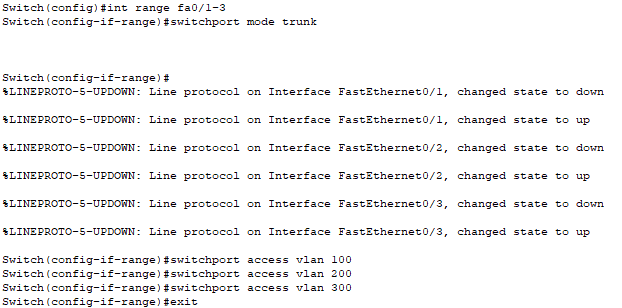
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**SWITCH D VLAN CONFIGURATION**

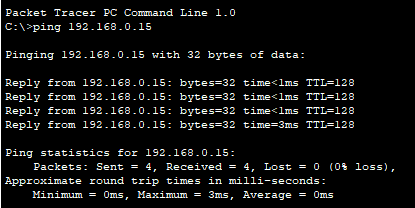


**TRUNK SWITCH A**

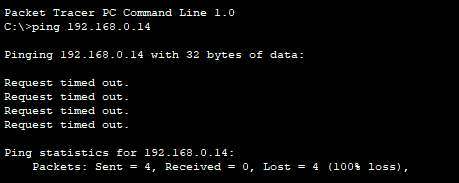




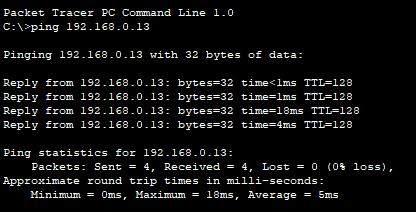
**Faculty to SRC**



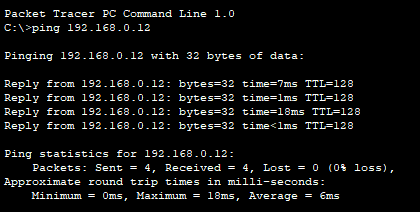
**Student to SRC (Failed)**



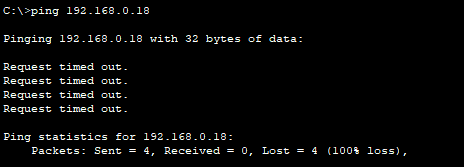
**Student to Management**



**Management to Management**



**Student to NCMPR**

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