

LAPORAN RESMI PRAKTIKUM JARINGAN KOMPUTER



Disusun Oleh :

Nama : Syachira Amanda Dwi P
NIM : 0903058226030
Prodi : Teknik Komputer
Dosen : Adi Hermasyah, S.Kom.,M T

FAKULTAS ILMU KOMPUTER
UNIVERSITAS SRIWIJAYA
PROGRAM STUDI TEKNIK KOMPUTER
PALEMBANG 2024

CONFIGURE INTIAL SWITCH

Step configure intial s1

IOS Command Line Interface

```
no service timestamps debug datetime msec
no service password-encryption
!
hostname s1
!
enable secret 5 $1$mE2r$1Lwq/b7kc.7X/ejA4osn0
enable password c1sc0
!
!
!
!
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id

s1#config t
Enter configuration commands, one per line. End with CNTL/Z.
s1(config)#service password-encryption
s1(config)#exit
s1#
$SYS-S-CONFIG_I: Configured from console by console

s1#config t
Enter configuration commands, one per line. End with CNTL/Z.
s1(config)#banner motd "this is a secure system. authorized access only!"
s1(config)#exit
s1#
$SYS-S-CONFIG_I: Configured from console by console

s1#
s1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
s1#
```

PT Activity: 00:23:58

[OK]

What is the shortest, abbreviated version of the copy running-config startup-config command?
Examine the startup configuration file.
Which command will display the contents of NVRAM?
Are all the changes that were entered recorded in the file?

Part 5: Configure S2

You have completed the configuration on S1. You will now configure S2. If you cannot remember the commands, refer to Parts 1 to 4 for assistance.

Configure S2 with the following parameters:

- Device name: S2
- Protect access to the console using the letmein password.
- Configure an enable password of c1sc0 and an enable secret password of itsasecret.
- Configure an appropriate message to those logging into the switch.
- Encrypt all plain text passwords.
- Ensure that the configuration is correct.
- Save the configuration file to avoid loss if the switch is powered down.

Time Elapsed: 00:23:58 Completion: 43%

☐ Top ☐ Dock 1/1

Realtime Simulation

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit

Step configure intial s2

IOS Command Line Interface

```
!
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id

s2#config t
Enter configuration commands, one per line. End with CNTL/Z.
s2(config)#service password-encryption
s2(config)#exit
s2#
$SYS-S-CONFIG_I: Configured from console by console

s2#config t
Enter configuration commands, one per line. End with CNTL/Z.
s2(config)#banner motd "this is a secure system. authorized access only!"
s2(config)#exit
s2#
$SYS-S-CONFIG_I: Configured from console by console

s2#copy running-config startup-config
Destination filename [startup-config]?[Enter]
Building configuration...
[OK]
s2#config t
Enter configuration commands, one per line. End with CNTL/Z.
s2(config)#host S2
S2(config)#
```

PT Activity: 00:37:10

s2# copy running-config startup-config
Destination filename [startup-config]?[Enter]
Building configuration...
[OK]

What is the shortest, abbreviated version of the copy running-config startup-config command?
Examine the startup configuration file.
Which command will display the contents of NVRAM?
Are all the changes that were entered recorded in the file?

Part 5: Configure S2

You have completed the configuration on S1. You will now configure S2. If you cannot remember the commands, refer to Parts 1 to 4 for assistance.

Configure S2 with the following parameters:

- Device name: S2
- Protect access to the console using the letmein password.
- Configure an enable password of c1sc0 and an enable secret password of itsasecret.
- Configure an appropriate message to those logging into the switch.
- Encrypt all plain text passwords.
- Ensure that the configuration is correct.

Time Elapsed: 00:37:11 Completion: 81%

☐ Top ☐ Dock 1/1

Realtime Simulation

Scenario 0

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit

Kesimpulan untuk mengonfigurasi pengaturan sakelar awal melibatkan memastikan pengaturan parameter dasar yang tepat seperti nama host, alamat IP, subnet mask, dan gateway default. Selain itu, konfigurasi VLAN,

