

Thông tin sinh viên

Võ Anh Kiệt - 20520605

Nguyễn Bảo Phương - 20520704

Cấu hình password

```
!
line con 0
 password 7 070C285F4D06
 login
line vty 0 4
 password 7 110A1016141D
 login
line vty 5 15
 login
!
end
```

Cấu hình Switch S1

```
S1#show running-config
Building configuration...

Current configuration : 1587 bytes
!
! Last configuration change at 13:26:52 UTC Sun Jan 2 2000
! NVRAM config last updated at 13:27:03 UTC Sun Jan 2 2000
!
version 15.2
no service pad
service timestamps debug datetime msec
service timestamps log datetime msec
service password-encryption
!
hostname S1
!
boot-start-marker
boot-end-marker
!
!
enable password 7 070C285F4D06
!
no aaa new-model
!
!
```

Đặt tên vlan

```
S1(config)#vlan 10
S1(config-vlan)#name VLAN10
```

Cấu hình vlan s1

```
S1(config)#interface G0/6
S1(config-if)#switchport mode access
S1(config-if)#switchport access vlan 10
S1(config-if)#show vlan brief
```

Check vlan brief

```
S1#show vlan brief
```

VLAN	Name	Status	Ports
1	default	active	Gi0/1, Gi0/2, Gi0/3, Gi0/4 Gi0/5, Gi0/7, Gi0/8, Gi0/9 Gi0/10, Gi0/11, Gi0/12, Gi0/13 Gi0/14, Gi0/15, Gi0/16, Gi0/17 Gi0/18, Gi0/19, Gi0/20, Gi0/21 Gi0/22, Gi0/23, Gi0/24, Gi0/25 Gi0/26
10	VLAN10	active	Gi0/6
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

Check ip interface brief

```
S1#show ip interface brief
```

Interface	IP-Address	OK?	Method	Status	Protocol
Vlan1	unassigned	YES	unset	up	up
Vlan10	10.10.0.2	YES	manual	up	down
FastEthernet0	unassigned	YES	unset	down	down
GigabitEthernet0/1	unassigned	YES	unset	up	up
GigabitEthernet0/2	unassigned	YES	unset	down	down
GigabitEthernet0/3	unassigned	YES	unset	down	down
GigabitEthernet0/4	unassigned	YES	unset	down	down
GigabitEthernet0/5	unassigned	YES	unset	down	down
GigabitEthernet0/6	unassigned	YES	unset	down	down
GigabitEthernet0/7	unassigned	YES	unset	down	down
GigabitEthernet0/8	unassigned	YES	unset	down	down
GigabitEthernet0/9	unassigned	YES	unset	down	down
GigabitEthernet0/10	unassigned	YES	unset	down	down
GigabitEthernet0/11	unassigned	YES	unset	down	down

Cấu hình vlan 20

VLAN	Name	Status	Ports
1	default	active	Gi0/1, Gi0/2, Gi0/3, Gi0/4 Gi0/5, Gi0/6, Gi0/7, Gi0/8 Gi0/9, Gi0/10, Gi0/11, Gi0/12 Gi0/13, Gi0/14, Gi0/15, Gi0/16 Gi0/17, Gi0/18, Gi0/19, Gi0/20 Gi0/21, Gi0/22, Gi0/23, Gi0/24 Gi0/25, Gi0/26
20	VLAN20	active	
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

Check interface g0/6 s2

VLAN	Name	Status	Ports
1	default	active	Gi0/1, Gi0/2, Gi0/3, Gi0/4 Gi0/5, Gi0/7, Gi0/8, Gi0/9 Gi0/10, Gi0/11, Gi0/12, Gi0/13 Gi0/14, Gi0/15, Gi0/16, Gi0/17 Gi0/18, Gi0/19, Gi0/20, Gi0/21 Gi0/22, Gi0/23, Gi0/24, Gi0/25 Gi0/26
20	VLAN20	active	Gi0/6
1002	fddi-default	act/unsup	
1003	token-ring-default	act/unsup	
1004	fddinet-default	act/unsup	
1005	trnet-default	act/unsup	

S2#

Show ip brief vlan 20

S2#show ip interface brief

Interface	IP-Address	OK?	Method	Status	Protocol
Vlan1	unassigned	YES	unset	up	up
Vlan20	10.20.0.2	YES	manual	up	up
FastEthernet0	unassigned	YES	unset	down	down
GigabitEthernet0/1	unassigned	YES	unset	up	up
GigabitEthernet0/2	unassigned	YES	unset	down	down
GigabitEthernet0/3	unassigned	YES	unset	down	down
GigabitEthernet0/4	unassigned	YES	unset	down	down
GigabitEthernet0/5	unassigned	YES	unset	down	down
GigabitEthernet0/6	unassigned	YES	unset	up	up
GigabitEthernet0/7	unassigned	YES	unset	down	down
GigabitEthernet0/8	unassigned	YES	unset	down	down
GigabitEthernet0/9	unassigned	YES	unset	down	down
GigabitEthernet0/10	unassigned	YES	unset	down	down
GigabitEthernet0/11	unassigned	YES	unset	down	down
GigabitEthernet0/12	unassigned	YES	unset	down	down
GigabitEthernet0/13	unassigned	YES	unset	down	down
GigabitEthernet0/14	unassigned	YES	unset	down	down
GigabitEthernet0/15	unassigned	YES	unset	down	down
GigabitEthernet0/16	unassigned	YES	unset	down	down
GigabitEthernet0/17	unassigned	YES	unset	down	down
GigabitEthernet0/18	unassigned	YES	unset	down	down
GigabitEthernet0/19	unassigned	YES	unset	down	down
GigabitEthernet0/20	unassigned	YES	unset	down	down
GigabitEthernet0/21	unassigned	YES	unset	down	down
GigabitEthernet0/22	unassigned	YES	unset	down	down
GigabitEthernet0/23	unassigned	YES	unset	down	down
GigabitEthernet0/24	unassigned	YES	unset	down	down
GigabitEthernet0/25	unassigned	YES	unset	down	down
GigabitEthernet0/26	unassigned	YES	unset	down	down