

سپهر عبادی ۹۹۳۳۲۴۳

گزارش کار آزمایش سوم

فایل ذخیره شده تمام کانفیگ های انجام شده به صورت زیر است:

```
ALS1#show ru
```

```
Building configuration...
```

```
Current configuration : 1652 bytes
```

```
!
```

```
version 12.2
```

```
no service pad
```

```
service timestamps debug datetime msec
```

```
service timestamps log datetime msec
```

```
no service password-encryption
```

```
!
```

```
hostname ALS1
```

```
!
```

```
boot-start-marker
```

```
boot-end-marker
```

```
!
```

```
!
```

```
no aaa new-model
```

```
system mtu routing 1500
```

```
ip subnet-zero
```

```
!
```

```
!
```

```
no ip domain-lookup
```

!

!

!

!

!

!

spanning-tree mode pvst

spanning-tree etherchannel guard misconfig

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

interface FastEthernet0/1

shutdown

!

interface FastEthernet0/2

shutdown

!

interface FastEthernet0/3

shutdown

!

interface FastEthernet0/4

shutdown

!

interface FastEthernet0/5

shutdown

!

```
interface FastEthernet0/6
shutdown
!
interface FastEthernet0/7
switchport trunk allowed vlan 20,99
switchport mode trunk
!
interface FastEthernet0/8
switchport access vlan 20
switchport mode access
!
interface FastEthernet0/9
shutdown
!
interface FastEthernet0/10
shutdown
!
interface FastEthernet0/11
shutdown
!
interface FastEthernet0/12
shutdown
!
interface FastEthernet0/13
shutdown
!
interface FastEthernet0/14
shutdown
!
```

```
interface FastEthernet0/15
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/16
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/17
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/18
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/19
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/20
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/21
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/22
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/23
```

```
shutdown
```

```
!
```

```
interface FastEthernet0/24
```

```
shutdown
```

```
!  
interface GigabitEthernet0/1  
shutdown  
!  
interface GigabitEthernet0/2  
shutdown  
!  
interface Vlan1  
no ip address  
no ip route-cache  
!  
ip http server  
!  
control-plane  
!  
!  
line con 0  
line vty 5 15  
!  
end
```

```
Command Prompt
> Ping statistics for 172.17.99.101:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\netlab11>
C:\Users\netlab11>ping 172.17.20.22

Pinging 172.17.20.22 with 32 bytes of data:
Reply from 172.17.20.21: Destination host unreachable.
Reply from 172.17.20.21: Destination host unreachable.
Reply from 172.17.20.21: Destination host unreachable.
Reply from 172.17.20.21: Destination host unreachable.

Ping statistics for 172.17.20.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\netlab11>ping 172.17.20.22

Pinging 172.17.20.22 with 32 bytes of data:
Reply from 172.17.20.22: bytes=32 time=1ms TTL=128
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128

Ping statistics for 172.17.20.22:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\netlab11>
```

COM6 - PuTTY

```
ALSl#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
ALSl(config)#vtp mode server
Setting device to VTP SERVER mode
ALSl(config)#vtp version 2
ALSl(config)#vtp mode client
Setting device to VTP CLIENT mode.
ALSl(config)#exit
ALSl#sho
*Mar  1 01:46:20.475: %SYS-5-CONFIG_I: Configured from console by consolew
% Type "show ?" for a list of subcommands
ALSl#show vtp status
VTP Version                : running VTP2
Configuration Revision      : 3
Maximum VLANs supported locally : 255
Number of existing VLANs    : 7
VTP Operating Mode         : Client
VTP Domain Name            : SWLAB
VTP Pruning Mode           : Disabled
VTP V2 Mode                : Enabled
VTP Traps Generation       : Disabled
MD5 digest                 : 0x5F 0xAA 0xCD 0xE0 0x79 0x20 0x94 0x71
Configuration last modified by 0.0.0.0 at 3-1-93 01:46:05
ALSl#
```

Ping statistics for 172.17.99.101:  
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\Users\netlab11>

C:\Users\netlab11>ping 172.17.20.22

Pinging 172.17.20.22 with 32 bytes of data:  
Reply from 172.17.20.21: Destination host unreachable.  
Reply from 172.17.20.21: Destination host unreachable.  
Reply from 172.17.20.21: Destination host unreachable.  
Reply from 172.17.20.21: Destination host unreachable.

Ping statistics for 172.17.20.22:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

C:\Users\netlab11>ping 172.17.20.22

Pinging 172.17.20.22 with 32 bytes of data:  
Reply from 172.17.20.22: bytes=32 time=1ms TTL=128  
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128  
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128  
Reply from 172.17.20.22: bytes=32 time<1ms TTL=128

Ping statistics for 172.17.20.22:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\netlab11>



```
COM6 - PuTTY
Translating "jh"
% Unknown command or computer name, or unable to find computer address
ALS1#
ALS1#
ALS1#
ALS1#
ALS1#show vlan

VLAN Name                Status    Ports
-----
1    default                active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
                                           Fa0/5, Fa0/6, Fa0/9, Fa0/10
                                           Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                           Fa0/15, Fa0/16, Fa0/17, Fa0/18
                                           Fa0/19, Fa0/20, Fa0/21, Fa0/22
                                           Fa0/23, Fa0/24, Gi0/1, Gi0/2

10   Teachers                active
20   student                 active    Fa0/8
99   Management              active
1002 fddi-default            act/unsup
1003 trcrf-default           act/unsup
1004 fddinet-default         act/unsup
1005 trbrf-default           act/unsup

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp    BrdgMode Trans1 Trans2
-----
1    enet     100001    1500  -      -      -      -      -      0      0
10   enet     100010    1500  -      -      -      -      -      0      0
20   enet     100020    1500  -      -      -      -      -      0      0
99   enet     100099    1500  -      -      -      -      -      0      0
--More--
```

• سوال امتیازی هم انجام دادیم که VLAN جدید را ساخته و از طرف ALS1,ALS2 قابل ping گیری بود.

اسامی هم گروهی :

نصرتی

خراسانی

کتابچی

کریمی