

思科认证辅导:思科2950交换机VLAN划分Cisco认证考试 PDF  
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[https://www.100test.com/kao\\_ti2020/585/2021\\_2022\\_\\_E6\\_80\\_9D\\_E7\\_A7\\_91\\_E8\\_AE\\_A4\\_E8\\_c101\\_585033.htm](https://www.100test.com/kao_ti2020/585/2021_2022__E6_80_9D_E7_A7_91_E8_AE_A4_E8_c101_585033.htm) 首先配置一下交换机

```
SC-2950gt.en SC-2950#conf t Enter configuration commands,
one per line. End with CNTL/Z. SC-2950(config)#config-register
0x2102 SC-2950(config)#end 添加三个VLAN SC-2950#vlan data
SC-2950(vlan)#vlan 10 name v1 VLAN 10 added: Name: v1
SC-2950(vlan)#vlan 20 name v2 VLAN 20 added: Name: v2
SC-2950(vlan)#vlan 30 name v3 VLAN 30 added: Name: v3
SC-2950(vlan)#exit APPLY completed. Exiting.... SC-2950# 划分接
口到各个VLAN SC-2950#conf t Enter configuration commands,
one per line. End with CNTL/Z. SC-2950(config)#int fa0/1 //留给
管理员 SC-2950(config-if)#switchport mode access
SC-2950(config-if)#sw acc vlan 10 SC-2950(config-if)#no shutdown
SC-2950(config-if)#exit SC-2950(config)#int range f0/2 - 15
SC-2950(config-if-range)#sw mode acc
SC-2950(config-if-range)#sw acc vlan 20
SC-2950(config-if-range)#no sh SC-2950(config-if-range)#exit
SC-2950(config)#int range f0/16 - 24 SC-2950(config-if-range)#sw
mode acc SC-2950(config-if-range)#sw acc vlan 30
SC-2950(config-if-range)#no sh SC-2950(config-if-range)#exit 激
活VLAN,并且给VLAN 10加个IP以便管理 SC-2950(config)#int
vlan 10 SC-2950(config-if)#ip add 192.168.1.1 255.255.255.0
SC-2950(config-if)#no sh SC-2950(config-if)#exit
SC-2950(config)#int vlan 20 SC-2950(config-if)#no sh
```

```
SC-2950(config-if)#exit SC-2950(config)#int vlan 30
SC-2950(config-if)#no sh SC-2950(config-if)#exit 将交换机指向
网关 SC-2950(config)#ip default-gateway 192.168.1.254
SC-2950(config)#end SC-2950# 检测配置 SC-2950#sh vlan brief
VLAN Name Status Ports ----- 1
default active 10 v1 active Fa0/1 20 v2 active Fa0/2, Fa0/3,
Fa0/4,Fa0/5 Fa0/6, Fa0/7, Fa0/8,Fa0/9 Fa0/10, Fa0/11, Fa0/12,Fa0/13
Fa0/14, Fa0/15 30 v3 active Fa0/16, Fa0/17, Fa0/18, Fa0/19 Fa0/20,
Fa0/21, Fa0/22, Fa0/23 Fa0/24 SC-2950#sh ip int b Interface
IP-Address OK? Method Status Prot ocol FastEthernet0/23
unassigned YES unset up down FastEthernet0/24 unassigned YES
unset up down Vlan1 unassigned YES unset up down Vlan10
192.168.1.1 YES manual up up Vlan20 unassigned YES unset up up
Vlan30 unassigned YES unset up down SC-2950#sh run Building
configuration... Current configuration : 1482 bytes ... ! interface
FastEthernet0/24 switchport access vlan 30 ! interface Vlan1 no ip
address ! interface Vlan10 ip address 192.168.1.1 255.255.255.0 !
interface Vlan20 no ip address ! interface Vlan30 no ip address ! ip
default-gateway 192.168.1.254 ip http server ! ... 保存配置
SC-2950#write Building configuration... [OK] 更多优质资料尽在
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