# 交换路由无线网关设备配置

# 答题卡（样卷3）

要求：使用指令查看运行状态，使用FSCapture软件截图，将结果截图插入到文档中。

备注1：答题卡中如整个大题没有截图则整个大题不得分，未截图或**截图不完整不清晰**，则不给分。

备注2：本部分满分350分。

## VSU（55分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| VSU#show switch virtual | 5 |
|  |  |
| VSU#show switch virtual dual-active bfd | 5 |
|  |  |
| VSU#show ssh （终端远程SSH登录S1设备后收集信息） | 5 |
|  |  |
| VSU#show run | include snmp | 5 |
|  |  |
| VSU#show ip verify source interface gigabitEthernet 0/9 （VLAN10终端连接Gi0/9接口获取地址后收集信息） | 5 |
|  |  |
| VSU#show run interface gigabitEthernet 1/0/20（查看终端接口VLAN、生成树、DHCP相关配置） | 5 |
|  |  |
| VSU#show interface switchport | include TRUNK（查看Trunk接口VLAN修剪信息） | 5 |
|  |  |
| VSU#show cpu-protect type arp（查看CPP配置信息） | 5 |
|  |  |
| VSU#show nfpp arp-guard summary | 5 |
|  |  |
| VSU#show spanning-tree mst 2 interface GIgabitEthernet 1/0/24（查看聚合口生成树端口角色） | 5 |
|  |  |
| Ipconfig/all（省行PC连接VLAN10接口获取IPV4与IPV6地址收集信息） | 5 |
|  |  |

## S3（25分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| S3#show vrrp brief | 5 |
|  |  |
| S3#show interface aggregateport 1 | include bndl | 5 |
|  |  |
| S3#show run interface gigabitEthernet 0/1 | include spanning-tree | 5 |
|  |  |
| S3#show ip route ospf | include E1 | 5 |
|  |  |
| S3#traceroute 100.1.1.1 source 192.1.10.252 | 5 |
|  |  |

## S4（30分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| S4#show ip route ospf | include E1 | 5 |
|  |  |
| S4#show ipv6 vrrp brief | 10 |
|  |  |
| S4#traceroute 101.1.1.1 source 192.1.60.253 | 5 |
|  |  |
| S4#traceroute 194.1.60.254 source 192.1.60.253 | 5 |
|  |  |
| S4#traceroute 195.1.60.254 source 192.1.60.253 | 5 |
|  |  |

## S1（25分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| S1#show ip ospf neighbor | 10 |
|  |  |
| S1#show bfd neighbors | 5 |
|  |  |
| S1#show ip route ospf | include 192.1.60.0 | 5 |
|  |  |
| S1#show ip route | include O\*E1 | 5 |
|  |  |

## S2（25分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| S2#show ip route ospf | include 192.1.10.0 | 10 |
|  |  |
| S2#show ip route | include O\*E1 | 5 |
|  |  |
| S2#show ipv6 ospf neighbor | 10 |
|  |  |

## R1（15分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| R1#show ipv6 route | include 2001:192: | 10 |
|  |  |
| R1#show crypto isakmp sa | 5 |
|  |  |

## R2（15分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| R2#show ip interface brief | 5 |
|  |  |
| R2#show crypto ipsec sa | 10 |
|  |  |

## R3（30分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| R3#show ipv6 route | 10 |
|  |  |
| R3#show ip nat translations（PC连接产融AP2无线获取地址后，在PC本地telnet 101.3.1.5 58888 成功后收集信息 ） | 10 |
|  |  |
| R3#show crypto ipsec transform-set | 10 |
|  |  |

## S7（30分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| S7#show version（版本升级后收集信息） | 10 |
|  |  |
| S7#show interface description | include Con\_To（查看设备端口描述及主机命名信息） | 5 |
|  |  |
| S7#ping 192.1.60.254 source 195.1.60.254 | 5 |
|  |  |
| S7#show ipv6 route static | 10 |
|  |  |

## VAC（50分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| VAC#show capwap state | 5 |
|  |  |
| VAC#show ac-config client（无线终端关联实训基地AP2 SSID成功后收集信息，查看用户IP，VLAN及加密方式） | 5 |
|  |  |
| VAC#show ac-config client（无线终端关联云数据中心AP3 SSID成功后收集信息，查看用户IP，VLAN及加密方式） | 5 |
|  |  |
| VAC#show web-auth user all（无线终端关联校本部AP1 SSID，通过user2认证成功后收集信息） | 5 |
|  |  |
| VAC#show virtual-ac | 5 |
|  |  |
| VAC#show virtual-ac dual-active bfd | 5 |
|  |  |
| VAC#show wlan-config cb 1 | 5 |
|  |  |
| VAC#show ap-config running **AP1名称**（查看AP1的配置信息） | 5 |
|  |  |
| VAC#show run | include user-isolation | 5 |
|  |  |
| VAC#show run | include disabled | 5 |
|  |  |

## EG1（25分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| EG1#show web-auth user all（PC连接VLAN10接口，通过user1账户认证成功后收集信息） | 5 |
|  |  |
| EG1#show run | include channel-group WEB | 5 |
|  |  |
| EG1#show content-policy | 5 |
|  |  |
| EG1#show sslvpn session username | 10 |
|  |  |

## EG2（25分）

|  |  |
| --- | --- |
| 评分要点 | 分值 |
| EG2#show run | include channel-group R1 | 5 |
|  |  |
| EG2#show run | include channel-group R2 | 5 |
|  |  |
| EG2#show run | include channel-group R3 | 5 |
|  |  |
| ISP-EG2000-EG2#show ip route | 5 |
|  |  |
| EG2#show content-object | 5 |
|  |  |

**无线网络勘测设计**

**答题卡**

要求：使用FSCapture截图软件进行截图，将输入结果截图插入到文档中。

备注1：在答题卡中，如果整个大题没有截图，则整个大题不得分；未使用抓图工具截图的或**截图不完整不清晰**，则不得分。

备注2：地勘部分满分50分。

### 无线地勘

|  |
| --- |
| 1、AP点位规划设计 |
| 此处插入AP点位设计图 |
| 2、无线热图 |
| 此处插入无线热图 |
| 3、无线设备清单和价格 |
| 无线设备清单和价格   |  |  |  |  | | --- | --- | --- | --- | | **网络设备型号** | **单价** | **数量** | **总价** | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | | **总价** | | |  | |

### 网络系统集成工勘

|  |
| --- |
| 1、无线网络水平布线图 |
| 此处插入无线网络水平布线图 |
| 2、机柜安装示意图 |
| 此处插入机柜安装示意图 |
| 3、网络配线架标签表 |
| 网络配线架标签表   |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |  |  |  |  |  |  |  |  |  |  |  |  | | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | |  |  |  |  |  |  |  |  |  |  |  |  | |
| 4、系统集成物料清单 |
| **系统集成物料清单**   |  |  |  | | --- | --- | --- | | **物料名称** | **单 位** | **数 量** | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |