

模块 C: 网络构建答题卡 (C-2)

VSU 设备收集信息 (40 分)

VSU#show switch virtual	6 分																												
<div>VSU#show switch virtual</div> <table><tr><th>Switch_id</th><th>Domain_id</th><th>Priority</th><th>Position</th><th>Status</th><th>Role</th><th>Description</th></tr><tr><td colspan="7">-----</td></tr><tr><td>1(1)</td><td>1(1)</td><td>150(150)</td><td>LOCAL</td><td>OK</td><td>ACTIVES1</td><td></td></tr><tr><td>2(2)</td><td>1(1)</td><td>120(120)</td><td>REMOTE</td><td>OK</td><td>STANDBYS2</td><td></td></tr></table>	Switch_id	Domain_id	Priority	Position	Status	Role	Description	-----							1(1)	1(1)	150(150)	LOCAL	OK	ACTIVES1		2(2)	1(1)	120(120)	REMOTE	OK	STANDBYS2		标黄处每处 1 分。
Switch_id	Domain_id	Priority	Position	Status	Role	Description																							

1(1)	1(1)	150(150)	LOCAL	OK	ACTIVES1																								
2(2)	1(1)	120(120)	REMOTE	OK	STANDBYS2																								
VSU#show switch virtual dual-active bfd	4 分																												
<div>VSU#show switch virtual dual-active bfd</div> <div>BFD dual-active detection enabled: Yes</div> <div>BFD dual-active interface configured:</div> <div>GigabitEthernet 1/0/48: UP</div> <div>GigabitEthernet 2/0/48: UP</div>	Yes 得 2 分 端口正确，全 up 得 2 分																												
VSU#show ip ospf neighbor	5 分																												
<div>VSU#show ip ospf neighbor</div> <div>OSPF process 10, 2 Neighbors, 2 is Full:</div> <table><tr><th>Neighbor ID</th><th>Pri</th><th>State</th><th>BFD State</th><th>Dead Time</th><th>Address</th><th>Interface</th></tr><tr><td>10.1.0.10</td><td>1</td><td>Full/ -</td><td>-</td><td>00:00:35</td><td>10.1.0.10</td><td>VLAN 200</td></tr><tr><td>172.16.100.2</td><td>1</td><td>Full/ -</td><td>-</td><td>00:00:32</td><td>172.16.100.2</td><td>VLAN 100</td></tr></table>	Neighbor ID	Pri	State	BFD State	Dead Time	Address	Interface	10.1.0.10	1	Full/ -	-	00:00:35	10.1.0.10	VLAN 200	172.16.100.2	1	Full/ -	-	00:00:32	172.16.100.2	VLAN 100	每行标黄处完全匹配 得 2.5 分							
Neighbor ID	Pri	State	BFD State	Dead Time	Address	Interface																							
10.1.0.10	1	Full/ -	-	00:00:35	10.1.0.10	VLAN 200																							
172.16.100.2	1	Full/ -	-	00:00:32	172.16.100.2	VLAN 100																							

VSU#show aggregatePort summary	6 分
VSU#show aggregatePort summary AggregatePort MaxPorts SwitchPort Mode Load balance Ports ----- Ag1 8 Enabled TRUNK src-dst-mac Gi1/0/1 ,Gi2/0/1 Ag2 8 Enabled TRUNK src-dst-mac Gi1/0/2 ,Gi2/0/2 Ag3 8 Enabled TRUNK src-dst-mac Gi1/0/4 ,Gi2/0/3	每行标黄处完全匹配 得 2 分
VSU#show interface status include up 30 (注意 up 与 30 有空格, 可直接复制粘帖到设备中收集信息)	10 分
VSU#show interface status include up 30 Interface Status Vlan Duplex Speed Type ----- GigabitEthernet 1/0/3 up 30 Full 1000M copper GigabitEthernet 2/0/4 up 30 Full 1000M copper	每行标黄处完全匹配 得 5 分
VSU#show ip interface brief	4 分
VSU#show ip interface brief Interface IP-Address (Pri) IP-Address (Sec) Status Protocol Loopback 0 10.0.0.12/32 no address up up VLAN 10 172.16.10.254/24 no address up up VLAN 100 172.16.100.254/24 no address up up VLAN 200 10.1.0.9/30 no address up up	每行标黄处完全匹配 得 1 分
VSU#show ip route include 172.17.20.0	5 分

VSU#show ip route include 172.17.20.0	标黄处完全匹配得5分
Running this command may take some time, please wait or press "Ctrl+C" to break.	
0 A172.17.20.0/24 [110/4] via 10.1.0.10, 09:26:00, VLAN 200	

S3 设备收集信息（30 分）

S3#show vrrp brief									10 分
S3#show vrrp brief									每行标黄处完全匹配 得 2 分
Interface	Grp	Pri	timer	Own	Pre	State	Master addr	Group addr	
VLAN 10	10	120	3.53	-	P	Backup	172.17.10.253	172.17.10.254	
VLAN 20	20	120	3.53	-	P	Backup	172.17.20.253	172.17.20.254	
VLAN 30	30	120	3.53	-	P	Backup	172.17.30.253	172.17.30.254	
VLAN 40	40	120	3.53	-	P	Backup	172.17.40.253	172.17.40.254	
VLAN 100	100	120	3.53	-	P	Backup	172.17.100.253	172.17.100.254	
S3#show ipv6 vrrp brief									20 分
S3#show ipv6 vrrp brief									每行标黄处完全匹配 得 5 分
Interface	Grp	Pri	timer	Own	Pre	State	Master addr	Group addr	
VLAN 10	10	120	3.53	-	P	Backup	FE80::320D:9EFF:FE50:C03C	FE80::4	
VLAN 20	20	120	3.53	-	P	Backup	FE80::320D:9EFF:FE50:C03C	FE80::4	
VLAN 30	30	120	3.53	-	P	Backup	FE80::320D:9EFF:FE50:C03C	FE80::4	
VLAN 40	40	120	3.53	-	P	Backup	FE80::320D:9EFF:FE50:C03C	FE80::4	

S4 设备收集信息（20 分）

S4#show ip ospf neighbor	4 分														
S4#show ip ospf neighbor OSPF process 30, 1 Neighbors, 1 is Full: <table><tr><td>Neighbor ID</td><td>Pri</td><td>State</td><td>Dead Time</td><td>Address</td><td>Interface</td></tr><tr><td>10.0.0.1</td><td>1</td><td>Full/ -</td><td>00:00:33</td><td>10.1.0.6</td><td>GigabitEthernet 0/24</td></tr></table>	Neighbor ID	Pri	State	Dead Time	Address	Interface	10.0.0.1	1	Full/ -	00:00:33	10.1.0.6	GigabitEthernet 0/24	标黄处完全匹配得 4 分		
Neighbor ID	Pri	State	Dead Time	Address	Interface										
10.0.0.1	1	Full/ -	00:00:33	10.1.0.6	GigabitEthernet 0/24										
S4#show ip ospf interface vlan 10 include Hellos	5 分														
S4#show ip ospf interface vlan 10 include Hellos No Hellos (Passive interface)	标黄处完全匹配得 5 分														
S4#show interface switchport include TRUNK	6														
S4#show interface switchport include TRUNK <table><tr><td>GigabitEthernet 0/1</td><td>enabled</td><td>TRUNK</td><td>1</td><td>1</td><td>Disabled</td><td>10, 20, 30, 40, 100</td></tr><tr><td>AggregatePort 1</td><td>enabled</td><td>TRUNK</td><td>1</td><td>1</td><td>Disabled</td><td>10, 20, 30, 40, 100</td></tr></table>	GigabitEthernet 0/1	enabled	TRUNK	1	1	Disabled	10, 20, 30, 40, 100	AggregatePort 1	enabled	TRUNK	1	1	Disabled	10, 20, 30, 40, 100	每行标黄处完全匹配得 3 分
GigabitEthernet 0/1	enabled	TRUNK	1	1	Disabled	10, 20, 30, 40, 100									
AggregatePort 1	enabled	TRUNK	1	1	Disabled	10, 20, 30, 40, 100									
S4#show ip route include 172.18.20.0	5 分														
S4#show ip route include 172.18.20.0 Running this command may take some time, please wait or press "Ctrl+C" to break. 0 IA172.18.20.0/24 [110/5] via 10.1.0.6, 09:52:03, GigabitEthernet 0/24	标黄处完全匹配得 5 分														

S5 设备收集信息（15 分）

S5#show interface gigabitEthernet 0/1 be Bridge attributes	9 分
S5#show interface gigabitEthernet 0/1 be Bridge attributes Bridge attributes: Port-type: trunk Native vlan: 10 Allowed vlan lists: 10,20 Active vlan lists: 10,20 	标黄处每处 3 分。
S5#show ip ospf neighbor	6 分
S5#show ip ospf neighbor OSPF process 40, 1 Neighbors, 1 is Full: Neighbor ID Pri State Dead Time Address Interface 10.0.0.2 1 Full/- 00:00:37 10.1.0.14 GigabitEthernet 0/24	标黄处完全匹配得 6 分

S6 设备收集信息（40 分）

S6#show run interface gigabitEthernet 0/13	12 分
S6#show run interface gigabitEthernet 0/13 Building configuration... Current configuration: 214 bytes interface GigabitEthernet 0/13 errdisable recovery interval 300 switchport protected switchport access vlan 40 spanning-tree bpduguard enable spanning-tree portfast rldp port loop-detect shutdown-port	每行标黄处完全匹配 得 2 分
S6#show spanning-tree mst configuration	8 分
S6#show spanning-tree mst configuration Multi spanning tree protocol : Enable Name : ruijie Revision : 1 Instance Vlans Mapped ----- 0 : ALL -----	每行标黄处完全匹配 得 4 分

S6#show spanning-tree summary include Gi0/23	10 分
S6#show spanning-tree summary include Gi0/23 Gi0/23 Altn BLK 20000 128 False P2p	标黄处完全匹配得 10 分
S6#show ip dhcp snooping binding （PC 连接交换机 13 端口自动获取地址后收集信息）	6 分
S6#show ip dhcp snooping binding Total number of bindings: 1 NO. MACADDRESS IPADDRESS LEASE (SEC) TYPE VLAN INTERFACE ----- 1 f875. a43a. 32ae 172. 17. 40. 1 86384 DHCP-Snooping 40 GigabitEthernet 0/13	每行标黄处完全匹配 6 分
ping 2001:193:20::254 （PC 连接交换机 13 端口自动获取地址后收集信息）	4 分
正在 Ping 2001:193:20::254 具有 32 字节的数据： 来自 2001:193:20::254 的回复：时间=2ms 来自 2001:193:20::254 的回复：时间=2ms 来自 2001:193:20::254 的回复：时间=2ms 来自 2001:193:20::254 的回复：时间=2ms 2001:193:20::254 的 Ping 统计信息： 数据包：已发送 = 4，已接收 = 4，丢失 = 0 （0% 丢失）， 往返行程的估计时间(以毫秒为单位)： 最短 = 2ms，最长 = 2ms，平均 = 2ms	可 Ping 通得 4 分

S7 设备收集信息（15 分）

S7#show interface gigabitEthernet 0/1 switchport	5 分																					
<div>S7#show interface gigabitEthernet 0/1 switchport</div> <table><tr><td>Interface</td><td>Switchport</td><td>Mode</td><td>Access</td><td>Native</td><td>Protected</td><td>VLAN lists</td></tr><tr><td colspan="7">-----</td></tr><tr><td>GigabitEthernet 0/1</td><td>enabled</td><td>TRUNK</td><td>1</td><td>10</td><td>Disabled</td><td>10, 20</td></tr></table>	Interface	Switchport	Mode	Access	Native	Protected	VLAN lists	-----							GigabitEthernet 0/1	enabled	TRUNK	1	10	Disabled	10, 20	标黄处完全匹配得 5 分
Interface	Switchport	Mode	Access	Native	Protected	VLAN lists																

GigabitEthernet 0/1	enabled	TRUNK	1	10	Disabled	10, 20																
S7#show run include snmp	5 分																					
<div>S7#show run include snmp</div> <div>snmp-server host 172.16.0.254 traps version 2c Test</div> <div>snmp-server host 172.16.0.254 traps version 2c public</div> <div>snmp-server enable traps</div> <div>snmp-server community Test rw</div> <div>snmp-server community public ro</div>	每行完全匹配得 1 分																					
S7#show run include password	5 分																					
<div>S7#sh run include password</div> <div>username admin password 7 1014162a0c1c</div> <div>service password-encryption</div> <div>enable password 7 073f07221c1c</div> <div>password 7 073f07221c1c</div>	密码为加密方式得 5 分																					

R1 设备收集信息（50 分）

R1#show mpls ldp neighbor all include Peer LDP Ident	10 分																														
R1#show mpls ldp neighbor all include Peer LDP Ident Peer LDP Ident: 11.1.0.3:0; Local LDP Ident: 11.1.0.1:0 Peer LDP Ident: 11.1.0.2:0; Local LDP Ident: 11.1.0.1:0	每行标黄处完全匹配 得 5 分																														
R1#show bgp vpnv4 unicast all summary	10 分																														
R1#show bgp vpnv4 unicast all summary BGP router identifier 11.1.0.1, local AS number 100 BGP VRF (Global VRF) Route Distinguisher: (none) BGP table version is 4 1 BGP AS-PATH entries 0 BGP Community entries 17 BGP Prefix entries (Maximum-prefix:4294967295) <table><tr><td>Neighbor</td><td>V</td><td>AS</td><td>MsgRcvd</td><td>MsgSent</td><td>TblVer</td><td>InQ</td><td>OutQ</td><td>Up/Down</td><td>State/PfxRcd</td></tr><tr><td>11.1.0.2</td><td>4</td><td>100</td><td>202</td><td>208</td><td>4</td><td>0</td><td>0</td><td>02:53:33</td><td>11</td></tr><tr><td>11.1.0.3</td><td>4</td><td>100</td><td>202</td><td>209</td><td>4</td><td>0</td><td>0</td><td>02:53:35</td><td>6</td></tr></table> Total number of neighbors 2	Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down	State/PfxRcd	11.1.0.2	4	100	202	208	4	0	0	02:53:33	11	11.1.0.3	4	100	202	209	4	0	0	02:53:35	6	每行标黄处完全匹配 得 5 分
Neighbor	V	AS	MsgRcvd	MsgSent	TblVer	InQ	OutQ	Up/Down	State/PfxRcd																						
11.1.0.2	4	100	202	208	4	0	0	02:53:33	11																						
11.1.0.3	4	100	202	209	4	0	0	02:53:35	6																						
R1#show ip vrf detail	10 分																														
R1#show ip vrf detail VRF VPNA (VRF ID = 1); default RD 100:1 Interfaces:	每处标黄处完全匹配 得 2.5 分																														

VLAN 200 VRF Table ID = 1 Export VPN route-target communities RT: 1:1 Import VPN route-target communities RT: 1:1	
R1#show ip route vrf VPNA ospf include 172.16.100.0/24	5 分
R1#show ip route vrf VPNA ospf include 172.16.100.0/24 0 172.16.100.0/24 [110/2] via 10.1.0.9, 04:43:23, VLAN 200	标黄处完全匹配得 5 分
R1#show ip route vrf VPNA bgp include 172.17.20.0/24	5 分
R1#show ip route vrf VPNA bgp include 172.17.20.0/24 B 172.17.20.0/24 [200/3] via 11.1.0.2, 04:42:29	标黄处完全匹配得 5 分
R1#show ip route vrf VPNA bgp include 172.18.20.0/24	5 分
R1#show ip route vrf VPNA bgp include 172.18.20.0/24 B 172.18.20.0/24 [200/3] via 11.1.0.3, 04:42:38	标黄处完全匹配得 5 分
R1#show mpls forwarding-table include PP	5 分
R1#show mpls forwarding-table include PP PP--POP label 1536 imp-null PP 11.1.0.2/32 Gi0/0 12.1.1.2 1537 imp-null PP 11.1.0.3/32 Gi0/1 13.1.1.2	每行标黄处完全匹配得 2.5 分

R2 设备收集信息（20 分）

R2#show mpls forwarding-table detail begin 172.18.20.0/24	5 分
R2#show mpls forwarding-table detail begin 172.18.20.0/24 -- 1024 PH 172.18.20.0/24(V) Gi0/1 12.1.1.1 Added by Route(vrf VPNA), Tag Stack: { 1024 1537 } 	标黄处为双标签得 5 分（数值不限制）
R2#show ip ospf neighbor	15 分
R2#show ip ospf neighbor OSPF process 20, 1 Neighbors, 1 is Full:---5 分 Neighbor ID Pri State BFD State Dead Time Address Interface 11.1.0.1 1 Full/ - - 00:00:37 12.1.1.1 GigabitEthernet 0/1-----2 分 OSPF process 30, 1 Neighbors, 1 is Full:-----5 分 Neighbor ID Pri State BFD State Dead Time Address Interface 10.0.0.1 1 Full/ - - 00:00:34 10.1.0.17 GigabitEthernet 0/0----3 分	标黄处完全匹配

R3 设备收集信息（20 分）

R3#show mpls forwarding-table include PI	5 分
R3#show mpls forwarding-table include PI PI--POP label and do ip lookup forward 1024 -- PI VRF (VPNA) -- 0.0.0.0	标黄处完全匹配得 5 分
R3#show ip ref route vrf VPNA 172.18.20.0 255.255.255.0	5 分
R3#show ip ref route vrf VPNA 172.18.20.0 255.255.255.0 Codes: * - default route # - zero route R - recursive route ip mask weight path-id next-hop(R) interface 172.18.20.0 255.255.255.0 1 11 10.1.0.21 GigabitEthernet 0/0	标黄处完全匹配得 5 分
R3#traceroute mpls ipv4 11.1.0.2/32	10 分
R3#traceroute mpls ipv4 11.1.0.2/32 Tracing MPLS Label Switched Path to 11.1.0.2/32, timeout is 2 seconds Codes: '!' - success, 'Q' - request not sent, '.' - timeout, 'L' - labeled output interface, 'B' - unlabeled output interface, 'D' - DS Map mismatch, 'F' - no FEC mapping, 'f' - FEC mismatch, 'M' - malformed request, 'm' - unsupported tlvs, 'N' - no label entry, 'P' - no rx intf label prot, 'p' - premature termination of LSP, 'R' - transit router, 'I' - unknown upstream index,	标黄处完全匹配得 10 分

'X' - unknown return code, 'x' - return code 0

Press Ctrl+C to break.

0 13.1.1.2 MRU 1530 [Labels: 1536 Exp: 0]

L 1 13.1.1.1 MRU 1530 [Labels: implicit-null Exp: 0] 10 ms

! 2 12.1.1.2 <1 ms

VAC 设备收集信息（50 分）

VAC#show virtual-ac	10 分						
VAC#show virtual-ac	每行标黄处完全匹配						
Device_id Domain_id Priority Position Status Role Conn_swid Description	得 5 分						

1 (1)	1 (1)	150 (150)	LOCAL	OK	ACTIVE	1 (1)	AC1
2 (2)	1 (1)	120 (120)	REMOTE	OK	STANDBY	1 (1)	AC2
VAC#show cap stat	5 分						
VAC#show cap stat	标黄处完全匹配						
CAPWAP tunnel state, 3 peers, 3 is run:							
Index	Peer IP	Port	State	Mac Address			
1	172.17.10.1	10000	Run	300d.9e86.74ca (2 分)			
2	172.18.10.1	10000	Run	8005.88da.ad61 (2 分)			
3	172.16.10.1	10000	Run	8005.88da.abc5 (1 分)			
VAC#show wlan-config cb 1	5 分						
VAC#show wlan-config cb 1							
WLAN ID..... 1							
SSID..... Test-GZ_XX							
Profile.....							
MAC Mode..... Local							
Tunnel Mode..... Local Bridging							

VAC#show wlan security 1 include WPA version	5 分
VAC#show wlan security 1 include WPA version WPA version : RSN(WPA2)	标黄处完全匹配得 5 分
VAC#show run include wlan-based	5 分
VAC#show run include wlan-based wlan-based per-user-limit down-streams average-data-rate 800 burst-data-rate 1600	标黄处完全匹配得 5 分
VAC#show run include disabled	5 分
VAC#sh run include disabled 802.11g network rate 1 disabled 802.11g network rate 2 disabled 802.11g network rate 5 disabled 802.11b network rate 1 disabled 802.11b network rate 2 disabled 802.11b network rate 5 disabled 802.11a network rate 6 disabled 802.11a network rate 9 disabled	每行标黄处完全匹配得 1 分
tracert 172.16.20.254 (无线用户关联 Test-GZ_XX 成功后, 在 PC 端收集)	5 分
C:\Users\Lenovo>tracert 172.16.20.254 通过最多 30 个跃点跟踪到 172.16.20.254 的路由 1 3 ms 3 ms 5 ms 172.17.20.253 2 10 ms 2 ms 2 ms 10.1.0.6 3 3 ms 3 ms 3 ms 10.1.0.18 4 6 ms 5 ms 5 ms 10.1.0.10 5 4 ms 4 ms 9 ms 10.1.0.9	下一跳 IP 地址完全匹配得 5 分

6 6 ms 4 ms 3 ms 172.16.20.254 跟踪完成。	
tracert 172.17.20.254（无线用户关联 Test-JL_XX 成功后，在 PC 端收集）	5 分
C:\Users\Lenovo>tracert 172.17.20.254 通过最多 30 个跃点跟踪到 172.17.20.254 的路由 1 4 ms 4 ms 5 ms 172.18.20.254 2 4 ms 3 ms 3 ms 10.1.0.14 3 3 ms 4 ms 4 ms 10.1.0.22 4 5 ms 5 ms 8 ms 13.1.1.1 5 6 ms 5 ms 3 ms 10.1.0.18 6 3 ms 2 ms 3 ms 10.1.0.17 7 8 ms 6 ms 8 ms 172.17.20.254 跟踪完成。	下一跳 IP 地址完全匹配得 5 分
tracert 172.18.20.254（无线用户关联 Test-BJ_XX 成功后，在 PC 端收集）	5 分
C:\Users\Lenovo>tracert 172.18.20.254 通过最多 30 个跃点跟踪到 172.18.20.254 的路由 1 6 ms 5 ms 18 ms 172.16.20.254 2 6 ms 4 ms 5 ms 172.16.100.254 3 31 ms 19 ms 177 ms 10.1.0.10 4 3 ms 2 ms 2 ms 10.1.0.22 5 4 ms 6 ms 4 ms 10.1.0.21 6 11 ms 12 ms 7 ms 172.18.20.254 跟踪完成。	下一跳 IP 地址完全匹配得 5 分

EG1 设备收集信息（10 分）

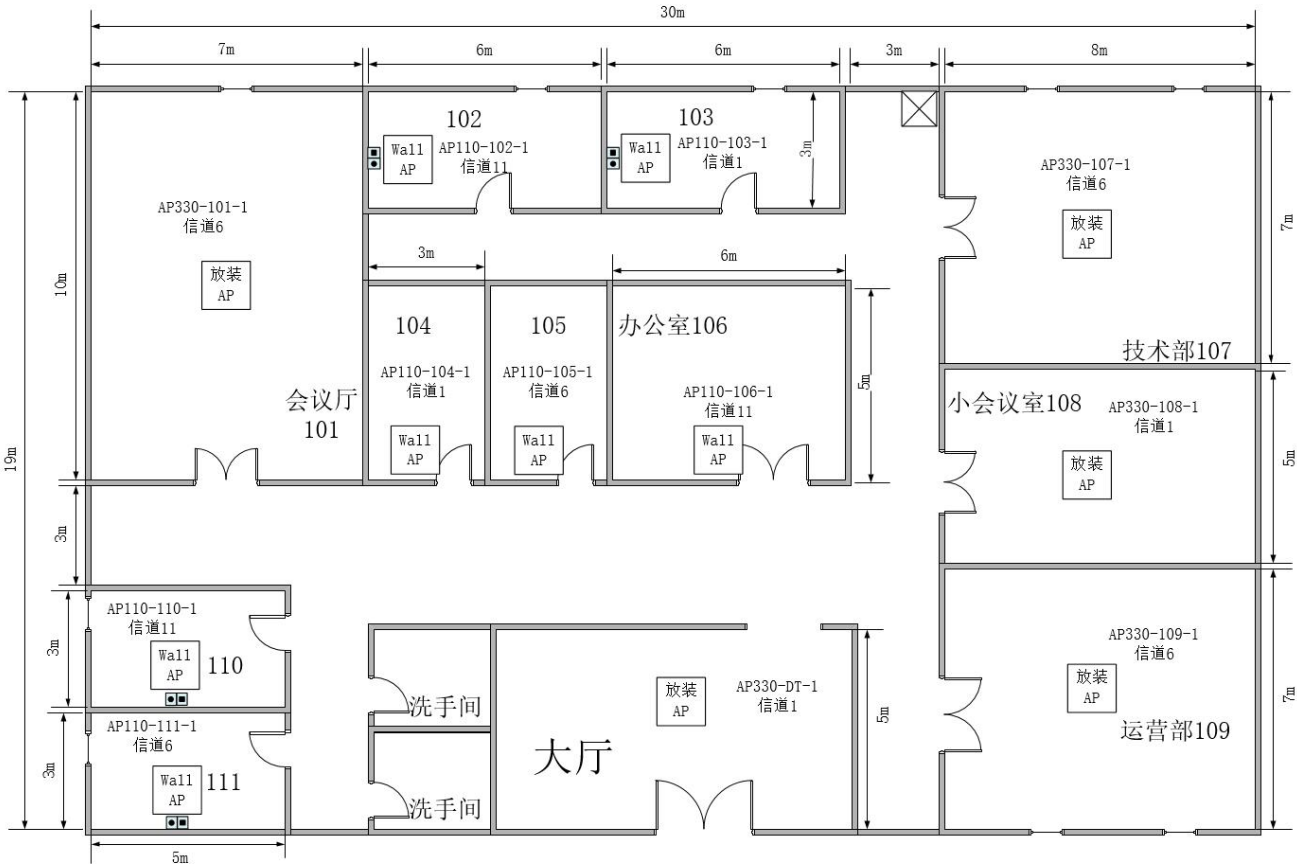
EG1#show ip route include 172.16.100.0	5 分
EG1#show ip route include 172.16.100.0 Running this command may take some time, please wait or press "Ctrl+C" to break. 0 IA 172.16.100.0/24 [110/3] via 10.1.0.18, 04:52:38, GigabitEthernet 0/3	标黄处完全匹配得 5 分
EG1#show ip route include 172.18.20.0	5 分
EG1#show ip route include 172.18.20.0 Running this command may take some time, please wait or press "Ctrl+C" to break. 0 IA 172.18.20.0/24 [110/4] via 10.1.0.18, 04:52:52, GigabitEthernet 0/3	标黄处完全匹配得 5 分

EG2 设备收集信息（40 分）

EG2#show run include channel-group telnet	20 分
EG2#show run include channel-group telnet channel-group telnet parent root cir 10000 pir 10000 pri 4 per-net per-pir 500 limit 1000 channel-group telnet parent root cir 10000 pir 10000 pri 4 per-net per-pir 500 limit 1000	每行标黄处完全匹配得 10 分
EG2#show url-class user-cfg	10 分
EG2#show url-class user-cfg url-class:un_audit_class comment:unaudit url-class:forbidClass url: 172.16.100.1	标黄处完全匹配得 10 分

EG2#show content-policy	10 分
EG2#show content-policy content-policy _TOP_PRIORITY (active)url-rule 997 url-object un_audit_object time-range any action permit comment 不审计的网址 content-policy P2P (active)app-rule 1 time-range Work app-group P2P 应用软件 action deny audit comment P2P-app-1558515178424 content-policy _AUDIT_DEFAULT (active)url-rule audit-default-enable (active)web-search-rule audit-default-enable (active)web-bbs-rule audit-default-enable (active)web-mail-rule audit-default-enable (active)im-rule audit-default-enable (active)mail-rule audit-default-enable	标黄处完全匹配，每 处 1 分

无线地勘设备收集信息（50 分）

AP 点位规划设计	15 分
 <p>The diagram is a detailed floor plan of a building with various rooms and corridors. The overall dimensions are 30m by 19m. The layout includes:</p> <ul style="list-style-type: none">Top Section: Rooms 102, 103, and 104. Room 102 has a Wall AP (AP110-102-1, channel 11) and a ceiling AP (AP330-101-1, channel 6). Room 103 has a Wall AP (AP110-103-1, channel 1). Room 104 has a Wall AP (AP110-104-1, channel 1).Middle Section: Room 105 has a Wall AP (AP110-105-1, channel 6). Room 106 (Office) has a Wall AP (AP110-106-1, channel 11). Room 107 (Technical Dept) has a ceiling AP (AP330-107-1, channel 6). Room 108 (Small Meeting Room) has a ceiling AP (AP330-108-1, channel 1).Bottom Section: Room 109 (Operations Dept) has a ceiling AP (AP330-109-1, channel 6). Room 110 has a Wall AP (AP110-110-1, channel 11). Room 111 has a Wall AP (AP110-111-1, channel 6). There are also two restrooms (洗手间) and a large hall (大厅) with a ceiling AP (AP330-DT-1, channel 1). <p>Dimensions and other details: Corridor widths are 3m, 4m, and 5m. Room widths are 7m, 6m, 6m, 3m, and 8m. Room heights are 10m, 3m, 3m, and 3m. A door is marked with an 'X' in the top right corridor.</p>	<div>1. AP 部署位置合理 (5 分)</div> <div>2. AP 编号正确（型号+位置+编号） (5 分)</div> <div>3. AP 信道规划正确 (5 分)</div>



1. 型号覆盖无死角
(楼道、洗手间、
杂物房等无需覆
盖) (15 分)
2. 覆盖区域有紫色
或白色部分扣 5 分

无线设备清单和价格						20 分
网络设备型号	单价	数量	总价	分值		
AP330-I	6000	5	30000	4 分		
AP110W	2500	7	17500	4 分		
S2928G-24P	15000	1	15000	4 分		
WS6008	50000	1	50000	4 分		
总价			112500	4 分		