l.TWOLEVEL-1routersindifferentareascanestablisha neighbor relationship.

A. TRURE

B. FALSE

Answer: B

2.which of following tasks need to be completed during the planning stage of a project? (Multiple choice)

A. Work out the technical design

B. Know the project background

C. Determine the model of network devices in the project

D. Make clear the requirements of network devices in the project E, Plan IP address

Answer: B , D

3.RSTP provides different functions in different scenarios. Which of the following statements are false?

A. If the edge port on the switch enabled with BPDU protection receives RST BPDU ,the switch sets the edge port as a non-edge-port

B. The role of the designated port that is enabled with root protection cannot be changed.

C. When the designated port enabled with root protection receives optimal RST BPDUs , the port enters the Discarding state and does

D. RST BPDUs within a certain period of time , the port will automatically restore to the Forwarding state. E. After TC protection is enabled , you can set the number of times the switch processes TC BPDUs with a certain period.

Answer: A

4.in the port mirroring,real and reliable data must be collected in real time.

A. TRUE

B. FALSE

Answer: A

5.Which of the following statements regarding the firewall zone security level is false?

A. The default security level of the new zone is 1.

B. °n|ythe security level of the user-defined zone can be configured. c. The configured security level cannot be changed.

D. Two zones cannot be configured with the same security level.

Answer: A

6.Which information of labels is used for simple traffic classification?

A. DSCP priority

BN IP precedence

C MPLS EXP priority

D. 802.lp priority

Answer: C

7.1n a route-policy,which of the following BGP attributes can be used in if-match clauses?

A. Local-Prerence

B. AS_Path

C. TAC

D% Community

Answer: BD

8.which of the flowing statements regarding huawei eSight network management software is false?

A. Multiple users can be created for network management Users may be asked to log in to eSight from specified IP addresses in specific time ranges.

C% The administrator can force unauthorized login users to log out.

D% The login time of the administrator role also can be limted.

B.

Answer: D

9.on a carrier' s MPLS VPN network,PEI and PE2 transmit data packets between VPNs.after PEI receives VPN route

172.16.1.0/24 from a dientto the packet after the packet arrives at PE2 distributes label 1025 to the packet. When a client on PE2 accesses theis route,what are the outer and inner labels in the packet transmitted over the carrier network?

A. Outer label:1027; inner label:1025

B. Outer label:1025; inner label :1025

C. Outer label:1027; inner label :1027

D. s Outer label : 1025; inner label:1027

Answer: D

10.AT which layer does a packet filtering firewall check data packets?

A. Application layer

B. Physical layer

C. Network layer

D. Link Layer

Answer: C

11.what are differences between the DiffServ and IntServ models?

A. The DiffServ model privdes different services destined for different destinations.

B. The DiffServ model privdes different services destined for different sources.

C. The DiffServ model does not need to maintain the status of each flow.

D. The DiffServ model applies to large-scale backbone network.

Answer: tCD

12.VXLAN users can access the Internet through VXLAN interfaces.

A. True

B. FALSE

Answer: A

13.which of the following statements regarding the any-source multicast(ASM) and source-specific multicast(SSM)models are true?

A. In the SSM model , the receiver hosts have obtained to the specific location of the multicast source in advance by other methods.

B. In the ASM model.receiver hosts cannot obtain locations of multicast sources in advance.

C. The SSM model and ASM model use the same multicast group address range.

D. In the SSM model , a multicast distribution tree is established directly between a multicast source and its receiver host.

Answer: ABD

14.In the Controller' s access control scenario.which of the following statements regarding the roles of the RADIUS server and client is true?

A. The Agile Controller integrates all functions of the RADIUS server and client.

B. The Agile Controller as the RADIUS server , while the user terminal as the RADIUS dient.

C. The authentication device (such as a 802.1X switch as the RADIUS server, while the user terminal as the RADIUS client).

D. The Agile Controller as the RADIUS server , while the authentication device (such as a 802.lx switch) as the RADIUS dients.

Answer: D

15.what happens when the topology of a network running RSTP changes?

A. Packets are flooded on the entire network

B. The aging time of MAC address entries is changed.

C. Some MAC address entries are deleted.

D. The entire MAC address table is deleted.

Answer: C

16.MPLS performs different actions on labels. What is the meaning of the pop action?

A. The top label removed from the MPLS label stack.

B. The top label is added to the MPLS label stack.

C. The top label is replaced with another value.

D. The top label is replaced with the label of another group.

Answer: A

17.In most cases, an IP address that is dynamically assigned by a DHCP server has a lease.which of the following statements regarding the IP address lease is false?

A. The lease renewal timer is 50% of the total lease. When the lease renwal timer expires,the DHCP s

B. The rebinding timer is 87.% of the lease.

C. If the rebinding timer expires but the DHCP client does note receive any responses from the DHCP server address to it before , until to total lease expires.

Dx If the DHCP client receives a DHCP NAK packet within the lease , the client stops using the current IP address.

Answer: C

18.1n the multicast network environment how do an IGMPvl host and an IGMPv2 muter on the same LAN interact with each other?

AJf any host on a LAN is running IGMPvl ,all hosts on the LAN must also use IGMPvl.

B. Membership Report message sent from the IGMPvl host will be received by the IGMPv2 muter.

C If the IGMPvl is in a specific group ,theIGMPv2 muter must ignore all Leave messages received from this group.

Ds The version 2 muter must set a countdown timer associated with the group that takes into account the presence of the version 1host.

Answer: BCD

19.main-in-the -middle attacks or IP soofing attacks are commom on intra nets and will cause information leakage. which configuration method can prevent these attacks?

As Configure the trusted or untrusted interface.

Bx Limit maximum number of MAC addresses that can be learned on a switch interface.

C. Configure DHCP snooping to check the CHADDP field carried in a DHCP Request packet.

D. Configure association between DHCP snooping and IPSG or

DAI on the switch.

Answer: D

20. which of the following commands can leak routes of Level-2 areas into Level-1 areas?

A. import is-is level-2 into level-1

B. import-route isis level-2 into level-1

C. advertise isis level- 2 into level-1

D. export isis level- 2 into level-1

Answer: B

21. which of the following route selection tools can be used by other routing protocols in addition to BGP?

A. route-policy

B. IP- prefix

C. as-path-filter

D. community-filter

Answer: AB

22. which of the following BGP attributes can define a set of destination addresses with the public characteristics?

A. origin
B. Community
C. AS. Path
D. MED
Answer: B

23.which command is used to enable association between BFD and VRRP?
A. vrrp vrid 1track bfd-session session-name 1reduced 100
B. bfd-session vrrp vrid 1 track session-name 1 reduced 100
C. track vrrp vrid 1bfd-session session-name 1 refuced 100
D. vrrp vrid 1 track bfd- session-name 1 reduced 100
Answer: A

24.what features must a risky operation solution have?
A. Accuracy
B. Good oprtability
C? Verification
D. Rollback
Answer: ABCD

25. which of the following items are used to remind customers of information security?
A. Account soft-out reminder
B. Password updated reminder
C. Log protection reminder
D. Data backup reminder
Answer: ABCD

26.when a huawei router serves as an SSH client and attempts b log to another huawei muter,the login,it is suppected that the SSH server configuration is incorrect which of the following causes is the most impossible for the server fault ?
A. The SSH protocol is not bound in the VTY user interface view.
B. Theuser service type.authentication type ,and userserivce type are not configured.
C. The SSH server and dient have inconstistent versions.
D. The SSH first-time authentication function is disabled.
Answer: D

27. which of the following statements regarding the static LACP mode are false?
A. If a high bandwidth of the link between two directly connected devices is required but the remote does not support LACP , you
B. In static LACP mode , a larger LACP priority of an interface indicates a higher priority of the interface and a high probability of become
C. The interface that forwards data is called the active interface that does not forward data is called the inactive interface fails.
AD. When preemption is enabled and an active interface fails , the backup interface with a

larger priority becomes the active interface after become the active interface.
Answer: B

28.in the OSPF protocol, the not-advrtise parameter can be specified in the asbr-summary command to indicate that summarized routes that not be advertised.
A. True
B. FALSE

29.S7700 and S9700 swiches are Huawei' s modular campus swiches.
Compared with the S7700, what advantages does the S9700 have?
A. The S9700 provides more slots and interface
B? The S9700 supports non-blocking data switching.
C. The S9700 supports the redundancy design for engines , power modules , and fans.
D. The S9700 provides data center features such as Transparent Interconnection of Lots of
Answer: B

30. which of the following statements regarding OSPF intra-area or inte-area router roles are true?
A. An internal router is a router of which all the interfaces belong to the same area.
B. An Area Border Router (ABR) is a router connected to one or more areas , one of which is the backbone area. ABR
C. A backbone router is a router with at least two interfaces belonging to the backbone area.
D. An Autonomous System Boundary Router (ASBR) can be an internal router , a backbone router , or an ABR
Answer: ABD

31. which of the following causes for a VRRP group two-master fault is the most impossible?
A. The configurations of the devices in the VRRP group are different
B. The link where VRRP Advertisement packets are transmitted is faulty.
C? The VRRP Advertisement packets received by the VRRP backup with a lower priority
D. The master device sends a VRRP Advertisement packet every 1 second.
Answer: D

32. port isolation provides secure and flexible networking solutions for users which of the following statements regarding port is false?
A. Port isolationcanbe used for configuring Layer 2 isolation.
B. Bydefault , interfaces are isolated at Layer 2 but can communicate at Layer 3
C. Before the port isolation function takes effect on an interface , the port isolation function must be enabled.
D. The port-isolate enable command can run in the system view.
Answer: D

33. which of the following is the function of MPLS forwarding equivalence class?
A. The FEC determines forwarding of IP data packets on the MPLS ISP
B. The FEC determines establishment of LSPs
C. The FEC determines the mapping between LSPs and IP data packets
D. The FEC determines how label addition on LSPs
Answer: C

34.The SDN architecture mainly includes NBIs and SBIs.
A. True
B. False
Answer: B

35.the greatest difference between a Fat AP and a Fit AP provides access to more users, has higher performance, and is more applicable to large networks.
A. TRUE
B. FALSE
Answer: B

36. which of the following statements regarding selection of active links in LACP mode are false?
A. In static LACPmode , after joining the Eth-Trunk , the member interfaces send the system priority.system priority , system MAC address ,
B. A larger LACP system priority indicates a higher priority. The end with a larger LACP system priority functions as the Active MAC address functions as the active side
C. The passive side determines active interfaces based on the LACP priority and ID. (interface number) of an interface on
D. Data can be forwardednormallyevenif both devices select different interfaces.
Answer: A. C

37. which of the following statements regarding the delay and jitter is true?
A. The jitter is relevant to the delay
B. The jitter occursbecause the E2E delays of data packets in the different flow are different
Cs A long delay indicates a short jitter and a short delay indicates a large jitter
D. Jitter is independent of delay
Answer: A

38.Single-packet attacks indicate that an attacker controls botnet hosts to send a send a large number of attack packets, causing link congestion on the attacked.
A. True
B. FALSE
Answer: B

39.when the Hold Time parameter negotiated between two
BGP peers is 0, no keepalive messages will be sent.
A. True
B. False
Answer: A

40. ina MPLS VPN network two-layer mpls labels are added into data pcakets before they are transmitted over the piblic network. which of the following statements regarding data packet processing are true?
A. The penultimate hop remove the outer label before forwarding the data packet to a peer PE
B. The IP data packet received by the peer PE does not carry labels.
C? The penult hope removes the outer label if the outer label in the data packet is explicit null label 3
D. The peer PE sends the data packet to the correct VPN based in the inner label.
Answer: A. D

41.1n the VRP.by default, after the export route policy of a BGP peer is changed, an Update message can be this neighbor again only through an manual operation.
A. True
B. FALSE
Answer: B

42.RSTP defines different ports compared with STP. Which of the following ports cannot work in forwarding state?
A. Root port
B. Designated port
C. Backup port
D. Alternate port
Answer: C. D

43.By default, the OSPF interface cost depends on the interface bandwidth and is calculated using the following formula; Bandwidth-Reference/Bandwidth. Cannot be manually modified.
A. TRUE
B. FALSE
Answer: B

44. which of the following operations are performed during migration acceptance?
A. Documentation transfer
B. Transfer-to-maintenance training
C. Acceptancemeeting
D. Business expense accounting
Answer: ABC

45. Switches run the MSTP protocol by default. which of the following statements regarding the defaults is true?
A. All switches run in the same region by default
B. The STP calculation speed is faster than that when multiple instances are configured
C. Dueto lack of configuration.allswitchesswitchtherunning mode to RSTP.
D. Each switch runs in an independent region
Answer: D

46. which of the following LSAs are advertised only within a single area?
A. Router LSA
B. Network LSA
C. Summary LSA
D. AS External LSA
Answer: AB

47.After the project delivery, the O&M expenses are continuously generated. which of the following items are the expenses generated during the O&M? (Multiple Choice)
A. Energy expenses
B. Line construction expenses
C. Line lease expenses
Ds Equipment depreciation expenses E. Staff expenses
Answer: ACE

48. which of the following statements regarding OSPF neighbor relationship and adjacency is true?
As OSPF routers must establish an adjacency before exchanging information.
B. Not all neighbors can establish adjacencies.
C. Adjacencies are maintained using OSPF Hello Protocol
D. Neighbor relationships are selected from adjacencies to exchange routing information
Answer: B

49.which of the following statements regarding the operation window time for a software upgrade is false?
A. it is determined by the accepted service interruption duration.
B. It must be longer than the upgrade execution time
C. Troubleshooting time must be reserved.
D. Only network maintenance personnel need to notified of the operation window time , while the customer does not
Answer: D

50.m the multicast network environment, how do an IGMPv2 host and an IGMPvl router on the same LAN interact with each other?
A. The IGMPvl router considers IGMPv2 Report messages invalid and ignores them.

B. When the IGMPvl router acts as an effective IGMP querier the IGMPv2 host must send IGMPvl Report messages to the router.

C. When the IGMPv2 host detects that the IGMP querier is running IGMPvl , it must always respond to the querier with IGMPvl Report messages

D. Wien the!GMPv2 host leaves the group , it still sends an IGMP leave message and this message can not be suppressed

Answer: ABC

51.which of the following operation is performed in the risky operation process?

A. Solution formulation

B. Authonzation obtaining

C. Technical review

D. Implementation and result feedback

Answer: C

52.to improve stp running stablility a network administrator wants to configure some stp features or protection mechanism on switches vrtuch of the following configuration roadmaps is correct?

A. Configure the user access port as an edge to prevent the user from connecting to the switch on this port.

B. Configure root protection on the user access port to ensure that the user does not connect to a switch with a higher priority

C. Configure loop protection on positions where loops have occurred so that loops are always blocked

D. Configure BPDU protection so that the switch checks the validity of each received BPDU to prevent attacks of forged

BPDUs

Answer: B

53.To inject IGP routes into BGP routes, you can only use the network command.

A. TRUE

B. FALSE

Answer: B

54. which of the following statements regarding OSPF authentication commands are true?

A. A ciphertext password can be entered , the effect is equivalent

B. The ospf authentication-mode md5 1huawei command has the same function as the ospf authentication-mode md5 1 plain huawei command

C. When an authentication password is configured for area authentication and interface authentication separately , the password configured for area

D. The ospf authentication-mode simple huawei command has the same function as the ospf authentication-mode simple plain huawei command.

Answer: AD

55.When the virtual router responds to ARP Request packets, the actual MAC address of the master router is used.

A. TRUE

B. FALSE

Answer: B

56.On the border between an enterprise network and its external nwtwork, which of the following devices is deployed at the outermost side of the enterprise network?

A. IDS

B. PS

C. FW

D. VPN

Answer: C

57. which of the following statements regarding IBGP and EBGP peers is false?

A. Two BGP-running routers must have IP connectivity if they need to establish a TCP connection

B. If two BGP peers exchanging BGP messages belong to the same AS , the two peers are IBGP peers

C. If two BGP peers exchanging BGP messages belong to different Ass , the two peers are EBGP peers

D. IBGP peers must be physically directly connected

Answer: D

58. which of the following statements regarding a route-policy are true?

A. A route-policy consists of multiplenodes , and eachnode can contain multiple if-match and apply clauses

B. An if-match clause defines the matching condition of the node , and an apply clause define the routing behavior for the packets meeting the matching condition

C. The operator between if-match clauses under a node is

AND. That is , packets match the node only when they match all the if-match clauses under the node

D. The operator between nodes of a route-policy is OR. That is , packets pass through the route-policy as long as they match one node.

Answer: ABCD

59.BFD. is a universal fast detection technology that can implement fast switchover, so BFD. does not need to be used with other fast switching technologies.

A. TRUE

B. FALSE

Answer: B

60.during network design, VLANs are assigned in many ways which of the following ways is seldom adopted?

D. 20
Answer: D

61.

62.

63. AR series routers provide various slots, which of the following is not included?
A. SIC
B. SWIC
C. HSIC
D. XSIC
Answer: C

64.the project scope can be determined from three aspects, which of the following is not included?
A. Functions and modules to be realized by the project
B. Geographic budget of the network
C. Investment budget of the project
D. Responsibility division between the project and other matching systems
Answer: C

65.what are the mainly methods of data collection?
A. Collection by physical optical splitter
B. Collection through port mirroring
C. Centralized collection by NMS
D. Automatic collection
Answer: ABC

66.software upgrade operations are similar for huawei datacom products, therefore, befor a software upgrade, you only need to briefly read the upgrade guide.
A. TRUE
B. FALSE
Answer: FALSE

67.0n a large-scale network, some switches run MSTP and some switches run RSTP. If an MSTP switch detects that the neighboring switch works in RSTP mode, which mode does the MSTP switch work?
A. STP
B. RSTP
C. MSTP
D. Uncertain
Answer: C

68. which of the following statements regarding MUX VLAN is true?

A. The MUX VLAN contains a principal VLAN and subordinate VLANs. The principal VLAN and subordinate VLANS cannot communication

B. The MUX VLAN contains a principal VLAN and subordinate VLANs. The subordinate VLANs are classified into subordinate group VLAN can communicate with each other.

C. The interfaces between subordinate separate VLANs can communicate with each other, but cannot communicate with the interface

D. The principal VLAN and subordinate VLANs cannot communicate

AnswenB

69. which of the following statements regarding network maintenance work are true?

A. For device software maintenance , onsite operations are allowed but only remote operations are recommended

B. The device software running is closely related to services running on the device

C. The external environment where hardware runs does not need special attention

D. For device environment maintenance , maintenance personnel need to go the site or even use some professional tools for

Answer: BD

70. which of the following causes may result in a BGP peer relationship fault?

A. An ACL is configured to disable TCP port 179

B. The peer router ID. conflicts with the local router ID.

C. The peer ebgp-max-hop command is not configured when loopback interfaces are used to establish the EBGP peer

D. The peer connect-interface command is not configured when loopback interfaces are used to establish the BGP peer

Answer: ABCD

71. which of the following statements regarding BGP are false?

A. TCP provides an acknowledgement and retransmission mechanism for BGP

B. Before establishing a TCP connection , BGP devices need to exchange Update messages

C. BGP uses Notification and Update messages to establish and maintain peer relationships

Ds BGP uses the TCP port 179 for communication

Answer: BC

72. which of the following is the purpose of management security optimization?

A. To ensure that sensitive management information will not be intercepted

B. To prevent or reduce external network attacks and harm

C. To ensure secure access to key services

D. To achieve secure user access control

A. VLAN assignment based on the access device type

B. VLAN assignment based on the access location

C. VLAN assignment based on security system requirements

D. VLAN assignment based on service design

Answer: A

61. which of the following statements regarding VRRP fast switchover are false?

A. When association between VRRP and the BFD. or EEM session is enabled and the BFD. or EEM session status

B. A VRRP group cannot monitor the peer BFD. session , link

BFD. session , and normal BFD. session simultaneously

C. When the VRRP group is associated with a normal BFD. and the BFD. session status changes , the priority BFD. session recovers , the priority of the router in the VRRP group is restored

D. If VRRP is configured to monitor multiple BFD. sessions , the associations may affect services

Answer: BD

62.how many bits does an MPLS label field have?

A. 8

B. 3

C. 1

Answer: A

73.How is OPEX defined?

A. Maintenance cost

B. Total cost of ownership (TCO)

C. Operating cost

Ds O&M cost

Answer: C

74. which of the following procedures are included in IS-IS route calculation?

A. Neighbor relationship establishment

B. Route calculation

C. Link information exchange

D. Router advertisement

AnswenABC

75.Which three steps does a migration include?

A. Snapshot before the migration

B. Delivery during the migration

C? Check after the migration

D. Attendance after the migration

Answer: ABC

76. which of the following statements is false?

A. A device with a higher router priority has a higher election priority

B. If two devices have the same muter priority , the device with a larger router ID. has a higher election priority

C. If the current DR fails , the current BDR automatically becomes a new DR , and a BDR will be elected again

D. When a muter with the highest router priority joins an OSPF network , this router will become the new DR

Answer: D

77.Congestion means that the service rate is reduced because of insufficient network resources Congestion avoidance technologies include RED. and WRED.

A. TRUE

B. FALSE

Answer: B

78. which of the following statements regarding IS-IS characteristics are true?

A. IS-IS supports various area features

B. IS-IS packet format is simple

CN IS-IS is suitable for large-capacity route transmiss

D. IS-IS has good scalability

Answer: BCD

79.DHCP uses different types of packets to implement different functions. Which of the following is the function of the DHCP Offer packet?

A. The DHCP offer packets are broadcast by the DHCP client to detect available servers

B. The DHCP server sends DHCP Offer packets to respond to the DHCP Discover packets send by the DHCP by the DHCP dient , providing

C. The DHCP dient sends a DHCP Offer packet to the DHCP server to request configuration parameters , configuration acknowledge

D. The DHCP server sends a DHCP Offer packet to the dient to the client , carrying configuration parameters , such as the IP address

Answer: B

80. which of the following BGP attributes is Huawei' s unique attribute?

A. PrefVal

B. MED

C. AS_Path

D. Origin

Answer: A

81. which of the following command is used to apply the traffic policy to an interface on an AR router?

A. traffic-policy pi inbound

B. traffic classifier pi inbound

C. traffic behavior pi inbound

D. services-policy pi inbound

Answer: A

82.0n a nerwork running RSTP, some devices use STP. When SRTP-enabled switches detect a topology change, which method is used by the RSTP-enabled switches.

A. RSTP BPDUs with the TC are used

B. STP BPDUs with the TC are used

C. RSTP BPDUs with the TCA are used

D. STP BPDUs withthe TCA are used

Answer: B

83.On the USG series firewall, what is the security level of the DMZ?

A. 5

B. 50

C. 85

D. 100

Answer: B

84.During MSTP troubleshooting, the display current-configuration command ia executed to obtain the configuration file of the device, which of the following statements is false?

A. Check the port configuration to verify that the MSTP-enabled port is configured (for example , using the bpdu enable command) to

B. The port connected to a user device has MSTP disabled or is configured as the edge port

C. The BPDU tunnel configuration has no impact on MSTP

D. Check whether the interface is added to the correct VLAN

Answer: C

85.What is the broadcast domain of VXLAN called?

A. Broadcast domain

B. Switching domain

C. Bridge domain

D. VLAN domain

Answer: C

86.The firewall and router can both implement security defense functions and replace each other.

A. TRUE

B. FALSE

Answer: B

87.According to BGP route selection rules, which is the correct Origin attribute priority order?

A. EGP>Incomplete>IGP

B. IGP>Incomplete>EGP

C. IGP>EGP>Incomplete

D. Incomplete> EGP > IGP

Answer: C

88. which of the following statements regarding PIM-SM hello packets is false?

A. On a PIM-SM network , multicast routers that have just started need to send Hello messages to discover neighbors and maintain neighbor relationships

B. Multicast routers periodically send Hello Messages to each other to maintain communication

C. A DR is selected on a network segment based on Hello messages exchanged between routers

D. Hello messages are sent to multicast group address

224.0.0.S

Answer: D

89. which of the following statements regarding MAC address spoofing attacks is false?

A. Attackers initiate MAC address spoofing attacks using the MAC address learning mechanism

B. Attackers send data frames with forged MAC address to the switch to initiate MAC address spoofing attacks

C. When MAC address spoofing attacks occur ,the switch may learn incorrect mapping between MAC address and IP addresses

D. When MAC address spoofing attacks occur ,the switch may sent packets to the attacker

Answer: C

90.MPLS VPN is used to solve some limitations of traditional VPN technology. Which are the major limitation the MPLS VPN solves?

A. Private routes cannot communicate with each other

B. Leased lines are expensive

C. Bandwidth resources cannot be fully used

Dv The address space is overlapping

Answer: D

91. which of the following statements regarding the STP configuration is true?

A. STP automatically runs by default and therefore does not require configuration

B. The STP convergence speed is slow , which may cause network interruption. Therefore, disabling STP is a preferred solution

C. Similar to the implementation for routing Protocols , data flows between switches can be adjusted by modifying link costs

Ds For routine STP configuration , the position of the STP blocked port is controlled to ensure that the blocked port is not located on a backbone link or device E. The RSTP algorithm is simple and reliable and supports fast convergence. Therefore, all switches on the network are configured to work in RSTP mode.

Answer: D

92. which of the following statements regarding QoS packet are false?

A. When a router receives data packets.packet loos may occur because the CPU is busy and cannot process data packets

B. Whendata packets are scheduled to queues , packet loss may occur because the queue is full

C. When data packets are transmitted on a link , packet loss may occur because of link faults

D. Packet loss is generally caused by the delay , the tail drop packets loss may occur because of the queue is full

Answer: D

93. which of the following statements regarding route selection tools is false?

A. An access control list (ACL) matches routing information or addresses is data packets to filter out router or data packets that do not meet matching conditions

B. An IP prefix matches destination addresses of routes or directly applies to a router object (gateway)

C. An AS-Path filter matches the AS-Path attribute in BGP mutes , so it can only filter BGP mutes.

D. A community-filter matches community attributes in BGP routes , so it can only filter BGP mutes. E. A route-policy can only match mutes and data packets , but cannot route attributes or forwarding behaviors for data packets

Answer: E

94. which of the following authorzation items is not required for risky operations?

A. Management authorization

B. Technology authorization

C. Customer authorization

D. Administrative authorization

Answer: D -:ii,u

95. which of the following statements regarding PIM-DM is false?

A. PIM-DM stands for Protocol independent Multicast-Dense Mode. It is a dense-mode multicast routing protocol.

B. PIM-DM assumes that each subnet on a network has at least one receiver station interested in the multicast source.

C. PIM-DM uses the graft mechanism to restore multicast packet forwarding proactively

D. PIM-DM does not have periodic flood-prune processes

Answer: D

96.compared with traffic policing, traffic shaping uses queues to cache the traffic that exceeds the limit which of the following statements regarding traffic shaping is false?

A. Compared with traffic policing , traffic shaping has good anti-burst capability

Bx Traffic shaping enables packets to be transmitted at an even rate

C. Because queues are used , the delay is added when congestion occurs.

D. Compared with traffic policing , traffic shaping is more suitable for voice service

Answer: D

97.0SPF supports are authentication and interface authentication. If both authentication modes are configured, interface authentication takes.

A. TRUE

B. FALSE

Answer: A

98. which of the following statements regarding virtual link is false?

A. If a virtual link exists in a network.network design problems often exist and need to be optimized.

B. The existence of virtual link increases network complexity

C. Virtual link may lead to loops

D. The interval for sending Hello packets on a virtual link is 10s

Answer: D

99. which of the following statements regarding LACP are true?

A. LACP isbased on KEE802.3au

B. The local device sends LACPDUs to exchange information with the remote end

C. Devices at both ends determine the Active side based on the LACP system priority and system ID

D. Devices at both ends determine active interfaces based on the LACP priority and ID. of the interface on the passive side

Answer: BC

100. which of the following statements regarding the network command in BGP is false?

A. The routes injected using the network command must exist in the IP routing table

B. The routes injected using the network command must accurately match the mask length in the IP routing table

C. By default , BGP does not advertise any local route.

D. The network command cannot be used together with corresponding policies

Answer: D

101. which of the following are migration difficulties?

A. Minimizing on services

B. Achieving optimal risk prevention

C. Formulating a complete migration solution

D. Carrying out the migration smoothly

Answer: ABCD

102.Huawei enterprise network NMS eSight has three editions: standard, and professional. Unlike the standard edition, which of the following features is provided by the professional edition?

A. Provide a database backup tool

B. Support multi-user management

C. Support management of the VLAN and MPLS VPN

Dv Support hierarchical management model

Answer: D

103.Enterprise services have strict requirements for QoS in networks. which of the following counters can be used to indicate network QoS?

A. Stability

B. Bandwidth

C\ Delay

D. fitter E, Security

Answer: BCD

104. which of the following statements regarding the alarm is fault authentication type conflicts with the local authentication key or authentication type.

A. Incorrect interface authentication configuration

B. Inconsistent Hello intervals

C. Unmatched subnet masks

Ds Inconsistent area IDs

Answer: A

105.The SDN controller can intelligently adjust traffic paths based on the network status, so that can improve the entire network throughput.

A. TRUE

B. FALSE

Answer: A

106. which of the following commands can enable IS-K on an interface?

A. ip router isis 100

B. router isis 100

Cs isis enable 100

D. route isis enable 100

Answer: C

107.On a layer 2 switching network, devices forward data based on MAC addresses, data

filtering can be performed based on MAC addresses, information in data packets.
A. TRUE
B. FALSE
Answer: B

108. which of the following statements regarding VRRP is false?
A. The Virtual Router Redungancy Protocol(VRRP)is designed for networks with multicast and broadcast capabilities,suchanother router if it fails so that uninterrupted and reliable communication is guaranteed
B. When VRRP isused.the virtual router ID. ang virtual IPaddress need to be configured on the router,theMACaddress of
C. Hosts on the network communicate with the virtual router.There is no need to learn all information of physical routers on1
D. A virtual router consists of one master router and several backup routers.The master router provides forwarding funciton takes over its work
Answer: B

109. which of the following information be learned on the industry background of the project?
A. Common solutions in the industry
B. Porblems to resolved by the project
C. Organizational structure of customers.Implementation scope of the project
Answer: A

110. which of the following statements regarding the software and configuration backup is true?
A. The software version needs to be backed up for multiple times for the same product and the same version '.
B. Licenses do not need to backed up
C.After the device configuration changes,the configuration file not need to be backed up
D. Backup is used to restore network functiond in extreme cases
Answer: D

111.MSTP has different port roles. Which statement are false?
A. Other pots except the edge port partivipate in MSTP calculation
B. A port can function as different roles in different MSTIs
C. A regional edge port is located at the backup of the root port and provides a path from the designated to the root bridge
D. The backup port functions as the backup of the root port and provides a path from the designated bridge to the root bridge
Answer: D

112.ethernet supports broadcast,once a network loop occurs this simple broadcast

mechanism will cause catastrophic consequences which of the following symptoms may be caused by a loop?

A. Users cannot log in to the device remotely

B. The display interface commang output shows a large number of broadcast packets received on an imterface

C. The CPU usage exceeds 70%

D. A lot of ICMP packets are lost in ping tests

Answer: A BCD

113. Multiple BGP processes cannot be configured on the same router.

A. TRUE

B. FALSE

Answer: T

114. How is CAPEX defined?

A. Cost expengiture

B. Capital expenditure

C. One-time expenditure

D. Daily expenditure

Answer: B

115. Which command is used to enable association between

BFB and OSPF on all interfaces?

A. bfd enable

B. bfd all-interface enabie

C. All-interface bfd enable

Am

D. Undo bfd all-interface disable

Answer: B

116. which of the following subsystems are involeved in building cabling?

A. Horizontal subsystem

B. Access subsystem

C. Backbone subsystem

D. Vertical subsystem E. Switching subsystem

Answer: A D

117. During follow-up operation of the strured network troubleshooting process, which of the following documents need to be transferred?

A. Troubleshooting intermediate documents

B. Troubleshooting summary report

C. Change backup and maintrnance suggestions

D. User communication plan

Answer: A B C

118. which of the following is the purpose of access security optimization?
A. To ensure that sensitive management information will not be intercepted Vi 'll £H
B. To prexent or reduce external network attacks and harm
C. To ensure secure access to key services
D. Toachieve secure user access control
Answer: D

119. When two routers establish a logical BGP peer relationship over multiple physical links,the peer connect-interface command must be used.
A. TRUE
B. FALSE
Answer: T

120. which of the following statements regarding the MPLS forwarding process is false?
A. if a LSP fails to forward data,the MPLS control plane responsible for ISP setect this error
B. The main function of MPLS forwarding plane can add labels or delete ladels from an IP packet and forward the received packets
C. After an IP packet enters the MPLS network,the ingress LER will analyza IP packet and add proper to the packet
D. MPLS can use Ping or Traceroute to detect LSP errors and locate faulty nodes
Answer: A

121. which of the following statements regarding AS.Path is false?
A. AS_Path is a list of ASs that a BGP route passes through
B. AS_Path is a very important well-known mandatory attribute in BGP
C. BGP does not accept the routes whose AS_Path attribute contains the local AS number
D. When a router has two or more routes to the same destination router compares the AS_Path attributes of these routes
Answer: D

122. in the acl configuration command ad (number) ad-number (match-order{auto|config}], the ad-number parameter specities an
A. 1000-3999
B. 2000-2999
C. 3000-3999 0-1000
Answer: B

123. link aggregation bundles a group of physical interfaces to from a logical interface the bandwith. Link aggregation work in can
A. TRUE m ill
B. FALSE
Answer: A

124. when two bgp peers establish a TCP connection normal but their AS number and BGP versions are inconsistent,Which message will be identified as incorrect during negotiation in the error code of the notification message?

A. Route-refresh

B. Open

C. Keepalive

D. Update

Answer: B

125. which are the new requitements on the enterprise network stimulated by the mobility trend

A. Uunifled wired and wireless management

B. Consistent service experience anytime.anywhere

C. Fast daployment of mobile applications

D. Strict hierarchical networking

Answer: A B C

126. mpls implements data forwarding based on two different planeswhich of the following statements regarding the forwarding mechanism are correct?

A. After an IP packet enters an MPLS domain,the device receiving the packet queries in the FIB table first

B. The system automativally assigns an ID. to the upper -layer application that uses a tunnel This ID. is also called the tunnel ID

C. If the tunnel ID. is 0x0 the MPLS forwarding process starts

D. if the tunnel ID. is not 0x0 the normal IP forwarding process starts

Answer: A B

127. which of the following statements regarding isolation is false?

APort isolation controls access between interfaces of switches

B. Port isolation prevents the computers comnectse to differfaces from accessing each other

C. Port isolation can be configured based on VLANs

D. Port isolation is an isolation mechanism at the physical layer

Answer: C

128. which of the following statements regarding
ASBR-Summary-LSA is false?

A. Link State ID. indicates the router ID. of an ASBR

B. Advertising Router indicates the router ID. of an ABR

C. The Advertising Router fields in ASBR-Summary-LSAs of all areas are the same Mft'fdllMilMIMI— M K I I I I I I nil H I -

D. Metric indicates the cost of routes form an ABR to an ASBR

Answer: C

129.if the dhcp client ip address is not extended after 87.5% of the lease is reached.which packet is used by the client to extend the ip address lease
A. DHCP Discover broadcast packet
B. DHCP Release unicast packet
C. DHCP Request broadcast packet
D. DHCP Requrst unicast packet
Answer: C

130.rstp provides multiple protection functions For example.when an edge port is configured to work in protection state,how does the edge port process the process the received bpdus
A. The edge port forwards BPDUs
B. The edge port discards BPDUS
C. The edge port is shut down
D. The edge port parses BPDUs to obtain corresponding information
Answer: tC

131. VPN models are classified into two types:overlay vpn and peer-to-peer vpn iliw —
A. TRUE
B. FALSE
Answer: T

132. which of the following items on the packing list need to be checked during unpacking and inspection
A. Part number
B. Part model
C. Number of parts
D. Project name
Answer: A BCD

133. which of the following statements regarding BR/BDR are false?
A. All DR others establish neifhbor relationships with DR and
BDR only
B. In a broadcast network DR and BDR must be elected A broadcast network without a DR or BDR cannot operate normally
C. DR others listen on the multicast address 224.0.5.5
D. DR others listen on the network address 224.0.0.6
Answer: A B D

134. employees in an enterprise often need to connect to the enterprise intra net for remote access when going on business which of the following technologies can meet this demand

A. MPLS VPN

B. IPSec VPN

C. SSL VPN

D. Lsdn Dial-in

Answer: C

135. in most cases, a risky operation solution can be reviewed and finalized one day bebore implementation

A. TRUE

B. FALSE

Answer: F

136. which of the following statements regarding the physical topology monitoring function of esight are true

A. eSight displays the layout and status of NEs subnets and links on the GUI

B. eSinght supports visualized monitoring of the network-wide running status

C. eSight display the architecture of the entre network and relationship between network entities

D. The physical topology monitonng provides an entry for unified network monitoring improving O&M efficiency

Answer: A BCD ii.Syi

137.the migration kick-off meeting is held to communicate with the ccustomer about the projeck, communication withj other involved parties is not important

A. TRUE

B. FALSE

Answer: F

138.to provide differentiated services for different users, users or services are classified based on packet information such as the packet priority,source ip address,and port number. which qos technologies are often used to implement dassification

A. Traffic policing

B. Complex traffic classification

C. Congestion avoidance

D. Congestion management

Answer: B

139. which of the following tests is not performed in the joint software commissioning?

A. Connectivity test

B. Standalone device test

C. HA capadility test

D. Service performance test sip

Answer: B

140. which of the following statements regarding the OSPF protocol is false?

A. An ABR is connected to multiple areas and maintains the same LSDB for all areas.

B. The metric of an AS-extemal-LSA can be specified during the import of external mutes and defauits to 1.

C. Extemal muting information can carry a tag, the tag information is contained in a Type 5 or Type 7 LSA.

D. The Link State ID. in an ASBR-Summary-LSA is ser as the muter ID. of this ASBR.

Answer: B

141. which of the following traffic can be mirrored through port mirroring?

A. Packets received by a port

B. Packets sent by a port

C. Packets received and sent by a port

D. Packets discarded on a port

Answer: iA B C

142. which of the following items is not the disadvantag of the traditional congestion avoidance mechanism

A. Global TCP synchronization I,'liiiiilfe

B. High jitter and long delay

C. High cost

D. Packets are discarded without differentiating the priority

Answer: C

143. which of the following statements regarding the characteristeristics of HA network are true?

A. Faults cannot occur frequently

B. Faults can be recovered rapidly

C. No fault occurs

D. When faults occur,services can be only restored manually

Answer: A B

144. which of the following statements regarding well-known discretionary attributes are true

AAII BGP routers must identify these attributes

B. These attributes must be transmitted between BGP peerw

C. These attributes do not necessary to be carried in Update messages,and BGP routers can determine whether to carry them in Update messages

D. These attributes do not necessary to be transmitted between BGP peers

Answer: A C D |if [til

145.the interface ip address and vrrp virtual ip address can be the same

A. TRUE

B. FALSE

146.on the network running stp , when the network topology changes , multiple topology change notifications are sent. How many types of rstp tc bpdus are defined
A. One
B. Two
C. Three
D. Four
Answer: A

147.which command is used to enable association between bfd and ospf on all interfaces
A. bfd enable
B. Bfd all-interface enable
C. all-interface bfd enable
D. Undo bfd all-interface disable
Answer: B

148. which of the following is not the limitation of traditional networks? iii
A. The network protocol inplementation is complex,and the O&M is difficult
B. The traffic path cannot be adjusted flexibly
C. The upgrade of new network services is slow
D. Different vendors devices provide similar implementation,there is less difference in operation
Answer: D

149. which of the following causes will lead a failure to establish BGP peer relationships?
A. An ACL is configured to prohibit all TCP connections between two BGP neighbor
B. Two IBGP peers are not physically directly connected
C. BGP synchronization is enabled on fully-meshed IBGP peers
D. Two BGP peers are configured with different routing Update intervals
Answer: A

150. which of the following causes may result in an is-is neighbor relationship fault
A. The devices on two ends of a link have the same system ID
B. The devices on two ends of a link have inconsistent IS-IS levels
C. When an IS-IS level-1neighbor relationship is established,the devices on two ends of a link have inconsistent area addresses
D. The IP addresses of interfaces on two ends of a link are on different network segments
Answer: tA BCD

151. compared with a three-layer network architecture ,a two-layer network architecture has simple topology and high data forwarding and the three-layer network architecture will be gradually phased out
A. TRUE

B. FALSE

Answer: F

152. huawei switches provide port isolation which of the following statements regarding port isolation is false

A. You can configure Layer 2 and layer 3 isolation or Layer 2 isolation and Layer 3 interworking

B. Huawei switches support 64 isolation groups numberedO to63

C. If interface A is isolated form interface B. packets sent from interface A cannot reach interface B but packets sent from interface B

D. FE interfaces,GE interfaces,XGE interfaces,and Eth-Trunks can be isolated from one another but an interface cannot be l isolated Eth-Trunk cannot be isolated unidirectionally from its member interfaces

Answer: B

153.the agile controller is an automated control system for network resources it provides a unified policy engine to realize unified access control policies within the

A. TRUE

B. FALSE

Answer: T

154. which of the following statements regarding traffic policing is true?

A. Packets cannot be colored

B. Packets can be colored

C. The packets of which the rate is exceeded can be buffered

D. The packets of which the rate is exceeded cannot be buffered

Answer: B D

155. which of the following formulas is used to calclate avaiability?

A. MTBF/MTTR*100%

B. MTTR/MTBF*100%

C. (MTBF+MTTR)/MTBF*100% "siar.i'Jirafe

D. MTBF/(MTBF+MTTR)*100%

Answer: D

156. which of the following cauuses for VRRP group flapping is the most impossible

A. The link where VRRP Advertisement packets are transmitted changes form Up to Down frequently

B. The interval for sending VRRP Advertisement packets is small

C. Association between VRRP and BFD. is configured to implement a rapid master/backup switchover

D. VRRP packets are discarded randomly because congestion occurs

Answer: C

157.bgp routers establish peer relationships using udp

A. TRUE

B. FALSE

Answer: F

158. according to bgp route selection usles ,the manually summarized routes generated using the aggregate command are preferred over the automatically automatic command

A. TRUE

B. FALSE

Answer: T

159. which of the following LSA packets carries master/slave relationship information

A. Hello packet

B. DD. packet

C. LSA Update packet

D. LSA Request packet

Answer: B

160. Multiprotocol label switching (mpls) defined in IETF is a layer 3 switching technology and consists of different devices which of the following devices is responsible for adding labels or deleting labels from packets

A. Label distribution router

B. Label edge router(LER)

C. Label switching router(LSR)

D. Label transmission router

Answer: B

161.on the USC series firewall, which zone can be deleted by the administrator

A. Security zone

B. Trusted zone

C. Untrusted zone

D. DMZ

Answer: A

162. which of the following statements regarding the basic concept of link aggregation is false?

A. link aggregation bundles a group of physical interfaces together into a logical interface to increase bandwidth and improve reliability

B. Link aggregation complies with IEEE 802.3ad

C. Link Aggregation Group(LAG),also called trunk refers to the logical link that is formed by bunding several physical links together

D. Link aggregation involves only the active interface

Answer: D

163. which of the following statements regarding the device running check is true

A. You can run the display memory-usage command to check the memory usage of the device if the value of Memory Using Percentage Is exceeds 80%

B. You can run the display device command to check the running status of a board If the board is online the value of Online should be Present

C. You can run the display fan command to check the fan status If the value of Present is NO,the fan is in normal state iffiiiiitM

D. You can run the display ftp- server command to check FTP ports not in use should be recorded

Answer: B

164. in a complesx network environment containing finance,OA. production ,and more service systems which of the following items is the first concern for troubleshooting

A. IP address assignment

B. Network device model

C. Data flow direction of each service system

D. Equipment room environment

Answer: C

165.in a broadcast networkl,which mechanism is used in IS-IS to ensure neighbor relationship establishment reliability?

A. Status synchronization

B. Checksum

C. Aging timer

D. Three-way handshake

Answer: D

166. which configuration modes are supported by VXLAN?

A. Virtualization software configuration

B. SDN controller configuration

C. SNMP configuration

D. Automatic confliguratuon

Answer: A B

167. which of the following statements regarding muliticast protocols is false?

A. K3MP runs between receiver hosts and multicast routers,and defines the mechanism for creating and maintaining group member

B. Distance Vector Multicast Routing Protocol(DVMRP) is a dense mode protocol it defines a route hop cunt limit of 32

C. EM is a typical intra-domain multicast routing protocol and can operate in the dense mode(DM)or sparse mode(AM)

D. MSDP can spread multicast routes across ASs

Answer: D

168. which of the following statements regarding different LSA types is false?

A. DD. packets contain only LSA summary information including LS ID. Advertising Router and L

B. LS Request packets contain only LS Type ,LS ID. and
Advertising Router

C. LS Update packets contain complete LSA information

D. LS Ack packets contain complete LSA information

Answer: D

169. which of the following statements regarding MPLS label encapsulation format are true?

A. The total length of an MPLS label is 4 bytes(32 bits)

B. The TL field in an MPLS label has the same meaning as that in an IP packet and can prevent loops

C. The S field in an MPLS label has 1bit and is used to identify whether the label is the bottom-of-stack label

D. For Ethernet and PPP packets a label stack is located between the layer 2 packet header and data If a \

Answer: A B

170. If router priority is set to 0 for a router.it is allowed to elect this router as a DR or BDR in an OSPF routing domain,but its priority is the lowest

A. TRUE

B. FALSE

Answer: F

171. NFV and SDN depend on each other and must be used together

A. TRUE

B. FALSE

Answer: F

172. which of the following toola cannot be used for route filtering?

A. policy-based-route

B. IP-prefix

C. Route-policy

D. ip community-filter

An$wer:A

173. Preferences of routing protocols dermine the sequence in which a router selscts a route among route to the same destination learned through different routing peotocols

A. TRUE

B. FALSE

Answer: T

174.To impeive Inteernet egress reliability.an enterprise uses multiple links to connect to different carrier networks,this mode requies attention to both the quality may be affected
A. TRUE
B. FALSE
Answer: T

175. DHCP snooping is a security feature that can be used to defend against carious attacks,including
A. Starvation attacks by changing the CHADDR field value
B. Bogus DHCP server attacks
C. TCP flag attacks J
D. Man-in-the-middle attacks and IP/MAC spoofing attacks
Answer: A B D

176. If the number of checked goods is different from the number of goods on the packing list,you can unpack and inspect goods and then contact the vendor to handle the inconsistency
A. TRUE
B. FALSE
Answer: F

177. For interzone packet filtering,which traffic is belong to transmitted to outbound direction?
A. Trusted zone — Untrusted zone
B. Untrusted zone --Trusted zone
C. Untrusted zone --DMZ
D. Trusted zone — Local zone
Answer: A

178. For interzone packet filtering,which of following traffic is not transmitted in the outbound direction?
A. Traffic from the DME to the untrusted zone
B. Traffic form the trusted zone to the DMZ
C. Traffic form the trusted zone to the untrusted zone
D. Traffic form the trusted zone to the local zone
Answer: D

179. which of the following statements regarding authentication in BGP configuration is true?
A. All the routers in the same AS must use the same password
B. A pair of BGP peers must use the same plaintext password
C. All BGP peers of a router must use the same password
D. A pair of BGP peers must use the same MD5 password
Answer: D

180. which of the following trainings are transfer-to-maintenance trainings after project delivery?
A. Networking and configuration training
B. Routine maintenance training
C. Emergent troubleshooting training
D. Management and security production training
Answer: A B C

181. which of the following envens represent the end of the network planning stage?
A. Project initiation
B. Bid release
C. Contract signing. Preliminary project acceptance
Answer: B

182. which of the following statements regarding OSPF external route types is false?
A. OSPF includes type 1 and type 2 external routes
B. The cost of a Type 1 external route is the addition of the AS external cost and the AS internal cost the cost form a router to an A
C. The cost of a Type 2 external route is the AS external cost
D. A Type 2 external route is always preferred over a Type 1 external route when other when other conditions are the same
Answer: D

183. which of the following statements regarding IP address allocation are true?
A. All IP addresses on a network must be unique except when anycast is used
B. IPv4 addresses are classified into Classes A. B. andC
C. The mask length of/24 can simplify network design
D. Variable length subnet mask(VLSM)is often used for determining mask lengths to improve IP address efficiency
Answer: A D

184. BGP is an interdomain routing protocol. which of the following statements regarding BGP are true?
A. BGP uses a reliable transport protocol
B. BGP supports automatic neighbor discovery
C. BGP supports plaintext authentication
D. BGP supports rich routing policies
Answer: A D

185. Which command is used to configure association between VRRP and a physical interface?
A. vrrp vrid 1track interface Gigabit EthernetO/O/O
B. Track vrrp vrid 1interface Gigabit EthernetO/O/O

C. vrrp vrid 1interface Gigabit EthernetO/O/O track

D. vrrp vrid 1interface Gigabit EthernetO/O/O

Answer: A

186. In OSPF.DR and BDR elected in a broadcast network listen on both 224.0.0.6.

A. TRUE

B. FALSE

Answer: T

187. Which are the two subfields in the port identifier of the uplink port on a non-root switch in RSTP?

A. l-byte port priority and 1-byte port number

B. l-byte port priority and 2-byte port mumber -

C. 2-byte port priority and 1-byte port number

D. 2-byte port priority and 2-byle port number

AnswenA

188. which of the following statements regarding router-LSA connectiontype is false?

A. Point-to-Point describes about the Point-to-point connection from the local router ti a neighboring ro

B. TransNet describes a connection form the local router to a transit network segment

C. StubNet describes a connection form the local router to a stub network segment

D. P2MP describes connections from the local router to multiple neighboring routers

Answer: D

189. which of the following networks are involved during construction of a large enterprise network?

ABackbone network

B. Transport network

C. Data center network

D. Wireless network E.Storage network

Answer: A C D lir.ISHiiiii'ii. tii.Liiji'v.idi:' ; illlli I I , i: i!rilii?t ;(ilii:il JlUIlli'ilhilliLMIlHI

190. To prevent inter-area routing loops,OSPF does not allow advertising routing information between two non-backbone areas and allows adcertising routing information area and a non-backbone area.therefore.each

ABR must be connected to the backbone area

A. TRUE

B. FALSE

Answer: T

191. Which command is used to configure the VRRP preemption delay?

A. vrrp vrid 1preempt-timer20

B. Vrrp vrid 1 preempt-timer delay 20

C. vrrp vrid 1timer delay 20

D. vrrp vrid 1 preempt-delay20

Answer: B

192. During the sbuctured network troubleshooting process,in which of the following phases is the fault reported or advertised to other departments?

A. Fault identification

B. Information collection

C. Cause list

D. Troubleshooting assessment Mi

Answer: iA BCD

193. During BFD. session establishment between decices,which state is not involved?

A. 2-way

B. down

C. in it

D. up

Answer: iA

194. which of the following packets are transmitted in unicast mode during IP address application by the DHCP client and IP address allocation by DHCP server?

A. DHCP Offer

B. DHCP Request

C. DHCP Discover

D. DHCPACK

Answer: iA D

195. which of the following statements regarding border security optimization are true?

A. Border security optimization aims to prevent or reduce external network attacks and harm

B. The optimization position is usually located at the net work edge I!;!'!!;!:! WillWMIllwiBliliilllfl

C. Optimization measures include attack defense technologies,packet filtering,and hardware firewalls

D. Border security optimization aims to achieve secure user access control

Answer: A B C

196.BGP is an enhanced distance-vector muting protocol; Which is the major reason for this?

A. BGP does not accept the mutes whose AS_Path attribute contains the local AS number

B. Nexthop is a well-known mandatory attribute of BGP mutes

C. The AS. Path attribute records all the ASs that a BGP route passes through on the transmission path In route selection rules a route with a shorter AS

D. The AS_Path attribute records all the ASs that a BGP route passes through on the

transmission path In route selection rules a route with a shorter AS_checked in IBGP
Answer: C

197. The jitter occurs because the E2E delays of data packets in the same flow are different.
A. TRUE
B. FALSE
Answer: T

198. which of the following command is used to configure the listening address of the SDN controller?
A. openflow listening-ip 1.1.1.1
B. sdn controller souce-addressl.1.1.1
C. controller-ip 1.1.1.1
D. sdn listening-ip 1.1.1.1
Answer: A

199. which of the following statements regarding BGP Update messages is false?
A. Generally Update messages are sent after Keepalive messages
B. Update messages are used to exchange routing information between BGP peers
C. Update messages can be used to advertise multiple reachable mutes
D. Update messages are sent in mulicast mode
Answer: D

200. a DHCP server may use different address ranges to allocate IP address to clients which of the following statements regarding address allocation are true?
A. IP address that is statically bound with the MAC address of a dient in database of the DHCP sever
B. IP address that has been allocated to the client,that is,the IP address in the Requested IP Addr Option of the DHCP
Discover packet sent by the chent
C. First available IP address found by the server in the DHCP address pool
D. On the DHCP server query Expired and conflicting IP addresses if you find an available IP address you can assign EiP address that once conflicts with the IP address of another dient
Answer: A BCD

201. When OSPF runs in a broadcast network,DR and BDR need to be elected in which state will DR and BDR be elected?
A. Init state
B. Attempt state
C. 2-waystste
D. Exchange state
Answer: C

202. SDN and NFV are essentiallu the same concept and both define network function virtualization
A. TRUE
B. FALSE
Answer: F illiiMOii

203. In a non-broadcast network, OSPF has two running modes:NBMA and P2MP,and DR/BDR need to be elected in a NBMA network
A. TRUE
B. FALSE
Answer: T

204. By default,to transmit routing information to other IBGP peers,a BGP speaker must establish IBGP connections with all other IBGP peers,forming IBGP fully meshed connections within an AS
A. TRUE
B. FALSE
Answer: T

205. In MSTP.each mstl calculates an independent spanning tree by using the RSTP algorithm
A. TRUE
B. FALSE
Answer: T

206. stp ensures a loop-free network but has a slow networke topology convergence speed,affecting communucation quality.RSTP has made some improvements based on STP which of the following improvements is not included?
A. RSTP deletes three port states and adds two port roles
B. RSTP reduces five port states and adds two port roles
C. The non-root switch running RSTP sends configuration
BPDUs at the interval specified by the hello timerr which is performed independently by each device
D. If a port does not receive configuration BPDUs from the upstream device within four hello intervals,the switch considers that the negotiation with the neighbor fails
Answer: D

207. The traditional tail drop method is used for packet loss,which causes global TCP synchronization
A. TRUE
B. FALSE
Answer: T

208. which of the following statements regarding label distribution control mode is true?

AThe down stream LSR detrmines a label bound to a specific FEC. and then notifies the upstream LSR

B. In Downstream on Demand(DoD)mobe,an LSR distributes a label to an FEC without having to receive the label request message from its upstream LSR

C. In Downstream Unsolicited(DU)mode,an LSR distributes a label to an FEC after receiving a label request messa from its upstream LSR

D. the upstream LSR and downstream LSR with label adjacencies may use different label distribution control modes

Answer: A

209. which of the following statements regarding MPLS is false?

A. MPLS supports various network layer protocols and the packets carrying MPLS labels must be encapsulated into PPP frames befames before being transmitted

B. MPLS labels uniquely identify specific packets in different subnets

C. The router can aggregate multiple IP flows into an FEC according to the forwarding target

D. Network connections must be established before the packets carrying MPLS labels can be transmitted E.MPLS replaces IP forwarding with label switching

Answer: A

210. which of the following statements regarding MUX VLAN is false?

AEach group VLAN must be bound to a principal VLAN

B. If the VLAN ID. has been used by the principal VLAN.this VLAN cannot be used for the VLANIF interface,super-VLAN or sub-VLAN

CAfter MUX VLAN is enabled on an interface,VLAN mapping and VLAN stacking can be configured on the interface

D. An enterprise can use the principal port to connect to the enterprise servers separate port to connect to enterprise customers and a group po employees can both access enterprise servers,enterprise employees can communicate with each other enterprise customers cannot communicate communicate with each other

AnswenC

211. An advanced ACL is a series of ordered rules with permit or deny clauses Which of the attributes can be used in acl rules to describe IP packets?

A. Source IP address

B. Destination IP address

C. Port number

D. ICMP packet type and message code

Answer: A BCD

212. which of the following BGP attributes are well-known mandatory attributes?

A. Local_Pref

B. Next_hop

C. AS_Path
D. MED
Answer: B C li Mil

213. IGMP not only supports IGMP General query and IGMPv2 group-specific query,and also IGMPv3 source/group-specific query
A. TRUE
B. FALSE
Answer: T

214. which of the following operations should be performed perferentially for telnet login failure troubleshooting?
A. Check whether the client can ping the server
B. Check whether the number of login users reaches the upper limit
C. Check whether an ACL is configured in the VTY user interface view
D. Check whether the access protocol is correctly configured VTY user interface interface view
Answer: A

215. ACL have two types of matching order configuration order and automatic order
A. TRUE
B. FALSE
Answer: T

216. The essence of SDN is to construct a brain for a network and achieve optimal global traffic through the global view and centralized control
A. TRUE
B. FALSE
Answer: T

217. which of the following regulations does not belong to the onsite behavior regulations during the service process?
A. Rights regulations
B. Operation regulations
C. Attitude regulations
D. Preparation regulations
Answer: D

218. which of the following device discovery modes are supported by huawei eSight network management software ?
A. By specified IP address
B. By specified IP address segment
C. By specified product model
D. Batch import by Excel file(containing specified IP addresses)

219. which of the following are included in the full lifecycle guest management of the agile controleer i ri.."
A. Account registration
B-Account approval and distribution
C. Account authentication.Account audit and deregistration
Answer: A BCD

220.when configuring source NAT with no-pat configuration parameters.which of the following statements is true
A. only the source IP address is translated
B. Only the destination IP address is translated
C. The source IP address and source port number are both translated
D. The destination IP address and destination port number are both translated
Answer: A

221.in bgp,zhe origin attribute of the routes imported using the import-router command is incomplete
A. TRUE
B. FALSE
Answer: T

222.What is the default sending interval of BED. packets?
A. 5s
B. lOOms
ClOOOms
D. IOS
Answer: C

223. If a failt cannot be rectified in a short time on a complex network but the customer needs to restore network availability immediately,which of the following actions is recommended?
A. Tell the customer that this is impossible
B. Set up an alternative network environment
C. Communicate with the customer on skipping the faulty node and set up an alternative network environment
D. Attempt rectify the fault if the fault cannot be rectified after a period of time communicate with the customer
Answer: C

224. A VPN instance is also called a VPN routing and forwarding table which of the following statements is fales?
A. VPN instances on a PE are independent of each other

B. Each VPN instance can be regarded as a virtual router which maintains an independent address space and has one or

C. A PE maintains multiple routing and forwarding including a public and forwarding table and one or more mm

D. A VPN instance can be bound to multiple sites Multiple sites can be bound to one VPN instance

Answer: D

225. What is the default hello interval of a DIS in a broadcast network?
A. 5s
B. IOs
C. 3.3 s
D. 40s
Answer: C

226. which of the following statements regarding OSPF packets are true?
A. An interface sends Hello packets immediately after being added to an OSPF area
B. After receiving a LSA Update packet a router must send a LSAck packet for acknowledgement
C. LSA Update packets carrying detailed LSAs are sent to synchronize the ISDB
D. LSA Update packets are sent only when adjacencies are established
Answer: A C I.. Ui:i! ' mm

227.The as-path attribute cannot take effect within an as,therefore,a bgp router will not adcertise any update message received from an ibgp peer to other IBGP peers.
A. TRUE
B. FALSE
Answer: T

228.in network desifn,a redundant network topology can be used to precuide higher reliability PP caustomer services which of the following topologies can be used to provide redundancy
A. Star topology
B. Ring topology
C. Bus topology
D. Dual-star topology
Answer: B D

229. The master/salve relationship of ospf neighbors is negotiated using DD. packets
A. TRUE
B. FALSE
Answer: T

230. which of the following time can be used as the filtering conditions for historical alarm

query on eSight ? J

A. Alarm severity

B. First occurrence time

C. Alarm source

D. Alarm name

Answer: A BCD

231. which of the following statements regarding the stateful inspection firewall is true?

A. The stateful inspection firewall needs to match the rules for each incoming packet

B. Because UDP is a connectionless protocol so the stateful inspection firewall cannot match UDP packets with the status table

C. When the stateful inspection firewall checks packets packets of one same connection are ont correlated

D. The stateful inspection firewall only needs to match the first data packet against a rule and the subsequent packets of the conned

Answer: D

232. Using default routes between routers is a cost-effective solution,but this consumes more system resource than complete routing table

A. TRUE

B. FALSE

Answer: F

233. which of the following are the differences between IGMP versions?

A. IGMPvl and IGMPv2 do not support querier election but IGMPv3 does

B. IGMPv2 and IGMPv3 allow users to leave a group proactively whereas IGMPvl does not

C. None of IGMPvl IGMPv2,and IGMPv3 suppports the SSM model

D. IGMPvl does not support group-specific query whereas IGMPv2 does

Answer: B D

234. which of the following troubieshooting methods is not based on the TCP/IP reference model?

A. Configuration comparison

B. Top-down

C. Bottom-up.Replacement

Answer: A

235. RTA is the soutce desifnated router.and RTB is the rendezvous point.the multicast source sends multicast data to RTA.which of the following are the possible causes? ilia

A. There is no unicast route from RTB to RTA

B. RTA cannot learn the RP information

C. There is no multicast route from RTA to RTB

D. The RP learned by RTA is not RTB

Answer: B D

236. which of the following is not overlay VPN technology?
A. GRE
B. IPSec VPN
C. SSL VPN
D. L2TP VPN
Answer: D

237. which of the following methods is used to control internal employees and guests access networks in the agile controller wireless access control scenario?
A. Access control by user name
BAccording to whether the wireless terminal MAC address registration control access
C. Access control by SSID(different SSIDs for internal employees and guests)
D. Access control by wireless terminal type
Answer: C IvilhrlilliUI

238.When a bgp muter receives a route with an unreachable next hop.how does it process the route?
A. it sends an error message to the router that sends the update message
B. it does not add this route to its BGP routing table and discards this route
C. it accepts and adds this route to its BGP routing table However this route will not be preferred by BGP and not added to the IP routing table
D. it accepts and adds this route to its BGP muting table this route will participate in BGP mute selection and may become the optimal route ai
Answer: C

239. which drop policy is not indued by congestion avoidance?
A. FIFO
B. RED
C. WRED
D. WFQ
Answer: A D

240. which of the following items is conducted in the cause list phase of the structured network troubleshooting process?
A. One-by-one check
B. Information filter
C. Temporary environment setup
D. Troubleshooting assessment
Answer: B

241. which of the following statements regarding huawei network optimization service (NOS) is true?

A. Improves network availability and performance

B. improves the productivity

C. Reduces costs

D. Implements knowledge transfer

Answer: A BCD

242.When bgp route load balancing is configured,and there are two load balabcing routes whose first eight bgp attrubytes described in bgp route the two routes prefix be adveried to neighbors?

A. The two routes will be both advertised to other BGP peers

B. One optimal route is selected from the two routes and then advertised to other BGP peers

C. The two routes will not be advertised to other BGP peers

D. One optimal route is selected from the two routes and then advertised to IBGP peers

Answer: A

243.0n a statefulinspection firewall where three is no session tablefwhen the staus detection mechanism is enabled and the second packet of 3-way handshakes which of the following statements is true?

AJf the firewall security policy permits packets to pass the packets can pass the firewall

B. If the firewall security policy permits packets to pass the session table is created

C. By default when status detection is disabled and the permit policy is created

D. Packets must pass the firewall and a session table is established

Answer: C

244. which of the following messagesare are supported by

BGP?

A. Keepalive

B. Open

C. Update

D. Hello

Answer: A B C

245.By default,vrrp on a huawei AR router works in preemaption mode

A. TRUE

B. FALSE

Answer: T

246. an enterprise network usually uses private IP addresses for internal communication which of the following addresses is a prvate IP address?

A. 0.1.1.1

B. 127.5.4.3

C. 128.1.0.5

D. 172.24.35.56 E.231.33.24.35

Answer: D

247. Port isolation can isolate communication between dufferent interfaces in the same VLAN on a switch
A. TRUE
B. FALSE
Answer: T

248.Compared with ospf,which of the following statements regarding IS-IS are true?
A. IS-IS supports more network types
B..IS-IS supports more area types a "iiiifiL
C..IS-IS has better scalability
D..IS-IS supports fewer protocol packet types
An$wer:C D

249. which of the following statements regarding the model is false?
A. RSVP is used to transmit signaling of Qos requests.notifying the router of Qos requirements of the application
B. Lt provides guaranteed bandwidth and delay to meet requirements of the application
C. Lt can provide a load control service to ensure that even in the case of network overload can provide services similar to the net model ensures that packets of some applications can be processed with the low delay
D. In this model the network maintains the status of each flow(IP addresses and port numbers of source and destination and destination ends)meeting application requirements
Answer: D

250. which of the following statements regarding network address and port translation and no port translation is ture?
A. After NAPT translation all packets are from the same IP address for external users
B. In No-PAT mode only the transport layer protocol port number can be converted
C. In NAPT mode only the network layer protocol address can be converted
D. In No-PAT mode the network layer protocol address can be converted
Answer: D

251. VXLAN is irrelevant to SDN technology.
A. TRUE
B. FALSE
An$wer:T

252. In a MPLS VPN network, two-layer MPLS labels are added to data packets before they are transmitted over the public network.Which of the following statements regarding two-layer labels are false? (Multiple Choice)
AThe outer label is the private network label and the inner is the public network label

B. The MPLS VPN outer label is distributed manually by the LDP protocol The inner label is distributed by the peer M

C. By default the outer label in data packets is popped out before being forwarded to the last hop

D. The outer label is used to instruct the PE to send data packets to the correct VPN

Answer: A D

253. LDP uses Discovery messages to discover neighbors through different neighbor discovery mechanisms Which of the following statements regarding basic discovery mechanisms are true? (Multiple Choice)

A. The destination IP address of the LDP Discovery message is the multicast IP address 224.0.0.2

B. The LDP Discovery message is sent to the specified LDP peer

C. The LSR does not does not send Hello messages any longer after TCP connections are established

D. The LDP Discovery message is encapsulated into a UDP packet and its destination port number is 646

Answer: A D

254. A customer needs to select Layer 3 100M switches from a series of Huawei s campus switches. Which of the following series is proper ?

A. S2700

B. S3700

C. S5700

D. S6700

Answer: B

255.which of the following commands can display route calculation statistics in an OSPF process? ysi

A. display ospf cumulative

B. display ospf spf-statistics

C. display ospf global-statistics

D. display ospf request-queue

Answer: B

256. which of the following aspects should be considered for migration risk assessment?

A. Key risk positions

B. Risk impact scope

C. Risk impact time

D. Loss caused by risks

Answer: A BCD

257.When two routers exchange LSDB information using DD packets, a master/slave relationship is formed first, the router with a larger router ID. is the master, and determine

the MS bit.
A. TRUE
B. FALSE
Answer: T

258. which of the following attacks is not the network layer attack?
A. P spoofing attack
B. Smurf attack
C. ARP spoofing attack
D. ICMP attack
Answer: C

259.Which information are included in the DHCP binding entry?
A. MAC address
B. IP address
C. Lease time
D. Physical port and UDP port
Answer: A B C

260. DHCP snooping is a valid security mechanism.Which of the following attack prevention methods can DHCP snooping
A. Defense against bogus DHCP server attacks
B. Defense against Dos attacks on the DHCP server
C. Defense against MAC address flooding attacks
D. Source MAC address check for data packets in collaboration with DAL E. Source IP addess check for data packets in collaboration with IPSG
Answer: A B E IIIII

261. which of the following statements regarding join member interfaces are false when link aggregation works in manual mode ?
A. An Eth-Trunk cannot be nestled and a member interface cannot be an Eth-Trunk
B. An Ethernet interface can join only one Eth-Trunk Before adding an Ethernet interface to an Eth-Trunk ensure that the Ethernet interface
C. Lf the local device uses the Eth-trunk the remote interface directed to the member interface must join the Eth-Thrunk so that bot
D. An Eth-Trunk can work in layer 2 or Layer 3 mode The two working modes can be identified automatically and do not need to be switchr
Answer: D

262. Which packet information can be used for complex traffic classification?
A. Packet length
B. Source and destination addresses
C. Protocol type
D. Source and destination MAC addresses

Answer: B C D

263. which of the following statements regarding BGP route advertisement are false?
A. All the BGP routes learned from all BGP peer will be advertised to other BGP peers
B. Only the routes learned from IGPs can be advertised to other
BGP peers
C. By default the routes learned from an IBGP peer will not be forwarded to other IBGP peers
D. only the optimal routes preferred by BGP can be advertised to other BGP peers
Answer: A B

264. What are the features of SDN network architecture?
A. Separated forwarding and control layers centralized control and open interfaces
B. Separated forwarding and control layers distributed control and open interfaces
C. Centralized forwarding and control layers centralized control and open interfaces
D. Separated forwarding and control layers centralized control and closed interfaces
Answer: A

265. MPLS uses LDP to provide different label distribution modes.Which of the following statements regarding LDP label distribution control modes are false?
ALDP label distribution can be controlled in ordered mode

11
B. In ordered mode when an LSR is the origin of a route it can send label mapping messages to the upstream router in
C. LDP label distribution cannot be controlled in independent mode
D. In independent mode an LSR cannot send label mapping messages to the upstream router before it receives label m
Answer: C D

266.The difference between an OSPF NSSA area and a stub area is that external routes can be imported into a NSSA area.
A. TRUE
B. FALSE
Answer: A

267. In addition to P2P network, which of the following network types is supported in IS-IS else?
A. P2MP
B. NBMA
C. SNAP
D. LAN(broadcast network)

Answer: D

268. which of the following statements regarding different types of firewalls is false?
A.The packet filtering checks each data packet against ACLrules
B. The stateful inspection firewall uses security policies to check only first packet of non-matched sessions
C. The security policies in two directions need to configured on the stateful inspection firewall
D. The proxy firewall processes services of users of users on internal and external networks
Answer: C

269.What is the multicast destination address of VRRP packets?
A. 224.0.0.18
B. 224.0.0.20
C. 224.0.1.18
D. 224.0.1.20
Answer: A

270. which of the following statements regarding the LSA header information in AS-external-LSA is false?
A. Link State ID. indicates a destination network address
B. Advertising Router indicates the router ID. of an ASBR
C. Net mask indicates the network mask of the destination network segment
D. Forwarding Address is always O.O.O.O.
Answer: D

271.A DHCP server provides different address allocation modes to meet various application requirements.Which address allocation mode can be used to allocate an IP address to a host requiring temporary network access
A. Automatic allocation
B. Dynamic allocation
C. Manual allocation
D. Manual or dynamic allocation
Answer: B

272. which of the following statements regarding the summary automatic command BGP route summznzation is false?
A. This command enables automatic summarization for the locally imported routes
B. After this command is configured BGP summarizes routes based on natures based on natural network segments
C. After this command is configured BGP sends only the summarized routes to peers

D. After this command is configured BGP does not accept the subnet routes advertised by IGPs Therefore the number of routing information is reduced

E. This command is used to implement automatic summarization Automatic summarization takes precedence over manual summarization

Answer: E

273. During unpacking and inspection, the device appearance is intact and all modules work properly after the first power-on. After the device does not conform to DOA conditions

A. TRUE

B. FALSE

Answer: B

274.274.If there are no receivers on a PIM-SM network, which of the following routers will have multicast routing entries?

A. Source DR

B. Receiver s router

C. Last-hop router

D. RP router

Answer: A D

275.When a large number of IP phones and WLAN APs exist on a network, which of the following switches is used?

A. Switches supporting STP edge ports

B. Switches supporting PoE

C. Switches supporting SAGG

D. Switches supporting QoS

Answer: B

276. which of the following contents are included in a project implementation solution?

A. Time plan

B. Personnel arrangement

C. Migration process

D. Risk control measures

Answer: A BCD

277. Packet loss occirs only at the transmit end

A. TRUE

B. FALSE

Answer: F

278. The peer default-mute-advertise command is executed on a BGP muter to advertise a default mute to neighboring routers.Which of the following statements regarding the change of local BGP muting table is true? /LAn inactive default mute will be generated in

the local BGP muting table,but this mute will not be delivered to the IP muting table 'iililiiiiiHII

B. An active default mute will be generated in the local BGP muting table and delivered to the IP muting table.

C. No default mute will be generated in the local BGP muting table

D. A default mute will be generated in the local BGP muting table Whether the default mute will be delivered to the IP muting table depe

Answer: C

279. which of the following statements regarding multicast are false?

A. Unicast and broadcast technologies cannot implement point-to-muliipoint transmission only.multicast this function

B. Multicast technology is applicable to most of point-to-multipoint data transmission applications

C. Multicast technology is based on TCP so it can ensure reliable transmission of packets

D. Multicast technology can reduces reduces redundant traffic and conserves bandwidth on a network

Answer: A C

280. which of the folowing firewalls has the highest forwarding efficiency when processing non- first-packet data flows?

A. Packet filtering firewall

B. Proxy firewall

C. Statsful inspection firewall

D. Software firewall

Answer: C

281. which of the following contents are include in a migratior project solution?

A. Migration preparation

B. Migration implementation

C. Rollback solution

D. Contingency plan

Answer: A BCD

282.Flow mirroring is divided into local Flow mirroring and remote Flow mirroring.

A. TRUE

B. FALSE

Answer: T

283. which of the following statements regarding ABR is false?

A. An ABR has multiple LSDBs and maintains one LSDB for each area

BAn ABR abstracts link state information within its connected non-backbone area as routing information and

C. An ABR needs to abstract link state information within the backbone area as routing

information and advert

D. An ABR can generate Type 3 LSAs Type4 LSAs and Tybe 5 LSAs

Answer: D

284. which of the following is not an external risk to a project ?

A. Exchange rate change

B. Rainstorm disaster

C. Social unrest.Differences of industrial standards

Answer: D

285. which of the following statements regarding huawei eSight network management software is false?

A. eSight is a lightweight system and a wizard is available for eSight installation

B. eSihht adopts the C/S architecture so users can access eSight using a browser anytime anywhere

C. eSight provides corresponding solutions for different customers

D. eSight can uniformly manage devices from multiple vendors

Answer: B

286. which of the following are hights of the servece chain component of the agile controller?

A. Services are orchestrated based on the Layer 3 GRE tunnels and service devices can be deployed flexibly

B. Service orchestration operations are visualized in the topology simplifying the configuration and management

CAdding or deleting service devices does not change the physical of the live network and existing routes

D. Serviees are orchestrated automatically without the need for manual maintenance

Answer: A B C

287. which of the following statements regarding BGP route selection rules are true?

A. The route with the higher local preference is preferred

B. A summarized route is preferred over a non-summarized route

C. The priorities of three origin attributes types are in the following order EGP IGP Incomplete

D. Among the equal-cost routes the route with the shorter duster-list is preferred

Answer: A B D

288.Upon VRRP group flapping, the vnp vrid timer advertise command is executed on the router to increase the interval for sending VRRP packets,backup device to check the State field. It is found that the value of State remains unchanged. Which of the following statements regarding these operations is true?

A. A small interval for sending VRRP packets may cause status flapping of the backup device

B. A large interval for sending VRRP packets may cause status flapping of the backup device

C. Status flapping of the backup device is irrelevant to the interval for sending VRRP packets

D. The fault cause is not found and it takes time for the device to recover from the fault

Answer: A

289.A DHCP client needs to obtain an IP address from the
DHCP server when accessing a network for the first time. When the client accesses the network again, which of the following statements are true?

A. The DHCP client broadcasts a DHCP Discover packet The
DHCP server replies to the packet

B. The DHCP client only needs to broadcast a DHCP Request packet containing the IP address obtained last time but does not

C. After receiving the DHCP Discover packet the DHCP sends a DHCP offer packet containing the leased IP and server

D. After receiving the DHCP Request packet the DHCP server returns a DHCP ACK packet if the requested IP address is not alio

Answer: B D

290. During EBGP peer relationship troubleshooting, it is found that two directly connected devices set up connections using loopback interfaces.command is executed to check the configuration of peer ebgp-max hop hop-count.Which of the following statements is correct

A. The hop count must be greater thanl

B. The hop count must be greater than2

C. The hop count must be greater than 15

D. The hop count must be greater than 255

Answer: A

291. In the VRP, by default, the routes imported by BGP will be automatically summarized.

A. TRUE

B. FALSE

Answer: F

292.which of the following protocols can be deployed to quickly detect network link faults?

A. BFD

B. RSTP

C. iSPF

D. Smart-Link

Answer: A

293. In an OSPF routing domain two routers must be specified as one DR and one BDR in

a broadcast or NBMA network with at least two routers.
A. TRUE
B. FALSE
Answer: F

294. eSight single-server mode allows login of only one user. If another user logs in, the system displays a message indicating that a user is online currently
A. TRUE
B. FALSE
Answer: F

295. When QoS is deployed on a network to improve the quality of some services, the quality of other services must deteriorate
A. TRUE
B. FALSE
Answer: T

296. Which of the following is not the application scenario of the guest access management function of the Agile
Controller?
A. Customers access the enterprise network public resources or Internet during exchanges with or visits to the enterprise
B. Citizens access the Internet through the network provided by public utilities
C. Consumers connect to the Inernet over the enterprise network
D. Enterprise employees on a business trip connect to the enterprise network through branch network
Answer: D

297. In DU label advertisement mode if the liberal label retention modes is used,the device reserves labels received from all the LDP peers regardless of whether the LDP destination network.
A. TRUE
B. FALSE
Answer: A

298. When a BGP muter receives a mute with an unreachable next hop, how does it process the mute?
A. it sends an error message to the muter that sends the Update message
B. it does not add this mute to its BGP muting table and discards this mute
C. It accepts and adds this mute to its BGP muting table However this mute will not be preferred by BGP and not added to
D. it accepts and adds this mute to its BGP muting table This mute will participate in BGP mute selection and many become

Answer: C

299.OSPF supports multi-process. Multiple OSPF processes can run on the same router, and they are independent of each other. Route exchange between between different routing protocols.
A. TRUE
B. FALSE
Answer: A

300.After PPP Multilink is configured, data is evenly allocated to member links based on the source and destination addresses.
A. TRUE
B. FALSE
Answer: B

301. which of the following BGP routing policy tools can filter routes?
A. ip extcommunity-filter
B. route-policy
C. filter-policy
D. peer-list
Answer: A B C

302.The IP prefix configuration command is ip ip-prefix ip-prefix-name [index index-number) {permit | deny} ipv4-address mask-length If greater-equal is specified but less-equal is not, what is the IP prefix range?
A. [0.greater-equal-value]
B. [mask-length,greater-equal-value|
C. [greater-equal-value.32]
D. Unlimited
Answer:C

303. In vAR application scenarios, which functions of the AR Router can be virtualized on a server?
A. Firewall
B. VoIP
C. NAT
D. VPN
Answer: A B C D

304. which of the following statements regarding well-know attributes are true?

A. Well-known attributes include well-known mandatory attributes and well-known transitive attributes

B. BGP must identify all well-known attributes

C. Well-known mandatory attributes can be identified by all BGP routers and must be carried in update messages

D. Well-known discretionary attributes can be identified by all BGP routers but do not necessary to be carried in update messages

Answer: B C D

305. which of the following statements regarding multicast MAC addresses are false?

A. The high 24 bits of the multicast MAC address are 0x01005f the is fixed to 1and the lower 23 bits of the MAC

B. One multicast MAC address maps to 32 multicast IP addresses

C. A multicast MAC address identifies receivers of a multicast group on the data link layer

D. One multicast MAC address maps to only one multicast IP address

Answer: A D

306. which of the following LSA packets carries master relationship information?

A. Hello packet

B. DO packet

C. LSA Update packet

D. LSA Request packet

Answer: B

307. which of the following statements regarding OSPF multi-instance is false7

A. OSPF multi-instance takes effect globally

B. An interface of a router belongs to only a certain OSPF process

C. Route exchange between different OSPF processes is similar to route exchange between different routing protocols

D. Multiple OSPF processes can run on the same router and they are independent of each other

Answer: A

308. which of the following statements regarding VRRP is false?

A. The master in the VRRP group is selected based on priorities

B. The master sends gratuitous ARP packets and notifies the connected device or host of its virtual MAC address 'iSSi

C. if the master fails the new master is selected among backup devices based on priorities

D. The priority ranges from 1to 255 When the backup received VRRP Advertisement packets which the priority is 0 the backup discards the packets

Answer: D

309. Fast detection technology can rapidly detect communication faults between neighboring devices as soon as possible so that the interrupted
A. TRUE
B. FALSE
Answer: A

310. When hosts and servers in the same zone communicate with each other, NAT is not required.
A. TRUE
B. FALSE
Answer: B

311. which of the following statements regarding BGP route advertisement rule are true?
A. A BGP Speaker advertises all BGP mutes to new peers immediately after they establish BGP connections
B.A BGP Speaker advertises all BGP routes to its peers ([.Generally when multiple mutes exist a BGP Speaker adds only the optimal mute into its muting table
D. A BGP Speaker advertises the mutes learned from an EBGP peer to all peers including EBGP peers and IBGP peers
Answer: A C D

312. which of the following statements regarding the OSPF feature is false?
A. OSPF uses the link state algorithm
B. Each router advertises local link state information by flooding LSAs
C. Each OSPF device collects LSAs sent by other routers All LSAs form the link state database (LSDB)
D. All the routers in OSPF Area 0 have the same 13DM LBased on the directed graph each router uses a SPF algorithm to compute the shortest path tree with itself as the root
Answer: D

313.What is the function of the detail-suppressed keyword in the aggregate command?
A. It suppresses the delivery of generated summarized routes to the IP routing table
B. It suppresses the delivery of specific routes to the IP routing table
C. It only advertises the summarized routes to other BGP peers
D. It advertises both the summarized routes and specific routes to other BGP peers
Answer: C

314. which of the following statements regarding BGP is false?
A. BGP is an exterior routing protocol and is used to transmit routing information between

ASs

B. BGP is a link-state routing protocol

C. BGP supports CIDR

D. BGP provides abundant route filtering and routing policies

Answer: B

315 if an alarm BGP/2/BACKWARD: OID. [old] The BGP FSM moves from a higher numbered state to a lower numbered state, is generated during BGP the cause of this alarm is felse?

A. The BGP Hold timer expires and no Keepalive message is received

B. BGP receives an incorrect BGP message

C. The BGP peer neighbor is reset and proactively disconnects the peer relationship

D. BGP receives a Notification message from a neighbor LThe alarm is normal and no action is required

Answer: A

316. What are the basic work process steps of SDN?

A. Collect network topology information

B. Collect NE resource information

C. Collect forwarding information

D. Generate routes for internal exchange

Answer: A B D

317. which of the following statements regarding OSPF stub area is true?

A. AS-external-LSAs can be advertised within a stub area

BAS external route can only be based on a default route that is manually configured on an ABR

CA virtual link cannot pass through a stub area

DAny area can be a stub area

Answer: C

318. which of the following are roles in port mirroring?

A. Mirrored port

B. Local observing port

C. Remote mirroring port

D. Trunk port

Answer: A B C

319.The import-route limit command cannot limit the maximum number of external routes that can be imported into an OSPF process.

A. TRUE

B. FALSE

Answer: B

320. how does an IGMPv2 router maintanin group membership on the local network segment?

A. A router maintains a timer for each group membership and periodically resets the timer if it receives Report message

B. A router periodically sends Query messages and receiver hosts send Report messages after receiving the Query me

CA router periodically sends Group-Specific Query messages periodically

D. A router will not delete any group memberships unless it receives Leave messages

Answer: ^ B C

321. Which of the following tools is used to filter routing information and set route attributes based on routing information?

A. as-path-filter

B. IP-Prefix

C. Route-policy

D. Policy-based-route

Answer: C

322 An LSR supports various label retention modes. Which of the following statements regarding the liberal mode are true?

A. An LSR reserves all label sent by its neighbor

B. The liberal mode requires more memory and label space

C. An LSR retains labels from a neighboring LSR only when the neighbor is its next hop

D. This label retention mode saves the memory and label space B label retention mode reduces the LS

Answer: A B E

323. which of the following statements regarding the OSPF protocol are true?

A. An OSPF topology has three endpoint types.router node,stub network segment and transit network segment

B. A broadcast network segment or a NBMA network segment with at least two routers are a type of transit network segment

C. The default bandwidth reference value of OSPF is 100 Mbit/s

D. The cost from a transit network segment to the router connected to this network segment is 100

Answer: tA B C

111

324. On the DifIServ network, what is the main purpose of defining the service type of the EF classification?

A. Preferentially guarantee the services that require short delay low packet loss low jitter and assured bandwidth

B. Provide channels for packet forwarding

C. Ensure bandwidth for specific traffic

D. Ensure that packets are forwarded with the minimum delay

Answer: A

325. which of the following statements regarding MUX VLAN is true?

A. You do not need to configure the principal VLAN and subordinate VLAN in sequence

B. The MUX VLAN function must be enabled on an interface so that it can take effect

C. The principal VLAN and the subordinate VLAN of the MUX VLAN can be the same VLAN

D. The MUX VLAN can contain only one subordinate group VLAN

Answer: B

326. Which problems of the single spanning tree network can be solved by MSTP?

A. Some VLAN paths are unreachable

B. Traffic cannot be load balanced.'kiriln i iLi'.IWniCIVnii

C. The secondary optimal path is selected

D. Lmprove the network reliability

Answer: A B C

327. Congestion management technology defines scheduling policies to determine the order of packet processing

A. TRUE

B. FALSE

Answer: A

328. What is the default priority of the device in a VRRP group?

A. 200

B. 150

C. 100

D. O

Answer: C

329. An attacker sends ICMP Request packets with the destination address as the broadcast address of the attacked user host.What is this attack?

A. IP spoofing attack

B. Smurf attack

C. ICMP redirection attack

D. SYN Flood attack

Answer: B

330. If some devices on a network run MPLS (MPLS domain is encapsulated in the IP domain), labels are generated only for direct routes of devices running from other devices in the IP domain

A. TRUE

B. FALSE
Answer: A

331.Whieh of the following LSPs are established in
Downstream Unsolicited (DU) label advertisement mode and ordered label distribution control mode?
AWhen the edge node finds a new destination address in its routing table that does not belong to any existing FEC the edge bode not crate
BAn LSP is established by binding an FEC to a label and advertising the binding relationship to the neighboring LSR
C. If the egress node has available labels for distribution it allocates labels for the FEC and sends a label mapping message to the upstream node
DAfter receiving a label mapping message the LSR adds the corresponding entry to the label forwarding table
Answer: B C D liliiiSlillt

332.During configuration of the WRB3 drop profile, the lower drop threshold and upper drop threshold for AF21 traffic are

35 and 90, the lower drop threshold and upper drop threshold for. and the lower drop threshold and upper drop threshold for AF23 traffic are 25 and 90. The maximum drop probability for AF21, AF22, and AF23 traffic is 10%. Before congestion occurs, which type of traffic can obtain bandwidth guarantee?
A. AF21
B. AF22
C. AF23
DAF21,AF22,and AF23 traffic
Answer: A

333..MUX VLAN provides a mechanism for network resource control based on VLANs.Which of the following concepts do not belong to the MUX VLAN?
APrincipal VLAN
B. Subordinate VLAN
C. Guest VLAN.Subordinate group VLAN
Answer: C

334.Which of the following aspects should be considered during preliminary analysis of a migration project ?
A. Necessity
B. Feasibility
C. Risks
D. Costs
Answer: A B C

335. In an IS-IS broadcast network, which multicast MAC address is used by a Level-2 muter as the destination address of sent IS-IS Hello packets?
A. 0180- C200-0014
B. 0180-C200-0016
C. 0180-c200-0015
D. 0100-5E00-0002
Answer: C

336. An AS boundary router can be an internal router or ABR and must belong to the backbone area
A. TRUE
B. FALSE
Answer: B

337. which of the following statements regarding a multicast distribution tree is false?
A. There are two types of multicast distribution trees:SPT and RPT iiifl
B. The PIM-SM protocol can generate both RPT trees and SPT tress
C. The P1M-DM protocol can generate both RPT trees and SPT trees
D. The PIM-DM protocol can generate only SPT trees
Answer: C

338.Which of the following parameters is optional when you configure a RADIUS server template on a Huawei switch?
Authentication server IP address and port
BAutomatic RADIUS user detection
CAccounting server address and port
D. Shared-key
Answer: B

339. which of the following OSPF neighbor states occurs only on NBMA network?
A. Down
B. Lnit
C. Attempt
D. 2-way
Answer: C

340.ASFF enables the firewall to support multi-channel protocols such as FTP and to define security policies for complex applications
A. TURE
B. FALSE
Answer: A

341.Which of the following commands can display OSPF neighbor information on the VRP platform?

A. Display ospf peer

B. Display ospf interface

C. Display ospf Isdb

D. Display ospf routing

Answer: AB

342.Which application environment of following is NFV often deployed?

AData center

B. Network node

C. User access side

D. Client/Server

Answer: ABC asat

343. which of the following statements regarding EGP and IGP is false?

A. IGB runs within an AS

B. EGP suns between ASs

C. IGP focuses on controlling route advertisement and optimal toute selection

D. Egp itself is an old protocol

Answer: C

344 When BFD. detectbn intervals at both ends are 30ms and

40ms.Which of the following statement is true?

A. A BFD. session can be set up. After the negotiation, the detection interval of 90ms is used.

B. A BFD. session can be set up. After the negotiation, the detection interval of 30ms is used.

C. A BFD. session can be set up. And packets are sent at respective interval at both ends.

D. A BFD. session canot be establisheed.

Answer: A

345.To avoid global TCP synchronization, which congestion avoidance mechanisms can be used?

A. Red

B. Wred

C. TALL DROP

D. WFQ

Answer: AB

346. which of the following commands can display OSPF neighbor status information?

A. Display ospf peer

B. Display ip ospf peer

C. Display ospf neighbor

D. Display ip ospf neighbor

Answer: A

347. which of the following statements regarding huawei network optimiation service is false?
A. Life cycle assessment (LAC) is a technique to check and analyze life cycles of devices on the live network. With lea, end of sales, production, software update, or technical support, preventing life cycle-caused operation risks.
B. Software assessment & recommendation is a technique to assess and analyze all software used by party a in the service period. Base proper software version to prevent issues caused by know issues.
C. Configuration assessment & optimization is a Technique to develop and periodical! maintain decice configuration profiles on customer recommendation result, this service applies related software to command lines in the recommended target version, implementing refined configu
D. Network health check enables huawei rechnology experts to review the rationality,security,and scalability of the network architecture based on impreovement suggestions based on the assessment result.
Answer: D

348.In a route-policy, which of the following BGP attributes can be used in apply clauses?
A. local-Prference
B. Tag
C. MED
D. AS. Path
Answer: ACD

349. which of the following statements regarding P2MP network is true?
A. in a P2MP network devices with different mask lengths cannot establish neighbor relationships but this limitation can be ov
B. In a P2MP network DR and BDR need to be elected
C. OSPF does not regard a network as a P2MP network type by default regardless of any link layer protocol A P2MP network
D. In a P2MP network sent LSAs can be filtered using the filter-lsa-out peer command
Answer: ACD

350.Which are lower-layer physical devices of NFV framework?
A. Storaage devie
B. Network device
C. Server
D. Air conditioning system
Answer: ABC

351. RSTP is different from STP regarding defining port states. Which port states does RSTP define?

A. Discarding

B. Learning

C. Forwarding

D. Discarding,Learning,and Forwarding

Answer: D

352. a DHCP server allocates IP addresses to clients which of the following steps are required when configuring a

DHCP server.

A. Enable DHCP globally

B. Configure the DHCP option 82 field

C. Configure the globally address pool if the DHCP server based on the global address pool is used.

D. Configure the interface address pool if the DHCP server based on the interface address pool is used.

Answer: ACD

353.0nly MD5 authentication is supported between BGP peers.

A. TURE

B. FALSE

Answer: A

354.RSTP provides faster convergence than STP. what are causes?

A. RSTP defines the edge port role. The edge port does not receive and process configuration BPDUs, and not partcipate in RSTP calcuation

B. When the root port fails, the optimal alternate port will beconme the root port and the forwarding state.

C. In RSTP, when a port is elected as the designated port, it enters the discarding state. Then the port immediately enters the forwarding state

D. In RSTP , when a port receives rst bpdus form the upstream designated bridge , the port will compare the own stored rst bpdu with the E. When the dessignated port fails, the optimal altermate port will become the root port and enter the forwarding state.

Answer: ABCD

355. which of the following hello packets are used in IS-IS?

A. Level-1LAN IIH

B Level-2 LAN IIH

C. Level-3 LAN IIH

D. P2P LAN IIH

Answer: ABD

356. which of the following are possible causes for an MSTP failure in a LAN?

AMSTP is configured incorrectly

B. A physical link alternates between up and Down triggering the device to send a large

number of TC packets

C. The MSTP-enabled device receives MSTP TC packets that are transparently sent or from the client

D. The priority of the port in the specified MSTL is not configured

Answer: ABC

357. which of the following statements regarding network-summary-LSA are true? il l i :. Ill

Alink State ID. in Network-Summary-LSA is set as the destination network IP address

B. Net mask in Network-Summary-LSA is set as the network mask of the destination network segment

C. Metric in NETwork-Summary-LSA is set the cost of a route from an ABR to a destination network segment

D. Network-Summary-LSA is generated by an ASBR.

Answer: ABC

358.Which of the following configuration can enable indirectly connected EBGR peers to establish a connection normally?

A. peer connect-interface

B. peer ebgp-max-hop

C. peer ignore

D. peer as-number

Answer: B

359.In static LACP mode, the active interfaces selected by devices at both ends must be the same, otherwise, a LAG cannot be set up. active interfaces based on the Active side. So, in static LACP mode , how is the Active side be selected?

A The end with a smaller LACP system priority functions as the

Active side.If the two ends have the same LACP system priority,the

B. The end with a smaller MAC address is selected as the

Active side.

C. The end with a higher LACP system priority functions as the

Active side.If the two ends have the same LACP system priority,the

D. The end with a lower LACP system priority functions as the

Active side.If the two ends have the same LACP system priority,the

Answer: D

360. which of the following statements regarding OSPF special areas is false?

A. A totally stub area allows the Type 3 default route advertised by an ABR.and does not allow AS external routes and inter-area routes.

B. Different from a totally stub area,a stub a

C. Different from a stub area,an NSSA area allows importing

AS external routes,An ABR advertises these routes within its area using Typ

D. Different from an NSSA area,a totally stub area does not allow inter-area mutes.

Answer: C

36 1. AN ABR IN AN OSPF TOTALLY STUB AREA DOES NOT FLOOD. TYPE 3 LSAS.TYPE 4 LSAS.OR TYPE 5 LSAS WITHIN THIS AREA. WITHIN THIS AREA TO INSTRUCT HOW TO TRANSMIT PACKETS TO A DESTINATION OUTSIDE AN AS.

A. TRUE

B. FALSE

Answer: B

362. in most cases, optical power is expressed in dbm.which of the following values in dbm is supported by most optical transceiver devices to receive and identify data ?

A. -30DBM

B. -10DBM

C. 10DBM

D. 30DBM

Answer: A

363. which of the following statements regarding qos packet loss are false?

A. when a router receives data packets, packet loss may occur because the cpu is busy and cannot process data packets.

B. when data packets are scheduled to queues, packet loss may occur because the queue is full.

C. when data packets are transmitted on a link, packet loss may occur because of link faults.

D. packet loss is generally caused by the delay, the tall drop packet loss may occur because of the queue is full Mill -

Answer: D

364.which of the following statements regarding DR/BDR are false?

A. All DR others establish neighbor relationships with DR and

BDR only.

B. In a broadcast network, DR and BDR must be elected. A broadcast network without a DR or BDR cannot operate normally.

C. DR others listen on the multicast address 224.0.0.5.

D. DR others listen on the network address 224.0.0.6.

Answer:

365.0SPF defines an area boundary on a router.

A. TRUE

B. FALSE

Answer: B

366. vtfiich of the following statements regarding the firewall zone ts true?

A. Different zones of firewall can use the same priority.

B. A firewall interface can belong to different

C. Different firewall interfaces can belong to the

D. The default firewall zone can be deleted.

Answer: C zones. same zone. If j 'l

367. which of the following statements regarding buffer overflow attacks is false?

A. the buffer overflow attack indicates that an attacker uses defects of memory operations of the software system and runs attack codes with high operation rights.

B. the buffer overflow attack is irrelevant to the OS vulnerabilities and architecture.

C. the buffer overflow attack is the most common attack of the software system.

D. the buffer overflow attack is an application-layer attack.

Answer: D

368. which of the following scenarios is a loop test applicable to?

A. to test whether applications are properly connected.

B. to test whether a routing can prevent loops.

C. to test whether a switch can prevent loops and broadcast.

D. to test whether a physical link is disconnected.

Answer: B

369. which of the following statements regarding the route injected into BGP using the network command are false?

A. this route must exist in the IP routing table and be the optimal route. m

B. this route must match the specified prefix and does not need to accurately match the mask length.

C. this route must accurately match the specified mask length.

D. this route must be on IGP route.

370. the ldp session establishment process will go through the opensent status, which state will the opensent state change to after the device receives an initiation message and sends a keepalive message?

A. initialized

B. opener

C. operational

D. non-existent

Answer: C

371. which of the following statements regarding BGP state machine is false?

A. in idle state, bgp denies all connection requests, this is the initial state of bgp.

B. In active state, bgp attempts to establish a tcp connection, this is the intermediate state of bgp.

C. in established state, bgp peers can exchange update, route-refresh, keepalive, and notification message.

D. A BGP peer relationship can be established only when both

BGP peers are in openconfirm state, two bgp peers send update messages to exchange

routes.

Answer: D

372.an access control list(acl) can be used to match routing information or addresses of data packets.it can only identify a specific of packets and cannot filter packets.
A. TRUE
B. FALSE

Answer: B

373.a source tree is the shortest path form a multicast source to receiver hosts, it is also called a shortest path tree.
A. TRUE
B. FALSE

Answer: A

374.which of the following values can be used to set security levels of user-defined zones of USG series firewalls?
A. 150
B. 100
C. 80
D. 40

Answer: ACD