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**QUESTION 401** In IEEE 802.1ad deployments, which three represent valid port modes? (Choose three) A. NNI S-port B. NNIC. UNI S-port D. NNI C-port E. UNI C-port F. UNI T-port  
Answer: BCE

**QUESTION 402** Refer to the exhibit. IPTV video clients are connected to R6. Unicast and multicast traffic flows from R1 to R6. The OSPF cost of the R1-R2-R3-R6 path is lower than the R-R5-R4-R3-R6 path. To enable load sharing and fast reroute, the design team decided to implement MPLS TE tunnels between R1 and R3. After the MPLS TE tunnels are deployed, the multicast traffic stops working. While troubleshooting the issue, the operations engineer noticed that the OSPF route to the multicast source is learned via the MPLS TE tunnel, which causes the RPF check to fail. Which two solutions can prevent the multicast traffic from being affected by the RPF failure due to the MPLS TE tunnel deployment? (Choose two) A. Enable the forwarding adjacency feature instead of autoroute announce feature. B. Enable the multicast-intact feature. C. Enable the multiprotocol routing feature. D. Create a static mroute on R3 with the RPF pointing to the MPLS TE Tunnel. E. Enable PIM on the MPLS TE tunnel towards the receiver.  
Answer: AB

**QUESTION 403** Refer to the Exhibit. The topology is an inter-AS VPN that is using Option B. Given the traceroute output from CE1 to CE2, which three options are VPN labels? (Choose Three) A. Label 17 for LSP 1. B. Label 21 for LSP 1C. Label 24 for LSP 1D. Label 17 for LSP 2E. Label 20 for LSP 2F. Label 21 for LSP 2G. Label 17 for LSP 3H. Label 20 for LSP 3  
Answer: BCH

**QUESTION 404** REP has been deployed in a segment. A network operations engineer notices that a segment port does not become operational. What is the root cause of this issue? A. More than one neighbor has the same segment ID. B. A neighbor is using a different port ID. C. A local port is in alternate port state. D. A neighbor port is in blocked state.  
Answer: A

**QUESTION 405** Which are the two advantages if an ISP chooses a platform that runs Cisco IOS-XR Software instead of Cisco IOS Software? (Choose two.) A. Cisco IOS XR Software functions as a message-passing operating system. B. The system's scheduler is priority-based. C. The context switching is based on Cisco Express Forwarding. D. VoIP traffic is hardware-processed for real-time response. E. Communication between client and server is realized by a dedicated mechanism.  
Answer: AB

**QUESTION 406** Refer to the exhibit. The P1 router is elected as the DIS on the broadcast link. Assuming that all the configurations are applied correctly, how many routers will establish IS-IS neighborship with P1 router on this broadcast link? A. 0B. 1C. 2D. 3  
Answer: C

**QUESTION 407** Refer to the exhibit. ABC and XY2 MPLS VPN customers require Internet access. An ISP engineer deployed the solution on PE1 device. Which statement about CEs connectivity to Internet is true? A. Only CE-XYZ will have connectivity. B. Neither CE will have connectivity, as IAR does not have route back to the subnet used on NAT configuration. C. Both CEs will have connectivity. D. Only CE-ABC will have connectivity. E. Neither CE will have connectivity, as both CEs are using the same subnet used on NAT configuration.  
Answer: C

**QUESTION 408** Refer to the following. CE\_RP# Interface Ethernet 0/0 Ip address 1.1.5.4 255.255.255.0 Ip pim sparse-dense-mode Ip pim accept-rp 10.2.2.2 8 Ip pim send-rp-announce Ethernet0/0 score 15 Ip pim send-rp-discovery scope 15 Access-list 8 permit 224.0.0.0.255.255.255 CE\_RP# show ip pim rp mapping PIM Group-to-RP Mappings This system is an RP (Auto-RP) This system is an RP-mapping agent Group (s) 224.0.0.0/4 RP 1.1.5.4 (?), v2v1 Info source: 1.1.5.4 (?), via Auto-RP Uptime: 01:00:48 expires 00:03:03 Access-list 8 permit 224.0.0.0.255.255.255 CE\_RP# show ip pim rp mapping PIM Group-to-RP Mappings This system is an RP (Auto-RP) This system is an RP-mapping agent Group (s) 224.0.0.0/4 RP 1.1.5.4 (?), v2v1 Info source: 1.1.5.4 (?), via Auto-RP Uptime: 01:00:48, expires : 00:02:07 CE\_RP is configured as a rendezvous point in an IPv4 multicast domain. This router receives this syslog message 00:55:15: %PIM-6-INVALID\_RP\_JOIN: Received (\*,224.1.1.1) Join from 1.1.6.2 for invalid RP 1.1.5.4 00:55:15: %PIM-6-INVALID\_RP\_JOIN: Received (\*24.1.1.1) Join from 1.1.6.2 for invalid RP 1.1.5.4 What is the root cause of this issue? A. A PIM neighbor is sending a PIMv6 message to CE\_RP, however IPv6 multicast is not enabled on this router. B. The multicast application from the 1.1.5.4 source is using a reserved IPv4 multicast address. C. A downstream PIM router sent a join message, which CE\_RP does not want to accept. D. CE\_RP is not configured to be an RP for multicast group 224.1.1.1. It should not have received this RP-Join packet.  
Answer: C

**QUESTION 409** A service provider engineering team must design a solution that supports end-to-end LSPs for multiple IGP domains within different AS numbers. According to RFC 3108, which solution achieves this goal? A. LDP and BGP. B. BGP and send-label. C. RSVP and IS-IS or OSPF. D. RSVP and BGPE. m LDP  
Answer: B

**QUESTION 410** Which standard provides insurance that the new hardware rollout plan meets certain environment design guidelines before deployment? A. NASB. eTOMC. ITIL. D. NEBSE. COBIT  
Answer: D

411A Service provider NOC engineer received numerous support tickets from their VPN customers. These customers are reporting packet loss between two PE routers. The NOC engineer created a VRF TEMP to run tests between these two PE routers, and no errors were reported. ECMP links are use between P and PE routers. Which test can quickly identify the core link that is causing the problems? A. A vrf traceroute between customer's CE router and service provider's remote PE router B. An mpls traceroute with multipath option between the PE's loopbacks C. An extend ping with sweep option between the PE's loopbacks D. An mpls ping with sweep option between the PE's loopbacks E. A vrf ping between customer's CE router and service provider's remote PE router

Answer: B Explanation: [http://www.cisco.com/c/en/us/td/docs/ios/12\\_2sb/feature/guide/sb\\_mmtr.html#wp1052687](http://www.cisco.com/c/en/us/td/docs/ios/12_2sb/feature/guide/sb_mmtr.html#wp1052687) QUESTION 412

Drag and Drop Question Drag and drop the Ethernet Virtual Circuit characteristics on the left onto the correct classification according to the current Metro Ethernet forum term on the right. Not all options are used. Answer: QUESTION 413A service provider NOC engineer received numerous support tickets from their VPN Customer are connected to two PE routers. The NOC Engineer created a VRF TEMP to run tests between these 2 PEs routers and no error were received. ECMP is between P and PE routers. Which test Can quickly identify the CORE Link causing the problem? A. An MPLS traceroute with multtipath option between the PEs loopback B. And extended ping with multipath option between PEs loopback C. A vrf Ping between customer CE Router and SP remote PE router D. Vrf trace route between customer CE router and SP remote PE router E. An MPLS ping with sweep option between the PE loopback

Answer: A QUESTION 414A service provider offers four classers of service for MPLS VPN customer with the following IPP/EXP values. i. voice = 5 ii. video = 4 iii. priority-data = 3 iv. best-effort data = 0 The service provider also supports multicast VPN services in the priority data and best-effort classes. Multicast VPN is implemented as a draft frozen profile. On a P router, in the MPLS core, the ingress Qos policy-map must classify all incoming packets, so that different classes of traffic can be properly handled in fabric queues and egress queues. All types of packets in the core network must be covered. Which ingress classification offers the optional performance and provides the minimum number of actions that match the service provider QoS requirements? A. class-map match-any VOICE match mpls experimental topmost 5 match precedence ipv4 flash-override class-map match-any VIDEO match mpls experimental topmost 4 match precedence ipv4 critical class-map match-any CONTROL match precedence ipv4 internet network class-map match-any PRIORITY match mpls experimental topmost 3 match precedence ipv4 flash ! policy-map INGRESS class VOICE set qos-group 5 class VIDEO set qos-group 4 class CONTROL set qos-group 6 class PRIORITY set qos-group 3 class class-default B. class-map match-any VOICE match mpls experimental topmost 5 class-map match-any VIDEO match mpls experimental topmost 4 match precedence ipv4 critical class-map match-any CONTROL match mpls experimental topmost 6 7 match precedence ipv4 internet network class-map match-any PRIORITY match mpls experimental topmost 3 match precedence ipv4 flash policy-map INGRESS class VOICE set qos-group 5 class VIDEO set qos-group 4 class CONTROL set qos-group 6 class PRIORITY set qos-group 3 class class-default C. class-map match-any VOICE match mpls experimental topmost 5 match precedence ipv4 critical class-map match-any VIDEO match mpls experimental topmost 4 match precedence ipv4 flash-override class-map match-any PRIORITY match mpls experimental topmost 3 match precedence ipv4 flash ! policy-map INGRESS class VOICE set qos-group 5 class VIDEO set qos-group 4 class PRIORITY set qos-group 3 class class-default D. class-map match-any VOICE match mpls experimental topmost 5 class-map match-any VIDEO match mpls experimental topmost 4 class-map match-any CONTROL match mpls experimental topmost 6 7 class-map match-any PRIORITY match mpls experimental topmost 3 ! policy-map INGRESS class VOICE set qos-group 5 class VIDEO set qos-group 4 class CONTROL set qos-group 6 class PRIORITY set qos-group 3 class class-default

Answer: C QUESTION 415 Which protocol function as transfer protocol between Cisco open SDN controller and forwarding device? A. PCEP B. BGP LSC. OpenFlow D. OSPF or ISIS Answer: C QUESTION 416A postman script to poll object was working, but suddenly stop: A. APIC license expired B. the object data being returned as JSON instead XML C. a man in the middle attack D. authentication token expired Answer: B QUESTION 417 In a network function virtualization reference architecture which statement about virtualized network function? (choose two) A. VNF functionality include control and management of compute, storage and network resource ==> VIM B. one VNF can be deployed over multiple VMs C. VNF is virtualization of legacy network function D. VNF is totally of hardware and software component that build up the NFV environment ==> NFVE. VNF perform orchestration and lifecycle management of software resource ==> NFV Orchestrator (NFVO) Answer: BC QUESTION 418 Which Cisco IOS XR configuration creates ad L2VPN using BGP as auto-discovery and LDP as signalling? A. autodiscovery bgp B. signalling-protocol ldp Answer: AB QUESTION 419 In IOT Infrastructure, which two option considered Low-power and Lossy Networks (Choose 2) A. Routers B. Sensors C. Controllers D. Nodes E. Access points Answer: BC QUESTION 420 Which of the below protocols can be used to secure CoAP? A. DTLS B. MACsec C. IPsec D. TLS Answer: A Explanation: The Constrained Application Protocol (CoAP) is a specialized web transfer protocol for use with constrained nodes and constrained (e.g., low-power, lossy) networks. The nodes often have 8-bit microcontrollers with small

amounts of ROM and RAM, while constrained networks such as IPv6 over Low-Power Wireless Personal Area Networks (6LoWPANs) often have high packet error rates and a typical throughput of 10s of kbit/s. The protocol is designed for machine-to-machine (M2M) applications such as smart energy and building automation. Just as HTTP is secured using Transport Layer Security (TLS) over TCP, CoAP is secured using Datagram TLS (DTLS) [RFC6347] over UDP. This section defines the CoAP binding to DTLS, along with the minimal mandatory-to-implement configurations appropriate for constrained environments. The binding is defined by a series of deltas to unicast CoAP. In practice, DTLS is TLS with added features to deal with the unreliable nature of the UDP transport. Lead2pass is confident that our NEW UPDATED 400-201 exam questions and answers are changed with Cisco Official Exam Center. If you cannot pass 400-201 exam, never mind, we will return your full money back! Visit Lead2pass exam dumps collection website now and download 400-201 exam dumps instantly today! 400-201 new questions on Google Drive: <https://drive.google.com/open?id=0B3Syig5i8gpDMExNMWJIYTIcUU> 2017 Cisco 400-201 exam dumps (All 647 Q&As) from Lead2pass: <https://www.lead2pass.com/400-201.html> [100% Exam Pass Guaranteed]