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Thank you so much Lead2pass. You helped me passing my 300-320 exam easily, 90% of the exam questions from the dump appeared in my exam. Following questions and answers are all new published by Cisco Official Exam Center: https://www.lead2pass.com/300-320.html QUESTION 176AutoQoS is used to implement VoIP in the enterprise, but the trust option is not configured on the interface. Which network management Cisco IOS capability classifies the voice traffic? A. NetFlowB. SNMPC. IP SLAsD. NBARAnswer: D QUESTION 177NBAR is deployed on the network as part of network optimization. Which technology is critical to recognize new applications on the network? A. PDLMB. ACLsC. code upgradeD. additional licenses Answer: AExplanation: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/qos_nbar/configuration/15-mt/qos-nbar-15-mt-book/nbarapp-recog-mods.html QUESTION 178Which two benefits are achieved if a network is designed properly with a structured addressing scheme? (Choose two.) A. efficient ACLsB. improved redundancyC. hardened securityD. easier troubleshootingE. added resiliency Answer: AD QUESTION 179A network engineer is designing an address plan based on network applications. Which application presents the greatest need for its own address block? A. IP telephonyB. managementC. multicastD. physical security Answer: A QUESTION 180Which IPv6 transition model should be utilized when two or more independent transition mechanisms are required? A. tunnelingB. dual stackC. service blockD. hybridE. manual Answer: D QUESTION 181An engineer is designing an address plan. Which IPv6 prefix removes any consideration regarding the number of hosts per subnet? A. /32B. /48C. /64D. /96 Answer: C QUESTION 182Two recently merged companies are using EIGRP and RIP. Which two strategies can facilitate a smooth migration? (Choose two.) A. Create an OSPF instance between EIGRP and RIP routing domains.B. Redistribute routing information between the RIP and EIGRP protocols.C. Add EIGRP and then remove RIP on the acquired company network.D. Use the EIGRP administrative distance to migrate one site at a time.E. Use static routes in place of dynamic routing between companies. Answer: CD QUESTION 183Two companies recently merged and want to integrate their networks. Both utilize EIGRP to support their complex enterprise networks. Which action can improve the performance of these two separate EIGRP domains? A. Enable route summarization at redistribution points.B. Adjust the administrative distance to prefer the best routes to each destination.C. Remove EIGRP and utilize OSPF instead.D. Utilize EIGRP stub routing between the network boundaries of the companies. Answer: A QUESTION 184Which IPv4 multicast technical component measure provides architectural security? A. IGMP max groupsB. access listsC. scoped addressesD. state limit Answer: C QUESTION 185Which option is the primary reason to implement security in a multicast network? A. maintain network operationsB. allow multicast to continue to functionC. optimize multicast utilizationD. ensure data streams are sent to the intended receivers Answer: A QUESTION 186Refer to the exhibit. Which Layer 2 feature detects a link failure between the switch and router B that decreases OSPF reconvergence to approximately 50 milliseconds? A. BFDB. UDLDC. RSTPD. PVST+ Answer: A QUESTION 187Which of the following facts must be considered when designing for IP telephony within an Enterprise Campus network? A. Because the IP phone is a three-port switch, IP telephony extends the network edge, impacting the Distribution layer.B. Video and voice are alike in being bursty and bandwidth intensive, and thus impose requirements to be lossless, and have minimized delay and jitter.C. IP phones have no voice and data VLAN separation, so security policies must be based on upper layer traffic characteristics.D. Though multi-VLAN access ports are set to dot1q and carry more than two VLANs they are not trunk ports. Answer: AExplanation: Multi-VLAN can carry exactly 2 Vlans, not more. IP Phones have Vlan separation. The answer could be true if they were talking about SOFT phones.Voice is not bandwidth intensive.IP phones is a 3-port switch and it extends the network edge but it impacts the access layer, not thedistribution. QUESTION 188Addressing QoS design in the Enterprise Campus network for IP Telephony applications means what? A. It is critical to identify aggregation and rate transition points in the network, where preferred traffic and congestion QoS policies should be enforcedB. Suspect traffic should be dropped closest to the source, to minimize wasting network resourcesC. An Edge traffic classification scheme should be mapped to the downstream queue configurationD. Applications and Traffic flows should be classified, marked and policed within the Enterprise Edge of the Enterprise Campus network Answer: A QUESTION 189The requirement for high availability within the Data Center network may cause the designer to consider which one of the following solutions? A. Construct a hierarchical network design using EtherChannel between a server and two VDCs from the same physical switchB. Utilize Cisco NSF with SSO to provide intrachassis SSO at Layers 2 to 4C. Define the Data Center as an OSPF NSSA area, advertising a default route into the DC and summarizing the routes out of the NSSA to the Campus CoreD. Implement network services for the Data Center as a separate services layer using an active/active model that is more predictable in failure conditions Answer: B QUESTION 190When designing remote access to the Enterprise Campus

network for teleworkers and mobile workers, which of the following should the designer consider? A. It is recommended to place the VPN termination device in line with the Enterprise Edge firewall, with ingress traffic limited to SSL onlyB. Maintaining access rules, based on the source IP of the client, on an internal firewall drawn from a headend RADIUS server is the most secure deploymentC. VPN Headend routing using Reverse Route Injection (RRI) with distribution is recommended when the remote user community is small and dedicated DHCP scopes are in placeD. Clientless SSL VPNs provide more granular access control than SSL VPN clients (thin or thick), including at Layer7 Answer: D QUESTION 191Which three statements about firewall modes are correct? (Choose three.) A. A firewall in routed mode has one IP address.B. A firewall in transparent mode has one IP address.C. In routed mode, the firewall is considered to be a Layer 2 device.D. In routed mode, the firewall is considered to be a Layer 3 device.E. In transparent mode, the firewall is considered to be a Layer 2 device.F. In transparent mode, the firewall is considered to be a Layer 3 device. Answer: BDE QUESTION 192Which two of these correctly describe asymmetric routing and firewalls? (Choose two.) A. only operational in routed modeB. only operational in transparent modeC. only eight interfaces can belong to an asymmetric routing groupD. operational in both failover and non-failover configurationsE. only operational when the firewall has been configured for failover Answer: CD QUESTION 193Which of the following two statements about Cisco NSF and SSO are the most relevant to the network designer? (Choose two.) A. You can reduce outages to 1 to 3 seconds by using SSO in a Layer 2 environment or Cisco NSF with SSO in a Layer 3 environment.B. SSO and NSF each require the devices to either be graceful restart-capable or graceful restart- aware.C. In a fully redundant topology adding redundant supervisors with NSF and SSO may cause longer convergence times than single supervisors with tuned IGP timersD. The primary deployment scenario for Cisco NSF with SSO is in the Distribution and Core layers.E. Cisco NSF-aware neighbor relationships are independent of any tuned IGP timers Answer: BCExplanation:
https://www.safaribooksonline.com/library/view/foundation-learning-guide/9780132652933/ch02.html"In a fully redundant topology with tuned IGP timers, adding redundant supervisors with Cisco nonstop forwarding (NSF) and stateful switchover (SSO) may cause longer convergence times than single supervisors with tuned IGP timers.""A graceful restart-aware neighbor is required so that graceful restart -capable systems can rebuild their databases and maintain their neighbor adjacencies across a switchover." QUESTION 194Refer to the exhibit. Which of the following two are advantages of Server virtualization using VMware vSphere? (Choose two) A. Retains the one-to-one relationship between switch ports and functional serversB. Enables the live migration of a virtual server from one physical server to another without disruption to users or loss of servicesC. The access layer of the network moves into the vSphere ESX servers, providing streamlined vSphere managementD. Provides management functions including the ability to run scripts and to install third-party agents for hardware monitoring, backup, or systems managementE. New functional servers can be deployed with minimal physical changes on the network Answer: BC QUESTION 195Which of the following two are effective and simple means of employing route summarization within the Enterprise Campus network? (Choose two) A. A default route (0.0.0.0 /0) advertised dynamically into the rest of the networkB. Route filtering to manage traffic flows in the network, avoid inappropriate transit traffic through remote nodes, and provide a defense against inaccurate or inappropriate routing updatesC. Use manual split horizonD. Use a structured hierarchical topology to control the propagation of EIGRP queriesE. Open Shortest Path First (OSPF) stub areas Answer: AE QUESTION 196From a design perspective which two of the following OSPF statements are most relevant? (Choose two) A. OSPF stub areas can be thought of as a simple form of summarizationB. OSPF cannot filter intra-area routesC. An ABR can only exist in two areas - the backbone and one adjacent areaD. Performance issues in the Backbone area can be offset by allowing some traffic to transit a non-backbone areaE. The size of an area (the LSDB) will be constrained by the size of the IP MTU Answer: AB QUESTION 197OSPF stub areas are an important tool for the Network designer; which of the following two should be considered when utilizing OSPF stub areas? (Choose two) A. OSPF stub areas increase the size of the LSDB with the addition of Type 3 and 5 LSAsB. OSPF not so stubby areas are particularly useful as a simpler form of summarizationC. OSPF stub areas are always insulated from external changesD. OSPF totally stubby areas cannot distinguish among ABRs for the best route to destinations outside the areaE. OSPF stub areas can distinguish among ASBRs for destinations that are external to the OSPF domain Answer: CD QUESTION 198Which two protocol characteristics should be most considered when designing a single unified fabric for the Data Center? (Choose two.) A. FCIP or FCoE allow for easier integration by using the Fibre Channel Protocol (FCP) and Fibre Channel framingB. iSCSI uses a special EtherType and an additional header containing additional control informationC. FCIP and iSCSI has higher overhead than FCoE owing to TCP/IPD. FCoE was initially developed to be used as a switch-to-switch protocol, while FCIP is primarily meant to be used as an access layer protocol to connect hosts and storage to a Fibre Channel SANE. FCoE requires gateway functionality to integrate into an existing Fibre Channel network Answer: AC QUESTION 199Drag and Drop QuestionDrag the best practice recommendation for an Enterprise Campus network on the left to the technology to which it most applies on the right. Answer:

QUESTION 200Drag and Drop Question Answer: Suggestion, read 300-320 questions carefully try to understand or guess what they're asking for. Hope everyone passes. 300-320 new questions on Google Drive: https://drive.google.com/open?id=0B3Syig5i8gpDRmZpUHB2VDNvdTg 2017 Cisco 300-320 exam dumps (All 398 Q&As) from Lead2pass: https://www.lead2pass.com/300-320.html [100% Exam Pass Guaranteed]