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This dump is valid to pass Cisco 300-320 exam and don't just memorize the answer, you need to get through understanding of it because the question changed a little in the real exam. The material is to supplement your studies. Following questions and answers are all new published by Cisco Official Exam Center: https://www.lead2pass.com/300-320.html QUESTION 276What are three primary components in IS-IS fast convergence? (Choose three.) A.   event propagationB.   LSP floodingC.   fast hellosD. matching MTUsE.   updating RIB and FIBF.   SPF calculationAnswer: AEF QUESTION 277Which option is an advantage of using PIM sparse mode instead of PIM dense mode? A.   No RP is required.B.   There is reduced congestion in the network.C. IGMP is not required.D.   It floods all multicast traffic throughout the network. Answer: B QUESTION 278What are two benefits of using 6to4 as an IPv6 transition method? (Choose two.) A.   6to4 tunnels allow isolated IPv6 domains to be remotely connected over IPv4 networks.B.   Manual configuration (scalability) is easier.C.   Point-to-multipoint automatic tunneling (automatic 6to4) is available.D.   An infinite number of address spaces are allocated to an IPv6 subnet.E.   Globally unique IPv4 addresses are not required. Answer: AC QUESTION 279In which multicast configuration is MSDP most useful? A.   interdomainB.   intradomainC. data centerD.   campus Answer: A QUESTION 280A network engineer is building a LAN design that includes Cisco NAC. What two characteristics of an out-of-band NAC deployment are important to consider when evaluating it for the design? (Choose two.) A.   supported by a limited number of switch modelsB.   never in-line with user trafficC.   aggregate client traffic is constrained to NAC server port speedD.   recommended if sharing ports between IP phones and PCsE.   supports real IP gateway (routed mode) Answer: ADExplanation:https://www.safaribooksonline.com/library/view/foundation-learning-guide/9780132652933/ch08.html "Out-of-band traffic flow is supported with the Cisco NAS connected to most common Cisco switches with recent software releases."https://www.cisco.com/c/en/us/td/docs/security/nac/appliance/configuration_guide/47/cas/47cas-book/s_deploy.html"OOB Virtual Gateway·Recommended configuration if sharing ports between IP phones and PCs." QUESTION 281Which protocol should be configured if a network administrator has the following requirements? - Multiple physical gateways participating simultaneously in packet forwarding.- All hosts in the VLAN configured with the same default gateway address. A.   HSRPB.   VRRPC.   VTPD. GLBP Answer: D QUESTION 282What is an advantage of using the Virtual Device Contexts feature in a data center environment? A.   The same VLAN cannot be configured in separate Virtual Device Contexts.B.   This feature provides fault domain separation.C.   Supervisor modules are shared between Virtual Device Contexts.D.   Fabric modules are shared between Virtual Device Contexts. Answer: B QUESTION 283Which two technologies provide web and URL filtering and mitigate zero-day malware? (Choose two.) A.   Cisco CWSB.   Cisco WSAC.   Cisco GETVPND.   Cisco ESAE.   NAT/PAT Answer: AB Explanation:Cisco CWS: Cisco Cloud Web Security
https://www.cisco.com/c/en/us/products/collateral/security/cloud-web-security/data_sheet_c78-729637.htmlCisco WSA: Cisco Web Security Appliance
https://www.cisco.com/c/en/us/products/collateral/security/content-security-management-appliance/datasheetc78-729630.htmlCisco ESA: Email Security Appliance QUESTION 284Which feature supports multiple routing tables with overlapping networks on a single device? A.   VRFB.   Metro EthernetC.   RSTPD.   VSS Answer: A QUESTION 285A VPN solution requires bulk traffic encryption, low OpEx to add new sites, and the ability to accommodate dynamic tunnels between branch locations. What VPN solution can fulfill these requirements? A.   GETVPNB.   SSL VPNC.   Easy VPND.   DMVPN Answer: D QUESTION 286 Which mechanism is enabled by default in the OTV technology to conserve bandwidth? A.   Automatic unicast flooding is suppressed over the OTV link.B.   BPDUs are allowed to traverse the OTV link.C.   Control plane traffic is prevented from traversing the OTV link.D.   Data plane traffic is prevented from traversing the OTV link. Answer: A QUESTION 287What are two of Cisco's best practices at the access layer to ensure rapid link transitions and VLAN consistency? (Choose two.) A.   Deploy RPVSTB.   Deploy MSTPC.   Utilize VTP in server/client modeD.   Utilize VTP in transparent modeE.   VLANs span entire networkF.   Portfast applied on distribution uplinks Answer: AD QUESTION 288A campus network utilizes EIGRP to connect to several remote branch offices.Which configuration should be established on all branch routers to improve routing scalability and performance? A.   Configure authentication between the campus and branch offices.B.   Enable stub routing on all branch routers. C.   Adjust EIGRP k-values to utilize delay.D.   Utilize offset lists to direct traffic more efficiently. Answer: B QUESTION 289 Which action can be taken on a multiaccess segment with OSPF speakers to reduce the performance impact during widespread convergence events? A.   Separate the network into multiple areas for each new multiaccess segment.B.   Enable LSA throttling in the core to slow link state advertisement updates during times of network instability.C.   Ensure that the elected DR or BDR router

can support high-volume convergence events.D.   Verify that fewer than 50 OSPF speakers are on the segment. Answer: B
Explanation:"It is worth noting that three most important timers to tune network for sub-second convergence are the failure detection
delay, initial LSA generation delay and initial SPF delay. All other timers, such as hold and maximum time serve the purpose of
stabilizing network, and affect convergence in "worst-case" unstable network scenarios."More info on LSA throttling:
https://www.cisco.com/c/en/us/td/docs/ios/12_0s/feature/guide/fsolsath.html"Benefits of OSPF LSA Throttling Prior to the OSPF
LSA Throttling feature, LSA generation was rate-limited for 5 seconds. That meant that changes in an LSA could not be propagated
in milliseconds, so the OSPF network could not achieve millisecond convergence. The OSPF LSA Throttling feature is enabled by
default and allows faster OSPF convergence (in milliseconds). This feature can be customized. One command controls the
generation (sending) of LSAs and another command controls the receiving interval. This feature also provides a dynamic mechanism
to slow down the frequency of LSA updates in OSPF during times of network instability." QUESTION 290Which two WAN
technologies support IEEE 802.1Q, site-to-site connectivity, and point-to- point connectivity between two offices? (Choose two.) A.
   Ethernet over MPLSB.   VPLSC.   Layer 3 MPLSD.   DSLE.   cable Answer: AB QUESTION 291Which command can you
enter to inject BGP routes into an IGP? A.   redistribute bgpB.   redistribute staticC.   redistribute static subnetD.
default-information originate Answer: A QUESTION 292Which two types of authentication mechanisms can be used by VRRP for
security? (Choose two.) A.   SHA-1B.   MD5C.   SHA-256D.   plaintext authenticationE.   PEAP Answer: BD QUESTION 293A
network engineer is designing a network that must incorporate seamless failover when a link failure occurs between the core and
distribution layer. What two technologies will allow this? (Choose two.) A.   ECMPB.   RSTPC.   MECD.   GLBPE.   HSRP
Answer: AC QUESTION 294What are the three configuration requirements for implementing Modular QoS on a router? (Choose
three.) A.   CoSB.   class mapC.   precedenceD.   service policyE.   priorityF.   policy map Answer: BDF QUESTION 295Which
QoS mechanism uses RSVP? A.   IntServB.   DiffServC.   CoSD.   ToS Answer: A QUESTION 296Which two physical
components can enable high availability on a Cisco 6500 device? (Choose two.) A.   dual supervisor modulesB.   bundled Ethernet
InterconnectsC.   line modules with DFCsD.   redundant power suppliesE.   VSS interlink cables Answer: AD QUESTION 297
When an enterprise network is designed, which protocol provides redundancy for edge devices in the event of a first-hop failure? A.
  ICMPB.   HSRPC.   STPD.   HTTP Answer: B QUESTION 298Which QoS mechanism uses PHBs? A.   DiffServB.   IntServC.
  CoSD.   ToS Answer: A QUESTION 299Summary address blocks can be used to support which network application? A.   QoSB.
  IPsec tunnelingC.   Cisco TrustSecD.   NATE.   DiffServ Answer: DExplanation:
http://www.ciscopress.com/articles/article.asp?p=1763921 Summary address blocks can be used to support several network
applications:Separate VLANs for voice and data, and even role-based addressing Bit splitting for route summarizationAddressing
for virtual private network (VPN) clients Network Address Translation (NAT) QUESTION 300What two features are inherent
advantages of MPLS VPN services? (Choose two.) A.   service providers can provide additional servicesB.   virtual private
networks segment traffic and ensure privacyC.   easier to troubleshoot than Layer 2 WAN technologiesD.   faster data transfer
speeds at lower costsE.   functions without Cisco Express Forwarding Answer: AB About 90% questions are from this 300-320
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so you must remember the answer itself not the letter of choice. More 300-320 new questions (with images) on Google Drive:
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