# [2017-Nov.-New300-101 PDF Dumps and VCE Dumps 489Q Instant Download in Braindump2go[183-193

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(Choose two.)A.    router(config-ip-sla)#icmp-echo 172.16.201.25 source-interface FastEthernet 0/0B.    router(config-ip-sla-echo)#timeout 3C.    router(config-ip-sla)#icmp-jitter 172.16.201.25 interval 100D.    router(config-ip-sla-echo)#frequency 3E.    router(config-ip-sla)#udp-echo 172.16.201.25 source-port 23F. router(config-ip-sla-echo)#threshold 3Answer: ADQUESTION 184What command can you enter to configure an enable password that uses an encrypted passwordfrom another configuration?A.    enable secret $abc%!e.Cd34$!ao0B.    enable secret 7 Sabc%!e.Cd34$!ao0C.    enable secret 0 Sabc%U*.Cd34$!ao0D.    enable secret 5 $abc%!e.Cd34$!ao0E.    enable secret 15 $abc%ie.Cd34$!ao0F.    enable secret 6 $abc%!e.Cd34$!ao0Answer: DQUESTION 185A network engineer receives reports about poor voice quality issues at a remote site. The network engineer does a packet capture and sees out-of-order packets being delivered. Which option can cause the VOIP quality to suffer?A.    traffic over backup redundant linksB.    misconfigured voice vlanC.    speed duplex link issuesD.    load balancing over redundant linksAnswer: DExplanation:In traditional packet forwarding systems, using different paths have varying latencies that cause out of order packets,eventually resulting in far lower performance for the network application. Also , if some packets are process switched quickly by the routing engine of the router while others are interrupt switched (which takes more time)then it could result in out of order packets. The other options would cause packet drops or latency, but not out of order packets.QUESTION 186What is the administrative distance for EBGP?A.    200B.    30C.    70D.    20Answer: DQUESTION 187Considering the IPv6 address independence requirements, which process do you avoid when you use NPTv6 for translation?A.    rewriting of higher layer informationB.    checksum verificationC.    ipv6 duplication and conservationD.    IPSEC AH header modificationAnswer: AExplanation:The IPv6-to-IPv6 Network Prefix Translation (NPTv6) serves as a useful mechanism for implementing address independence in an IPv6 environment. A major benefit associated with NPTv6 is the fact that it avoids the requirement for an NPTv6 Translator to rewrite the transport layer headers which reduces the load on network devices http://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipaddr_nat/configuration/xe-16/nat-xe-16-book/iadnat-asr1k-nptv6.html QUESTION 188What is the optimal location from which to execute a debug command that produces an excessiveamount of information?A.    Vty linesB.    SNMP commandsC.    A console portD.    An AUX portAnswer: AExplanation: http://www.cisco.com/c/en/us/support/docs/dial-access/integrated-services-digital-networks-isdn-channel- associated-signaling-cas/10374-debug.htmlQUESTION 189A network engineer is configuring the router for NetFlow data exporting.What is required in orderfor NDE to begin exporting data?A.    SourceB.    Flow maskC.    DestinationD.    Interface type E.    Traffic typeF.    NetFlow versionAnswer: CExplanation:NetFlow Multiple Export Destinations--To configure redundant NDE data streams, which improves the probability of receiving complete NetFlow data, you can enter the ip flow-export destination command twice and configure a different destination IP address in each command. Configuring two destinations increases the RP CPU utilization, as you are exporting the data records twice. http://www.cisco.com/en/US/docs/general/Test/dwerblo/broken_guide/nde.html#wp1139278QUESTION 190Refer to the exhibit. Router 1 cannot ping router 2 via the Frame Relay between them.Which two statements describe the problems? (Chooses two.)A. Encapsulation is mismatched.B.    Frame Relay map is configured.C.    DLCI is active.D.    DLCI is inactive or deleted.E.    An access list is needed to allow pingAnswer: ADExplanation:Frame Relay: Cannot ping Remote Router :1-Encapsulation mismatch has occurred.2-DLCI is inactive or has been deleted.3-DLCI is assigned to the wrong subinterface.4-An access list was misconfigured.5-The frame-relay map command is missing.6-No broadcast keyword is found in frame-relay map statements.QUESTION 191At which layer does Cisco Express Forwarding use adjacency tables to populate addressing information?A.    Layer4B.    Layer 2C.    Layer 1D.    Layer 3Answer: BExplanation:Adjacency table - Nodes in the network are said to be adjacent if they can reach each other with a single hop across a link layer. In addition to the FIB, CEF uses adjacency tables to prepend Layer 2 addressing information. The adjacency table maintains Layer 2 next-hop addresses for all FIB entries http://www.cisco.com/c/en/us/support/docs/routers/12000-series-routers/47321-ciscoef.htmlQUESTION 192A network engineer wants to ensure an optimal end-to-end delay bandwidth product. The delay isless than 64 KB. Which TCP feature ensures steady state throughput?A.    Window scalingB.    Network buffersC.    Round-trip timersD.    TCP acknowledgmentsAnswer: A

Explanation:options can be carried in a TCP header. Those relevant to TCP performance include Window-scale option : This option is intended to address the issue of the maximum window size in the face of paths that exhibit a high-delay bandwidth product. This option allows the window size advertisement to be right-shifted by the amount specified (in binary arithmetic, a right-shift corresponds to a multiplication by2). Without this option, the maximum window size that can be advertised is 65,535 bytes (the maximum value obtainable in a 16-bit field). The limit of TCP transfer speed is effectively one window size in transit between the sender and the receiver. For high-speed, long-delay networks, this performance limitation is a significant factor, because it limits the transfer rate to at most 65,535 bytes per round-trip interval, regardless of available network capacity. Use of the window-scale option allows the TCP sender to effectively adapt to high-band-width, high-delay network paths, by allowing more data to be held in flight.The maximum window size with this option

http://www.cisco.com/c/en/us/about/press/internet-protocol-journal/back-issues/table-contents-5/
ipj-archive/article09186a00800c8417.htmlQUESTION 193A network administrator creates a static route that points directly to a multi-access interface, instead of the next-hop IP address. The administrator notices that Cisco Express Forwarding ARP requests are being sent to all destinations. Which issue might this configuration create?A.    Low bandwidth usageB.    High memory usageC.    Cisco Express Forwarding routing loopD.    High bandwidth usageE.    IP route interferenceAnswer: CExplanation:
http://www.cisco.com/c/en/us/support/docs/ip/express-forwarding-cef/26083-trouble-cef.html**!!RCOMMEND!!!**]1.|2017 New 300-101 Exam Dumps (PDF & VCE) 489Q&As Download:**https://www.braindump2go.com/300-101.html**2.|2017 New 300-101 Study Guide Video: YouTube Video: YouTube.com/watch?v=B2wbBWDc2ME