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500-470
Cisco Enterprise Networks SDA, SDWAN and ISE Exam for System Engineers
Version 1.0

Exam C

QUESTION 1 What two best describe self-healing functionality on vEdges?

- A. Software reconfiguration capability allowing for dynamic reconfiguration of existing channels
- B. In software upgrade process, rolling back to the previously running software image when connectivity to vManage fails
- C. vManage detect routing outage detection to detect reachability outages and understand their scope and likely root cause
- D. With configuration change, rolling back the configuration change when loss of connectivity to vManage

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2 Which three statements best describe Cisco ISE configuration capabilities?

(Choose three.)

- A. ISE Deployment Assistant (IDA) is a built in application designed to accelerate the deployment of Cisco Identity Service Engine (ISE)
- B. Cisco ISE includes wireless setup wizard and visibility wizard.
- C. ISE requires an understanding of the command line for set-up and configuration.
- D. ISE wizards and pre-canned configurations ease ISE roll-out significantly.
- E. Cisco Active Advisor provides additional guidance for ISE deployments

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:



QUESTION 3 Which three wireless product families are supported in the current DNA-C 1.1 release?

(Choose three.)

- A. AP 1260
- B. WLC 8540C. WLC 5508 D. AP 3800
- E. WLC 3504

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4 Which two options are used as part of an ISE POV?

(Choose two.)

- A. Youtube
- B. CiscoTV
- C. dCloud
- D. POV Kit
- E. Implementation on Production Network

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://community.cisco.com/t5/security-documents/selling-ise-demos-and-povs/ta-p/3629542>

QUESTION 5

Which are three key features within the Cisco ISE that mainly compete with the other RADIUS and NAC products? (Choose three.)

- A. BYOD provides auto configuration of endpoints.
- B. Deep packet inspection upon authorization of endpoints.
- C. Guest access and guest lifecycle management functionality.
- D. Software based firewall capabilities for selected devices and endpoints.
- E. Ability to authenticate and authorize users and endpoints.

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which three services must be enabled under the ISE Admin settings to successfully integrate ISE, when integrating ISE with DNA-C? (Choose three.)

- A. SXP services
- B. ServiceNow
- C. Threat- Centric NAC
- D. Infoblox
- E. PxGrid
- F. Passive Identity Service

Correct Answer: AEF

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/network-automation-and-management/dna-center/1-1/install/b_dnac_install_1_1_0P2/b_dnac_install_1_1_0P2_chapter_010.pdf page 4

QUESTION 7 Which workflow is necessary for setting up a network hierarchy?

- A. Provision
- B. Design
- C. Policy
- D. Assurance

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which are three functions used by ISE automation BYOD flow? (Choose three.)

- A. Supplicant Provisioning
- B. Device Registration
- C. Certificate Enrollment
- D. BioMetrics



- E. LDAP Multi Tenant Provisioning
- F. Active Directory Group Membership

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9 Which are three Cisco ISE use cases?

(Choose three.)

- A. BYOD
- B. Assurance
- C. Monitoring
- D. Security Incident and Event Management
- E. Access Control
- F. Segmentation

Correct Answer: AEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10 Which three statements are true regarding Cisco SDWAN license tiers?

(Choose three.)

- A. With Pro license, control and data policies are supported
- B. With Plus license, split-tunnel is supported
- C. With Pro license, unlimited segmentations are supported
- D. With Plus license, Hub and spoke, partial mesh are supported
- E. With Enterprise license, vAnalytics is included
- F. With Enterprise license, TCP optimization is not supported



Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11 Which are three Cisco recommendations on “How to Win”?

(Choose three.)

- A. Talk about Cisco’s focus on Security and integration with StealthWatch, Sourcefire, WSA, vulnerability scanner to make smarter policy decisions.
- B. Explain support for 3rd party network devices.
- C. Explain architectural advantage of holistic Cisco solution.
- D. Demonstrate complex policy flows, rather show case Wizards and enhanced context visibility.
- E. Show case Cisco portfolio or ISE feature set during PoC

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12 What is the role of DNA Center in SD-Access?

- A. Identifying and Authenticating Endpoints
- B. The point of exchange of reachability and policy for two domains
- C. Maintain a database of Endpoint IDs to Fabric Edge Nodes
- D. provide GUI management abstraction & Analytics via Multiple Service Apps

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13 Which Cisco SD WAN component provides a secure data plane with remote vEdge routers?

- A. vManage
- B. vSmart
- C. vBond
- D. vEdge

Correct Answer: B

Section: (none)

Explanation



Explanation/Reference:

Reference : https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/Release_18.1/05Security/01Security_Overview/Data_Plane_Security_Overview

QUESTION 14 Which two platforms can host a vEdge Cloud Router?
(Choose two.)

- A. Microsoft Azure
- B. Dreamhost
- C. AWS
- D. DigitalCloud
- E. Google

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which is a key function of a Digital Network?

- A. Centralized provisioning
- B. Software upgrades
- C. Provides secure data plane with remote vEdge routers
- D. Nat traversal

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16 Which three technologies are used in an SD-Access Fabric?

(Choose three.)

- A. MPLS
- B. TrustSec
- C. VXLAN
- D. OTV
- E. LISP
- F. RSVP

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17 What is an example of Correlated Insights for SDA and Switching?

- A. Excessive Onboarding Time
- B. Roaming Pattern Analysis
- C. Control Plane Reachability
- D. AP License Utilization

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.tyrc.edu.tw/images/2/29/107051006.pdf> page 72

QUESTION 18 Which two factors are used in calculating the Cisco SD WAN – 1yr, 3yr, or 5yr subscription cost?

(Choose two.)

- A. Service Bandwidth
- B. Security
- C. Routing Protocol
- D. Features
- E. Hypervisor Platform

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19 Which two are benefits from a WAN design?

(Choose two.)

- A. Prioritize and secure with granular control
- B. Reduce cost and increase operational complexity



- C. Lower circuit bandwidth requirements
- D. Provide lower quality service to guest users
- E. Ensure remote site uptime

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

What is a challenge of having an SD-Access Centralized design where a single fabric encompasses the main site and all branch sites across the WAN?

- A. End to End Routing is not supported
- B. SSIDs would be the same across all sites
- C. DNA Center does not support it
- D. Since the traffic is encapsulated, SD-WAN features can't be used to optimize/route traffic.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21 What is the default interval for BFD packets?

- A. 1 second
- B. 15 seconds
- C. 10 seconds
- D. 5 seconds

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22 Which three options describe fabric overlay concepts?
(Choose three.)

- A. A link state routing protocol like OSPF
- B. A virtual Local Area Network
- C. An Overlay uses alternate forwarding attributes
- D. GRE is a type of Overlay
- E. Intermediate System to Intermediate System
- F. An Overlay is a logical topology

Correct Answer: BDF

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.slideshare.net/Cisco/hawaii-tech-day-new-solution-in-switching> slide 18



QUESTION 23 Which three methods can be implemented and deployed to gather data and provide insight?

(Choose three.)

- A. IPv6
- B. ARP caching
- C. FNF
- D. BUM traffic
- E. Syslog
- F. SNMP

Correct Answer: CEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24 How does identity management solve two customer problems?

(Choose two.)

- A. Enables and enforces 802.1X across the network platform
- B. Manages group membership
- C. Provides network visibility and security
- D. Increases digitization
- E. Achieves dynamic and adaptive network segmentation

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.slideshare.net/robboyd/techwisetv-workshop-cisco-identity-services-engine-ise> slide 3



QUESTION 25 Which two products are supported as “Extended” in DNA-C 1.1?

(Choose two.)

- A. IE switches
- B. Catalyst 6807
- C. Catalyst 3560-CX
- D. M3 Line cards
- E. AP 3800
- F. Catalyst 4500-E

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.cisco.com/c/dam/en/us/solutions/collateral/enterprise-networks/software-defined-access/guide-c07-739242.pdf> **QUESTION 26** How many bytes does a VxLAN header add to an original Ethernet frame?

- A. 36
- B. 50
- C. 48
- D. 64

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.cisco.com/c/en/us/support/docs/lan-switching/vlan/212682-virtual-extensible-lan-and-ethernet-virt.html>

QUESTION 27 Which options are Network Access Device types?

- A. Switches, Wireless Controllers, and VPN Gateways
- B. Wireless Controllers, Routers, and VPN Gateways
- C. Switches, Wireless Controllers, and Routers
- D. Switches, Routers, and VPN Gateways

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/1-4/admin_guide/b_ise_admin_guide_14/b_ise_admin_guide_14_chapter_0100.html

QUESTION 28 How many vEdge router security zones (VPN's) can be configured?

- A. 256
- B. 32
- C. 510
- D. 16

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

Reference: [https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/Release_18.1/04Segmentation/02Configuring_Segmentation_\(VPNs\)](https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/Release_18.1/04Segmentation/02Configuring_Segmentation_(VPNs))

QUESTION 29 What definition is not part of 4D Training?

- A. Demo
- B. Discover
- C. Deploy
- D. Defend
- E. Design

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en_sg/partners/blackbelt/enterprise-networking.html#~stickynav=2

QUESTION 30

Which party solution integrates with Cisco's security and network portfolios within the ISE?

- A. 25+ 3rd party solutions B.
- 20+ 3rd party solutions C.

- 30+ 3rd party solutions D.
- 45+ 3rd party solutions
- E. 60+ 3rd party solutions

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 Device Sensor provides which two types of information to ISE?
(Choose two.)

- A. DHCP
- B. Encrypted traffic
- C. User/Device Name
- D. CDP
- E. NetFlow

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/200292-Configure-Device-Sensor-for-ISE-Profilin.html?referring_site=RE&pos=1&page=https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3750/software/release/15-0_1_se/device_sensor/guide/sensor_guide.html



QUESTION 32 Which protocol is used between an Endpoint and a Switch with an 802.1 authentication?

- A. RADIUS
- B. EAP
- C. MAB
- D. TACACS

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33 What is the maximum # of concurrent endpoint with a distributed deployment?

- A. 500,000
- B. 20,000
- C. 10,000
- D. 100,000

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/install_guide/b_ise_InstallationGuide21/b_ise_InstallationGuide21_chapter_00.pdf

QUESTION 34 Where does the Cisco V-Edge Router perform QOS traffic classification?

- A. Per VPN
- B. Per vEdge
- C. Egress interface
- D. Ingress interface

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35 Which two options are SD-WAN solution capabilities?

(Choose two.)

- A. Ability to provide and integrate security with complementary products and applications
- B. The separation of management plane, control plane and data plane to enable horizontal scaling
- C. Truck roll branch turn up for easy provisioning and new installations
- D. Cloud hosted or on-Premise fully redundant management and control plane functions

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Reference: https://www.cisco.com/c/dam/m/sl_si/training-events/2018/cisco-connect/pdfs/sodobna_prostrana_omrezja_s_sd-wan_konceptom_tom_cof.pdf

Slide 2

