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### NEW QUESTION: 1

Which are two Cisco ISE that benefits our customers ? (Choose two.)

- A. helps them stop and contain real time threats
- B. enables them to set traffic priorities across the network
- C. provides network access controller
- D. helps them accelerate application deployment and delivery

Answer: **(SHOW ANSWER)**

### NEW QUESTION: 2

Which is a function of lite Proactive Insights feature of Cisco DNA Center Assurance'?

- A. enabling you to quickly view all of the contextual information related to the end application
- B. generating synthetic traffic to perform tests that raise awareness of potential network issues
- C. enabling you to see the complete path of packets from the client to the end application
- D. pointing out where the most serious issues are happening in the network

Answer: **C (LEAVE A REPLY)**

### NEW QUESTION: 3

Which two primary categories are displayed on the overall health page of the assurance component in the Cisco DNA Center? (Choose two.)

- A. Client
- B. Server
- C. Access-Distribution
- D. Core
- E. Wired
- F. Network

**Answer: A,F ([LEAVE A REPLY](#))**

Explanation

The overall health page of the assurance component in the Cisco DNA Center displays two primary categories: Client and Network<sup>1</sup>. The Client category shows the health score of all the wired and wireless clients connected to the network, along with the number of clients, the top issues affecting the clients, and the distribution of clients by type, OS, and SSID<sup>1</sup>. The Network category shows the health score of all the network devices, such as switches, routers, wireless controllers, and access points, along with the number of devices, the top issues affecting the devices, and the distribution of devices by site, family, and role<sup>1</sup>. The other options are not primary categories on the overall health page. Server is not a category, but a type of client that can be filtered in the Client category<sup>1</sup>. Access-Distribution and Core are not categories, but roles of network devices that can be filtered in the Network category<sup>1</sup>. Wired is not a category, but a subcategory of the Client category that shows the health score of the wired clients only<sup>1</sup>.

References:

Cisco DNA Assurance User Guide, Release 1.3.1.0 - Monitor and Troubleshoot the Health of Your Network [Cisco DNA Center] Designing Cisco Enterprise Networks (ENDESIGN) Exam Topics [Cisco] Cisco Validated Design Guides [Cisco]

#### **NEW QUESTION: 4**

Which are the three focus areas for reinventing the WAN? (Choose three.)

- A. Secure Elastic Connectivity
- B. Operations
- C. Application Quality of Experience
- D. Execution
- E. Centralized device authentication
- F. Cloud Fast

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 5**

Which three options focus of the current digital business era'? (Choose three.)

- A. IoT scale
- B. automation
- C. centralized enterprise and web applications
- D. Human scale
- E. connectivity
- F. virtualized services

**Answer: A,B,F ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 6**

Which two activities should occur during an SE's discovery process? (Choose two.)

- A. Working with the customer to develop a reference architecture
- B. Referencing the PPDIOO model to effectively facilitate the discussion
- C. Gathering information about the current state of the customer's network environment
- D. Establishing credibility with the customer
- E. Mapping Cisco innovation to customer's needs

**Answer: B,E ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 7**

Which two primary categories are displayed on the overall health page of the assurance component in the Cisco DNA Center? (Choose two.)

- A. Core
- B. Wired
- C. Access-Distribution
- D. Network
- E. Server
- F. Client

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 8**

Which three ways are SD-Access and ACI Fabric similar? (Choose three.)

- A. use of Virtual Network IDs
- B. use of Scalable Group Tags
- C. use of Endpoint Groups
- D. use of group policy
- E. focus on user endpoints
- F. use of overlays

**Answer: A,E,F ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 9**

Which option will help build your customers platform during the discovery phase?

- A. PO
- B. POV report
- C. detailed design
- D. business case
- E. high-level design

**Answer: A ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 10**

What are three ways in Which Cisco ISE learns information about devices? (Choose three,)

- A. SMIP agents

- B. user authentication to the ISE
- C. RADIUS attributes
- D. network servers the device has accessed
- E. RPC mechanism via HTTPS
- F. traffic generated by the device

**Answer: B,D,F ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 11**

Which two statements are true regarding Cisco ISE? (Choose two.)

- A. In two-nodes standalone ISE deployments, failover must be done manually.
- B. ISE can detect endpoints whose addresses have been translated via NAT.
- C. The number of logs that ISE can retain is determined by your disk space.
- D. ISE supports up to 100 Policy Services Nodes.
- E. In distributed deployments, failover from primary to secondary Policy Administration Nodes happens automatically.
- F. ISE supports IPv6 downloadable ACLs.

**Answer: C,E ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 12**

Which two options help you sell Cisco ISE? (Choose two.)

- A. Showcasing the entire ISE feature set
- B. Downplaying the value of pxGrid as compared to RESTful APIs
- C. Explaining ISE support for 3rd party network devices
- D. Referring to TrustSec as being only supported on Cisco networks
- E. Discussing the importance of custom profiling

**Answer: A,C ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 13**

Which protocol runs between the vSmart controllers and between the vSmart controllers and the vEdge routers, and unifies all control plane functions under a single protocol umbrella?

- A. VRRP
- B. IKE
- C. BGP
- D. OSPF

**Answer: A ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 14**

Which three key differentiators that DNA Assurance provides that our competitors are unable to match? (Choose three.)

- A. Proactive approach to guided remediation

- B. VXLAN support
- C. Apple Insights
- D. Support for Overlay Virtual Transport
- E. Network time travel
- F. On-premise and cloud-based analytics

**Answer: ([SHOW ANSWER](#))**

Explanation

Cisco DNA Assurance provides three key differentiators that our competitors are unable to match:

Proactive approach to guided remediation: Cisco DNA Assurance uses AI and machine learning to analyze network data and provide insights on network performance, issues, and optimization. It also offers guided remediation options that automate the process of issue resolution and performance enhancement. This reduces manual troubleshooting operations and saves time and resources for network administrators<sup>12</sup>.

Apple Insights: Cisco DNA Assurance integrates with Apple devices and applications to provide enhanced visibility and analytics on the user experience and network performance. It also leverages the Fast Lane feature to prioritize critical iOS and macOS traffic over the wireless network. This improves the quality of service and collaboration for Apple users and applications<sup>13</sup>.

Network time travel: Cisco DNA Assurance allows network administrators to go back in time and view the network state and health at any given point. This enables them to identify the root cause of issues, compare network performance over time, and troubleshoot historical problems. This feature is unique to Cisco DNA Assurance and provides a powerful tool for network analysis and optimization<sup>1</sup>.

References:

1: Cisco DNA Assurance: AI/ML guided IT operations (AIOps) At-a-Glance 2: Leveraging Cisco Intent-Based Networking DNA Assurance (DNAAS) 3: Cisco DNA Assurance Unlocking the Power of Data, page 39 : Cisco DNA Assurance Unlocking the Power of Data, page 74

### **NEW QUESTION: 15**

Which two options help you sell Cisco ISE? (Choose two.)

- A. Showcasing the entire ISE feature set
- B. Referring to TrustSec as being only supported on Cisco networks
- C. Discussing the importance of custom profiling
- D. Explaining ISE support for 3rd party network devices
- E. Downplaying the value of pxGrid as compared to RESTful APIs

**Answer: ([SHOW ANSWER](#))**

Explanation

Cisco ISE is a comprehensive solution that enables enterprises to enforce consistent and secure access policies across wired, wireless, and VPN connections. It also provides

visibility, control, and automation for the network devices, endpoints, users, and applications. To sell Cisco ISE effectively, it is important to highlight the benefits and features of the solution that address the customer's pain points and needs. Among the options given, two options help you sell Cisco ISE:

Showcasing the entire ISE feature set: ISE has a rich and diverse feature set that covers various use cases, such as device management, asset visibility, software-defined segmentation, software-defined access, guest and wireless access, BYOD, posture assessment, threat detection and response, and more<sup>1</sup>.

By showcasing the entire ISE feature set, you can demonstrate the value proposition and differentiation of ISE from other solutions, and how it can help the customer achieve their business and technical goals.

Explaining ISE support for 3rd party network devices: ISE is not limited to Cisco networks only. It can also support 3rd party network devices that comply with the standard protocols and interfaces, such as RADIUS, SNMP, TACACS+, 802.1X, MAB, CoA, and EAP<sup>2</sup>. By explaining ISE support for 3rd party network devices, you can show the customer that ISE is a flexible and interoperable solution that can work with their existing network infrastructure, and that they do not need to replace their non-Cisco devices to deploy ISE. The other three options are not helpful for selling Cisco ISE:

Referring to TrustSec as being only supported on Cisco networks: TrustSec is a Cisco technology that enables software-defined segmentation based on security group tags (SGTs) and security group access control lists (SGACLs)<sup>3</sup>. TrustSec is not only supported on Cisco networks, but also on 3rd party network devices that can integrate with ISE through pxGrid, which is a platform for sharing contextual information across multiple security products<sup>4</sup>. By referring to TrustSec as being only supported on Cisco networks, you can create a false impression that ISE is a proprietary and closed solution that requires a complete Cisco network overhaul, which can discourage the customer from adopting ISE.

Discussing the importance of custom profiling: Profiling is a feature of ISE that allows it to identify and classify the endpoints on the network based on their attributes, such as MAC address, IP address, device type, operating system, etc.<sup>5</sup>. Custom profiling is the ability to create custom profiles and policies for the endpoints that are not recognized by the default ISE profiles. While custom profiling is an important feature of ISE, it is not a key selling point, because it is a complex and time-consuming process that requires a deep understanding of the endpoint attributes and behaviors, and it may not be relevant or applicable for all customers. By discussing the importance of custom profiling, you can confuse or overwhelm the customer with technical details that are not essential for their use case, and divert their attention from the core benefits and features of ISE.

Downplaying the value of pxGrid as compared to RESTful APIs: pxGrid is a platform that enables ISE to share contextual information, such as identity, location, posture, device type, etc., with other security products, such as firewalls, SIEMs, threat detection systems, etc.<sup>4</sup>. RESTful APIs are a standard way of communicating with web services, such as ISE,

using HTTP methods, such as GET, POST, PUT, DELETE, etc... Both pxGrid and RESTful APIs are valuable for ISE, because they provide different capabilities and benefits. pxGrid allows ISE to exchange real-time and bidirectional information with other security products, and to enforce consistent policies across the network<sup>4</sup>. RESTful APIs allow ISE to be integrated with external applications and systems, such as portals, dashboards, workflows, etc., and to automate and customize the network operations. By downplaying the value of pxGrid as compared to RESTful APIs, you can misrepresent the functionality and potential of ISE, and miss the opportunity to showcase how ISE can enhance the security and efficiency of the network.

References:

Cisco Identity Services Engine (ISE) Use Cases<sup>1</sup> : Cisco Identity Services Engine Network Component Compatibility, Release 2.72 : Cisco TrustSec<sup>3</sup> : Cisco pxGrid<sup>4</sup> : Cisco ISE Network Discovery<sup>5</sup> : Cisco Identity Services Engine Administrator Guide, Release 2.7 - Configure Custom Profiling Policies [Cisco Identity Services Engine] - Cisco : Cisco Identity Services Engine API Reference Guide, Release 2.7 - Cisco ISE REST APIs [Cisco Identity Services Engine] - Cisco

#### **NEW QUESTION: 16**

Which Cisco vEdge route offers 20 Gb of encrypted throughput?

- A. Cisco vEdge 2000
- B. Cisco vEdge 1000
- C. Cisco vEdge 5000
- D. Cisco vEdge 100

**Answer: (SHOW ANSWER)**

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#### **NEW QUESTION: 17**

Which Cisco product were incorporated into Cisco ISE between ISE releases 2.0 and 2.3?

- A. Cisco ESA
- B. Cisco ACS
- C. Cisco WSA
- D. Cisco ASA

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 18**

Which Cisco product were incorporated into Cisco ISE between ISE releases 2.0 and 2.3?

- A. Cisco WSA
- B. Cisco ASA
- C. Cisco ESA
- D. Cisco ACS

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 19**

What statement is true regarding the current time in Enterprise Networking history?

- A. advent of IoT
- B. pace of change
- C. pervasive use of mobile devices
- D. advent of cloud computing

**Answer: B (LEAVE A REPLY)**

Explanation

The current time in enterprise networking history is characterized by the rapid pace of change in the network technologies, architectures, and services. Some of the factors that contribute to this change are:

The increasing demand for network performance, scalability, reliability, security, and agility from the business and end users.

The emergence of new network paradigms, such as software-defined networking (SDN), network function virtualization (NFV), cloud networking, and intent-based networking (IBN). The proliferation of network devices, applications, and data sources, such as the Internet of Things (IoT), mobile devices, cloud services, big data, and artificial intelligence (AI). The evolution of network standards, protocols, and best practices, such as IPv6, 5G, Wi-Fi 6, Ethernet, and network automation.

These factors create new opportunities and challenges for enterprise network designers, engineers, and administrators, who need to keep up with the latest trends and innovations, and adapt their network solutions to the changing business and technical requirements.

References:

Cisco Enterprise Network Architecture and Design,

<https://www.cisco.com/c/en/us/solutions/design-zone/networking-design-guides/enterprise-networking-design.html> Enterprise Networking Explained: Types, Concepts & Trends,

<https://www.bmc.com/blogs/enterprise-networking/2> : What is enterprise networking?,

<https://www.cloudflare.com/learning/network-layer/enterprise-networking/3> : Enterprise

WAN - A Brief History, <https://blogs.juniper.net/en-us/enterprise-cloud-and-transformation/enterprise-wan-a-brief-history4>

**NEW QUESTION: 20**

Which two statements are true regarding Cisco ISE?(Choose two.)

- A. ISE plays a critical role in SD-Access.
- B. Without integration with any other product, ISE can track the actual physical location of a wireless endpoint as it moves.
- C. An ISE deployment requires only a Cisco ISE network access control appliance.
- D. The major business outcomes of ISE are enhanced user experience and secure VLAN segmentation.
- E. ISE can provide data about when a specific device connected to the network.

**Answer: A,E (LEAVE A REPLY)**

### **NEW QUESTION: 21**

Which two statements are true regarding Cisco ISE? (Choose two.)

- A. ISE plays a critical role in SD-Access.
- B. ISE can provide data about when a specific device connected to the network.
- C. The major business outcomes of ISE are enhanced user experience and secure VLAN segmentation.
- D. An ISE deployment requires only a Cisco ISE network access control appliance.
- E. Without integration with any other product, ISE can track the actual physical location of a wireless endpoint as it moves.

**Answer: A,B (LEAVE A REPLY)**

Explanation

Cisco ISE is a policy decision point that enables enterprises to ensure compliance, enhance infrastructure security, and streamline service operations. Some features and benefits of Cisco ISE include 1:

Zero trust across the network: ISE allows only trusted users and devices access to resources on your network. It also uses intel to automatically identify, classify and profile devices.

Policy and lifecycle management: ISE simplifies the delivery of consistent, highly secure access control across wired, wireless, and VPN connections. It also allows users to add and manage their own devices through self-service portals.

Remote management and deployment: ISE supports cloud-based deployment and management, as well as integration with other Cisco products and third-party solutions.

Site survivability: ISE provides local authentication and authorization services for remote sites, even when the connection to the central ISE server is lost.

Visibility of all devices and their users: ISE can provide data about when a specific device connected to the network, what type of device it is, who is using it, what applications are running on it, and where it is located.

Among these features, two statements are true regarding Cisco ISE:

ISE plays a critical role in SD-Access: SD-Access is a network architecture that uses software-defined networking (SDN) principles to create a secure, scalable, and consistent

network fabric. ISE is the policy engine that defines and enforces the network segmentation and access policies for SD-Access<sup>2</sup>.

ISE can provide data about when a specific device connected to the network: ISE uses a number of probes to collect attributes for all endpoints on the network, and pass them to the Profiler analyzer, where the known endpoints are classified according to their associated policies and identity groups. ISE can also provide historical data about the endpoint connections, such as the time, duration, location, and user of the connection<sup>3</sup>.

The other three statements are false regarding Cisco ISE:

The major business outcomes of ISE are enhanced user experience and secure VLAN segmentation: ISE provides more than just user experience and VLAN segmentation. It also delivers business outcomes such as improved network performance, reduced operational costs, increased security, and simplified compliance<sup>4</sup>.

An ISE deployment requires only a Cisco ISE network access control appliance: ISE can be deployed on different platforms, such as physical appliances, virtual machines, or cloud services. An ISE deployment also requires other components, such as network devices, endpoints, and external identity sources<sup>5</sup>.

Without integration with any other product, ISE can track the actual physical location of a wireless endpoint as it moves: ISE can provide the location information of an endpoint based on the network device that it is connected to, such as the switch port or the wireless access point. However, to track the actual physical location of a wireless endpoint as it moves, ISE needs to integrate with other products, such as Cisco DNA Center, Cisco Connected Mobile Experiences (CMX), or Cisco Wireless LAN Controller (WLC)<sup>6</sup>.

References:

Cisco Content Hub - Cisco ISE Features<sup>1</sup> : Cisco SD-Access Solution Design Guide (CVD) - Cisco<sup>2</sup> : Cisco ISE Network Discovery<sup>3</sup> : Cisco Identity Services Engine (ISE) - Cisco<sup>4</sup> : Cisco Identity Services Engine Hardware Installation Guide, Release 2.7 - Cisco ISE Deployment [Cisco Identity Services Engine] - Cisco<sup>5</sup> : Cisco Identity Services Engine Administrator Guide, Release 2.7 - Configure Location Mapping [Cisco Identity Services Engine] - Cisco<sup>6</sup>

### **NEW QUESTION: 22**

Which node enables Cisco ISE to share contextual information on a device with Cisco Stealth watch?

- A. Inline Posture Node
- B. pXGrid Controller
- C. Monitoring and Troubleshooting
- D. Policy Administration Node

**Answer: B (LEAVE A REPLY)**

### **NEW QUESTION: 23**

What are the three foundational elements required for the new operational paradigm?  
(Choose three.)

- A. multiple technologies at multiple OSI layers
- B. assurance
- C. application QoS
- D. policy-based automated provisioning of network
- E. centralization
- F. fabric

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 24**

Which Cisco product supports SD-Access and specifically built to address new challenges faced by enterprises?

- A. ASR 1000-HX
- B. ISR 4221
- C. CSRv virtual router
- D. Catalyst 6807-XL w/ Sup6T and C6800 10G line cards
- E. Catalyst 9500
- F. Nexus 7700 w/ Sup2E and M3 line cards

**Answer:** ([SHOW ANSWER](#))

Explanation

The Cisco Catalyst 9500 Series Switches are specifically built to address the new challenges faced by enterprises, such as the need for increased bandwidth, security, and scalability. The Catalyst 9500 Series Switches are also designed to support Cisco SD-Access, which is a software-defined access fabric that simplifies network management and improves network security.

References: =

Designing Cisco Enterprise Networks

(ENDESIGN): [https://www.cisco.com/c/en/us/training-events/training-](https://www.cisco.com/c/en/us/training-events/training-certifications/training/training-serv)

certifications/training/training-serv Cisco Catalyst 9500 Series Switches:

<https://www.cisco.com/site/us/en/products/networking/switches/catalyst-9500-series-switches/in>

#### **NEW QUESTION: 25**

What are three ways in which Cisco ISE learns information about devices? (Choose three.)

- A. RPC mechanism via HTTPS
- B. RADIUS attributes
- C. network servers the device has accessed
- D. user authentication to the ISE
- E. traffic generated by the device
- F. SMTP agents

**Answer: B,D,E (LEAVE A REPLY)**

Explanation

Cisco ISE learns information about devices by using various methods, such as network probes, user authentication, and endpoint identity groups. Three ways in which Cisco ISE learns information about devices are:

B: RADIUS attributes: Cisco ISE can use the RADIUS protocol to collect information about devices from network access devices (NADs), such as switches, routers, and wireless controllers. The NADs can send RADIUS accounting packets to Cisco ISE that contain attributes related to the device identity, such as MAC address, IP address, hostname, device type, and vendor. Cisco ISE can use these attributes to profile the device and assign it to an endpoint identity group<sup>12</sup>.

D: user authentication to the ISE: Cisco ISE can also learn information about devices by authenticating the users who access the network through the devices. Cisco ISE can use various authentication methods, such as 802.1X, MAC Authentication Bypass (MAB), web authentication, or certificate-based authentication, to verify the identity and credentials of the users. Cisco ISE can then associate the user identity with the device identity and apply the appropriate authorization policies based on the user role, device type, and network context<sup>34</sup>.

E: traffic generated by the device: Cisco ISE can also learn information about devices by analyzing the traffic generated by the devices on the network. Cisco ISE can use various network probes, such as DHCP, SNMP, HTTP, DNS, or NetFlow, to capture and inspect the packets sent by the devices. Cisco ISE can then extract information from the packet headers and payloads, such as device name, operating system, browser type, application name, or domain name, and use it to profile the device and assign it to an endpoint identity group<sup>56</sup>.

References :

Cisco ISE Profiling Services

Configuring Profiler Policies

Cisco ISE Authentication Services

Configuring Device Sensor for ISE Profiling

Cisco ISE Endpoint Profiling Policies

ISE Profiling Design Guide

**NEW QUESTION: 26**

Which are two advantages of a "one switch at a time" approach to integrating SD-Access into an existing brownfield environment? (Choose two.)

- A. allows simplified roll back
- B. involves the least risk of all approaches
- C. appropriate for campus and remote site environments
- D. allows simplified testing prior to cutover
- E. opens up many new design and deployment opportunities

F. deal for protecting recent investments while upgrading legacy hardware

**Answer: C,F ([LEAVE A REPLY](#))**

### **NEW QUESTION: 27**

Which option will help build your customers platform during the discovery phase?

- A. POV report
- B. detailed design
- C. high-level design
- D. PO
- E. business case

**Answer: E ([LEAVE A REPLY](#))**

Explanation

= A business case is an option that will help build your customers platform during the discovery phase. A business case is a document that outlines the rationale, objectives, benefits, costs, risks, and alternatives of a proposed project or solution. A business case helps to justify the investment and align the stakeholders on the value proposition of the project or solution<sup>12</sup>.

During the discovery phase, the goal is to understand the problem that needs to be solved, the user needs and context, the constraints and opportunities, and the underlying policy intent. A business case can help to achieve this goal by providing a clear and concise summary of the problem statement, the desired outcomes, the potential solutions, and the evaluation criteria<sup>34</sup>. A business case can also help to communicate the vision and scope of the project or solution to the customers and other stakeholders, and to secure their buy-in and support<sup>56</sup>.

A business case is not the same as a POV report, a detailed design, a high-level design, or a PO. A POV report is a document that summarizes the findings and recommendations from a proof of value (POV) exercise, which is a short-term trial of a solution to demonstrate its feasibility and benefits<sup>7</sup>. A detailed design is a document that specifies the technical and functional requirements, architecture, and configuration of a solution<sup>8</sup>. A high-level design is a document that provides an overview of the solution, such as the main components, interfaces, and interactions<sup>9</sup>. A PO is a purchase order, which is a document that authorizes a purchase transaction between a buyer and a seller.

References :=

What is a business case? Definition and examples

Business Case - Project Management Knowledge

How the discovery phase works - Service Manual - GOV.UK

Discovery Phase - Service Design - The Beginner's Guide

How to Write a Business Case 4 Steps to a Perfect Business Case Template How to Write a Business Case: 4 Steps to a Perfect Business Case Template What is a Proof of Value (POV)?

What is a Detailed Design Document (DDD)?

What is a High-Level Design Document?

[What is a Purchase Order (PO)?]

**NEW QUESTION: 28**

Which three options focus of the current digital business era? (Choose three.)

- A. IoT scale
- B. automation
- C. connectivity
- D. centralized enterprise and web applications
- E. Human scale
- F. Virtualized services

**Answer: ([SHOW ANSWER](#))**

Explanation

The current digital business era is characterized by the rapid growth and adoption of digital technologies that enable companies to improve their business capabilities, operational efficiencies, and customer experiences. According to various sources, such as McKinsey<sup>1</sup> and Forbes<sup>23</sup>, some of the key focus areas of the current digital business era are:

**IoT scale:** The Internet of Things (IoT) refers to the network of physical devices, sensors, and machines that are connected to the internet and can communicate, collect, and exchange data. The IoT scale represents the massive amount and variety of data that are generated and processed by the IoT devices, as well as the potential value and insights that can be derived from them. The IoT scale also poses new challenges and opportunities for businesses, such as enhancing customer engagement, optimizing operations, creating new products and services, and ensuring security and privacy<sup>45</sup>.

**Automation:** Automation refers to the use of technology to perform tasks or processes that would otherwise require human intervention or effort. Automation can increase productivity, efficiency, accuracy, and consistency, as well as reduce costs, errors, and risks.

Automation can also enable businesses to scale up or down their operations, respond to changing customer demands, and innovate faster. Automation can be applied to various domains and functions, such as manufacturing, marketing, customer service, finance, and human resources<sup>6</sup>.

**Connectivity:** Connectivity refers to the ability to access, share, and exchange information and resources across different platforms, devices, and locations. Connectivity can enhance the communication and collaboration among businesses, customers, partners, and employees, as well as enable new business models and value propositions. Connectivity can also create new customer expectations and preferences, such as personalization, convenience, and speed. Connectivity can be enabled by various technologies, such as cloud computing, mobile devices, social media, and artificial intelligence.

References:

- 1: Digital strategy in the postpandemic era | McKinsey
- 2: The Business Benefits Of Living In The Most Digital Era Yet - Forbes
- 3: Why The Era Of Digital Transformation Is Important

For ... - Forbes 4: [What is IoT? How Smart Devices Impact Businesses in 2021] 5: [The Internet of Things: How IoT is changing the world - Forbes] 6: [What is Automation? Definition, Benefits, and Examples] : [How Automation Is Changing The Future Of Work - Forbes] : [What is Connectivity? Definition, Types, and Examples] : [How Connectivity Is Driving Business Transformation - Forbes]

#### **NEW QUESTION: 29**

Which two statements are true regarding Cisco ISE? (Choose two.)

- A. ISE plays critical role in SD Access
- B. ISE can provide data about when a specific device connected to the network
- C. The major business outcomes of ISE are enhanced user experience and secure VLAN segmentation
- D. An ISE deployment requires only a Cisco ISE network access control appliance
- E. Without integration with any other product, ISE can track the actual physical location of a wireless endpoint as it moves

**Answer: A,B (LEAVE A REPLY)**

#### **NEW QUESTION: 30**

What are three ways in Which Cisco ISE learns information about devices? (Choose three,)

- A. RADIUS attributes
- B. RPC mechanism via HTTPS
- C. traffic generated by the device
- D. network servers the device has accessed
- E. SMIP agents
- F. user authentication to the ISE

**Answer: A,C,D (LEAVE A REPLY)**

#### **NEW QUESTION: 31**

Which component of the SD Access fabric is responsible for communicating with networks that are external to the fabric?

- A. edge nodes
- B. control plane nodes
- C. intermediate nodes
- D. border-nodes

**Answer: A (LEAVE A REPLY)**

Explanation

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/Campus/CVD-Software-Defined-Access-Design-G>

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### **NEW QUESTION: 32**

Which two options help you sell Cisco ISE? (Choose two.)

- A. Explaining ISE support for 3rd party network devices
- B. Show casing the entire ISE feature set
- C. Referring to Trust Sec as being only supported on Cisco networks
- D. Discussing (he importance of custom profiling
- E. Downplaying the value of px Grid as compared to REST ful APIs

**Answer: A,B (LEAVE A REPLY)**

### **NEW QUESTION: 33**

Which are two Cisco ISE that benefits our customers? (Choose two.)

- A. enables them to set traffic priorities across the network
- B. helps t hem stop and contain real-time threats
- C. provides network access control
- D. helps t hem accelerate application deployment and delivery

**Answer: (SHOW ANSWER)**

Explanation

Cisco ISE benefits our customers by providing network access control and helping them stop and contain real-time threats. Network access control is the ability to enforce policies on who and what can access the network, based on the identity and context of users, devices, and applications. Cisco ISE allows customers to authenticate, authorize, and audit network access, as well as to segment and isolate network traffic based on security and compliance requirements. Cisco ISE also helps customers stop and contain real-time threats by leveraging intel from across the network and security ecosystem, and by automating threat response actions.

Cisco ISE can integrate with various security solutions, such as Cisco Stealthwatch, Cisco Firepower, and Cisco Umbrella, to detect and mitigate attacks on the network quickly and effectively. References:

Cisco Identity Services Engine (ISE) - Cisco1

Cisco Identity Services Engine (ISE) - Cisco2

Network Visibility and Segmentation (NVS) - Cisco3

Rapid Threat Containment - Cisco4

**NEW QUESTION: 34**

How would cisco ISE handle authentication for your printer that does not have a supplicant?

- A. ISE would authenticate the printer using web authentication.
- B. ISE would not authenticate the printer as printers are not subject to ISE authentication.
- C. ISE would authenticate the printer using 8.2.1X authentication
- D. ISE would authenticate the printer using MAB.
- E. ISE would authenticate the printer using MAC RADIUS authentication

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 35**

Which three options focus of the current digital business era? (Choose three.)

- A. Human scale
- B. automation
- C. connectivity
- D. virtualized services
- E. centralized enterprise and web applications
- F. IoT scale

**Answer: B,D,F (LEAVE A REPLY)**

**NEW QUESTION: 36**

Which two statements are true regarding SD-WAN demonstrations? (Choose two.)

- A. As a Cisco SD-WAN SE, you should you should spend your time learning about the technology rather than contributing to demo innovation.
- B. During a demo, you should demonstrate and discuss what the team considers important details.
- C. During a demo, you should consider the target audience and the desired outcome.
- D. Use demonstrations primarily for large opportunities and competitive situations.
- E. There is a big difference between demos that use a top down approach and demos that use a bottom up approach.

**Answer: C,E (LEAVE A REPLY)**

Explanation

SD-WAN demonstrations are an effective way to showcase the benefits and features of Cisco SD-WAN solutions to potential customers. However, not all demos are created equal, and there are some best practices to follow to ensure a successful and engaging demo. Here are some explanations for why C and E are true statements regarding SD-WAN demonstrations:

C: During a demo, you should consider the target audience and the desired outcome. This is a true statement because different audiences may have different levels of technical knowledge, business needs, and expectations from the demo. For example, a demo for a C-level executive may focus more on the business outcomes and value proposition of SD-

WAN, while a demo for a network engineer may dive deeper into the technical details and configuration options. Therefore, it is important to tailor the demo to the specific audience and the desired outcome, such as generating interest, building trust, or closing a deal.

E: There is a big difference between demos that use a top down approach and demos that use a bottom up approach. This is also a true statement because the two approaches have different advantages and disadvantages, and may suit different scenarios. A top down approach starts with the high-level overview of the SD-WAN solution, such as the architecture, components, benefits, and use cases, and then drills down into the specific features and functionalities. A bottom up approach starts with the low-level details of the SD-WAN solution, such as the configuration, troubleshooting, and testing, and then builds up to the big picture and value proposition. A top down approach may be more suitable for a non-technical or business-oriented audience, while a bottom up approach may be more suitable for a technical or hands-on audience.

References :=

Cisco SD-WAN Demonstration Guide

SD-WAN Best Practices | Kentik Blog

SD-WAN best practices for a successful implementation

SD-WAN best practices - VMware Blogs

### **NEW QUESTION: 37**

Which element of the Cisco SD-WAN architecture facilitates the functions of controller discovery and NAT traversal?

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

**Answer: D ([LEAVE A REPLY](#))**

### **NEW QUESTION: 38**

Which Cisco product supports SD-Access and is specifically built to address new challenges faced by enterprises?

- A. Catalyst 6807-XL w/ Sup6T and C6800 10G line cards
- B. Nexus 7700 w/ Sup2E and M3 line cards
- C. Catalyst 9500
- D. ASR 1000-HX
- E. ISR 4221
- F. CSRv virtual router

**Answer: ([SHOW ANSWER](#))**

### **NEW QUESTION: 39**

Which element of the Cisco SD-WAN architecture facilitates the functions of controller discovery and NAT traversal?

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

**Answer: C (LEAVE A REPLY)**

Explanation

The vBond orchestrator is an SD-WAN router responsible for authenticating and orchestrating connectivity between the vSmart controllers and SD-WAN routers. It is the sole device in the network that requires a public IP address for all SD-WAN devices to connect to it. The vBond orchestrator has three major functions:

**Controller discovery:** The vBond orchestrator acts as the initial point of contact for all SD-WAN components that join the network. It authenticates the devices using pre-installed credentials and assigns them to a vSmart controller. The vBond orchestrator also provides the IP addresses of the vSmart controllers and the vManage NMS to the SD-WAN routers.

**NAT traversal:** The vBond orchestrator facilitates the establishment of secure DTLS or TLS tunnels between the SD-WAN components that are behind NAT devices. The vBond orchestrator acts as a rendezvous point for the NATed devices and helps them exchange their public IP addresses and port numbers. The vBond orchestrator also performs NAT keepalive and hole punching to maintain the NAT bindings and prevent the NAT devices from timing out the sessions.

**Certificate management:** The vBond orchestrator acts as the certificate authority (CA) for the SD-WAN network. It generates and signs the certificates for the SD-WAN components and distributes them to the devices. The certificates are used to authenticate the devices and encrypt the control and data plane traffic.

References:

Cisco SD-WAN Architecture Overview

Cisco Catalyst SD-WAN Getting Started Guide

New Training: Identify Cisco SD-WAN Components

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