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NEW QUESTION: 1

What role does capacity planning play in the low-level design of a data center solution?

- A. Implementing security protocols for access control
- B. Estimating the number of employees needed to operate the data center
- C. Determining the maximum load the data center can handle
- D. Allocating budget for hardware purchases

Answer: C (LEAVE A REPLY)

Capacity planning helps to determine the maximum load the data center can handle, ensuring that it can support the required workloads without performance degradation.

NEW QUESTION: 2

Which of the following is a best practice when installing the Aruba data center solution across multiple locations?

- A. Using different hardware configurations for each location
- B. Standardizing configurations and settings across all locations
- C. Maintaining separate monitoring tools for each location
- D. Implementing different security protocols at each location

Answer: (SHOW ANSWER)

Standardizing configurations and settings across all locations helps ensure consistency, ease of management, and scalability of the solution.

NEW QUESTION: 3

Which of the following protocols is commonly used for securely transferring configuration files to network devices?

- A. SSH
- B. SNMP
- C. FTP

D. Telnet

Answer: A (LEAVE A REPLY)

SSH (Secure Shell) is commonly used for securely transferring configuration files to network devices.

NEW QUESTION: 4

Which command is used to configure an IP address on a specific interface of an Aruba switch?

- A. channel-group 1 mode auto
- B. interface vlan 1
- C. ip address 192.168.1.1 255.255.255.0
- D. spanning-tree vlan 1 root primary

Answer: C (LEAVE A REPLY)

The "ip address 192.168.1.1 255.255.255.0" command is used to configure an IP address on a specific interface of an Aruba switch.

NEW QUESTION: 5

Which protocol is commonly used for securing data transmitted between network devices?

- A. FTP
- B. SSH
- C. HTTPS
- D. HTTP

Answer: B (LEAVE A REPLY)

SSH (Secure Shell) is commonly used for securing data transmitted between network devices.

NEW QUESTION: 6

What is a key step in installing the Aruba solution for the data center?

- A. Running diagnostic tests
- B. Configuring network switches
- C. Setting up virtual machines
- D. Implementing security protocols

Answer: B (LEAVE A REPLY)

Configuring network switches is crucial for ensuring proper communication and functionality within the data center.

NEW QUESTION: 7

When configuring a network switch, what is the purpose of configuring VLANs?

- A. To establish remote access to the switch
- B. To improve network security
- C. To increase the speed of data transfer

D. To separate network traffic into different broadcast domains

Answer: D (LEAVE A REPLY)

Configuring VLANs on a network switch helps to separate network traffic into different broadcast domains, improving network performance and security.

NEW QUESTION: 8

Which protocol is commonly used for integration between Aruba solutions and network devices?

- A.** DHCP
- B.** SMTP
- C.** HTTP
- D.** SSH

Answer: D (LEAVE A REPLY)

SSH (Secure Shell) is commonly used for secure communication and integration between Aruba solutions and network devices.

NEW QUESTION: 9

What tool can be used to monitor the health and performance of network devices and servers in a data center environment?

- A.** HTTPS
- B.** TCP/IP
- C.** DNS
- D.** SNMP

Answer: (SHOW ANSWER)

SNMP (Simple Network Management Protocol) is commonly used to monitor and manage devices in a network environment.

NEW QUESTION: 10

When diagnosing performance issues in the data center, which Aruba embedded diagnostic tool offers automated remediation suggestions based on predefined policies?

- A.** Aruba NAE (Network Analytics Engine)
- B.** Aruba ClearPass
- C.** Aruba Meridian
- D.** Aruba IntroSpect

Answer: (SHOW ANSWER)

Aruba NAE (Network Analytics Engine) offers automated remediation suggestions based on predefined policies when diagnosing performance issues in the data center.

NEW QUESTION: 11

Which Aruba solution can help create a monitored environment for data center operations?

- A.** Aruba CX Switches

- B. Aruba Instant
- C. Aruba User Experience Insight
- D. Aruba Central

Answer: D (LEAVE A REPLY)

Aruba Central is an integrated cloud-based network management solution that can help create a monitored environment for data center operations.

NEW QUESTION: 12

What is a potential consequence of inadequate cooling and ventilation in a data center environment?

- A. Increased energy efficiency
- B. Reduced risk of equipment failure
- C. Improved hardware performance
- D. Overheating and hardware damage

Answer: D (LEAVE A REPLY)

Inadequate cooling and ventilation can lead to overheating, causing hardware damage and potential system failure.

NEW QUESTION: 13

What tool in Aruba Data Center can be used to diagnose and resolve issues related to network policies and access control?

- A. Packet Capture
- B. Aruba Central
- C. ClearPass
- D. Aruba Sensor

Answer: C (LEAVE A REPLY)

ClearPass in Aruba Data Center is the tool used to diagnose and resolve issues related to network policies and access control.

NEW QUESTION: 14

Which best practices should be followed when optimizing storage systems in a data center environment?

- A. Storing all data on a single device
- B. Neglecting storage capacity planning
- C. Implementing data deduplication
- D. Disabling data encryption

Answer: (SHOW ANSWER)

Implementing data deduplication helps reduce storage space usage and improve efficiency in data center storage systems.

NEW QUESTION: 15

Which tool can be used to monitor network traffic and performance in a data center environment?

- A. Nagios
- B. Wireshark
- C. Ping
- D. Grafana

Answer: (SHOW ANSWER)

Wireshark is a popular tool for monitoring network traffic and performance in a data center environment.

NEW QUESTION: 16

What is the purpose of setting up automated alerts in a monitored environment?

- A. To reduce response time to issues
- B. To schedule maintenance tasks
- C. To generate performance reports
- D. To control access permissions

Answer: (SHOW ANSWER)

Automated alerts in a monitored environment help reduce response time to issues by notifying administrators immediately.

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NEW QUESTION: 17

What is a primary objective when planning the low-level design of a data center solution?

- A. Improving efficiency
- B. Increasing downtime
- C. Expanding server space
- D. Reducing costs

Answer: (SHOW ANSWER)

Improving efficiency is a primary objective when planning the low-level design of a data center solution to optimize performance and resource utilization.

NEW QUESTION: 18

When planning the low-level design, why is it essential to consider future growth and scalability requirements?

- A. To reduce maintenance costs
- B. To simplify troubleshooting processes
- C. To prevent network congestion
- D. To accommodate future business needs

Answer: (SHOW ANSWER)

Considering future growth and scalability ensures that the data center solution can expand to meet the evolving needs of the organization.

NEW QUESTION: 19

Which tool can be used to monitor the performance and utilization of resources in an Aruba data center solution?

- A. Aruba AirWave
- B. Aruba Analytics
- C. Aruba Central
- D. Aruba NetEdit

Answer: A (LEAVE A REPLY)

Aruba AirWave is a network management tool that provides real-time monitoring and reporting on network performance and device utilization.

NEW QUESTION: 20

Before self-installing an Aruba Data Center solution, what should individuals ensure they have access to?

- A. Safety goggles
- B. A crystal ball
- C. A sledgehammer
- D. Installation manual

Answer: D (LEAVE A REPLY)

Before self-installing an Aruba Data Center solution, individuals should ensure they have access to the installation manual to follow proper installation procedures.

NEW QUESTION: 21

When planning the low-level design of a data center solution, which factor should be taken into consideration as a priority?

- A. Performance
- B. Scalability
- C. Cost
- D. Aesthetics

Answer: B (LEAVE A REPLY)

Scalability is crucial in the low-level design of a data center solution to ensure that the infrastructure can grow and adapt to future needs.

NEW QUESTION: 22

What is a common best practice for maintaining and optimizing data center performance?

- A. Adding more servers without monitoring resource usage
- B. All of the above
- C. Regularly updating firmware and software
- D. Ignoring any performance issues

Answer: (SHOW ANSWER)

Regularly updating firmware and software is a common best practice to maintain and optimize data center performance.

NEW QUESTION: 23

When maintaining and optimizing a data center solution, why is it important to regularly review and analyze performance metrics?

- A. To ignore potential issues
- B. To ensure optimal performance and identify areas for improvement
- C. To increase costs
- D. To decrease energy consumption

Answer: B (LEAVE A REPLY)

Regularly reviewing and analyzing performance metrics is crucial to ensure optimal performance and identify areas for improvement in a data center solution.

NEW QUESTION: 24

In a virtualized environment, what tool can be used to check the health and status of virtual machines and their underlying infrastructure?

- A. SolarWinds
- B. PuTTY
- C. vSphere Client
- D. SNMP Tool

Answer: (SHOW ANSWER)

The vSphere Client is a tool used to manage and monitor virtual machines, hosts, and datacenters in a VMware vSphere environment.

NEW QUESTION: 25

Which embedded diagnostic tool can help troubleshoot VPN connectivity issues on an Aruba Data Center Network?

- A. Traceroute tool
- B. Tcpdump tool
- C. Show vpn command

D. Packet capture tool

Answer: (SHOW ANSWER)

The Traceroute tool can be used to troubleshoot VPN connectivity issues by showing the path and hops taken by packets through the network.

NEW QUESTION: 26

Which protocol is commonly used for configuring and managing network devices such as switches and routers?

- A. ARP
- B. TCP
- C. SNMP
- D. SSH

Answer: C (LEAVE A REPLY)

SNMP (Simple Network Management Protocol) is commonly used for configuring and managing network devices.

NEW QUESTION: 27

If a server is experiencing high CPU utilization, which diagnostic tool can be used to identify the processes consuming the most CPU resources?

- A. Task Manager
- B. Resource Monitor
- C. Event Viewer
- D. Performance Monitor

Answer: A (LEAVE A REPLY)

Task Manager in Windows allows you to view and manage running processes, including CPU and memory usage.

NEW QUESTION: 28

When configuring a server in a data center, which of the following settings should be adjusted to control the maximum amount of data that can be transferred in and out of the server?

- A. Firewall rules
- B. CPU frequency
- C. Bandwidth throttling
- D. Memory allocation

Answer: C (LEAVE A REPLY)

Bandwidth throttling settings can be adjusted to control the maximum data transfer rate in and out of a server.

NEW QUESTION: 29

When configuring a virtualized data center environment, which of the following storage technologies can be used to provide fast access to frequently accessed data?

- A. Solid-State Drives (SSDs)
- B. Optical Disc Storage
- C. Network-Attached Storage (NAS)
- D. Magnetic Tape Storage

Answer: A (LEAVE A REPLY)

Solid-State Drives (SSDs) can provide fast access to frequently accessed data in virtualized data center environments.

NEW QUESTION: 30

When troubleshooting network issues in Aruba Data Center, which tool can be used to capture and analyze network packets?

- A. ClearPass
- B. Packet Capture
- C. AirWave
- D. Aruba Central

Answer: (SHOW ANSWER)

Packet Capture is a diagnostic tool used to capture and analyze network packets for troubleshooting network issues.

NEW QUESTION: 31

When maintaining and optimizing a data center solution, what is a common best practice to ensure efficient performance?

- A. Implementing random configuration changes
- B. Regularly updating firmware and software patches
- C. Ignoring performance metrics
- D. Turning off monitoring systems to reduce overhead

Answer: (SHOW ANSWER)

Regularly updating firmware and software patches is a common best practice to ensure efficient performance in a data center solution.

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NEW QUESTION: 32

Which of the following is a consideration when installing network cables for the Aruba Certified Data Center solution?

- A. Avoid using cable labels
- B. Place cables near sources of interference
- C. Use the shortest cable lengths possible
- D. Bundle cables tightly together

Answer: C (LEAVE A REPLY)

Using the shortest cable lengths possible reduces signal loss and potential interference for optimal network performance.

NEW QUESTION: 33

Which technology can be used to automate the monitoring and management of IT resources in a data center?

- A. Machine Learning (ML)
- B. Internet of Things (IoT)
- C. Infrastructure as Code (IaC)
- D. Artificial Intelligence (AI)

Answer: (SHOW ANSWER)

Infrastructure as Code (IaC) technology can be used to automate the monitoring and management of IT resources in a data center.

NEW QUESTION: 34

Which of the following is a key consideration in the low-level design planning for power distribution?

- A. Using low-capacity UPS units
- B. Utilizing unmanaged power strips
- C. Implementing redundant power sources
- D. Relying on a single power distribution unit

Answer: C (LEAVE A REPLY)

Implementing redundant power sources in the low-level design planning ensures continuity of operation and minimizes the risk of downtime due to power failures.

NEW QUESTION: 35

What is the purpose of configuring Port Security on an Aruba switch?

- A. To prevent unauthorized devices from connecting to switch ports
- B. To configure VLANs on the switch
- C. To monitor network traffic in real-time
- D. To restrict access to the switch to specific IP addresses

Answer: A (LEAVE A REPLY)

The purpose of configuring Port Security on an Aruba switch is to prevent unauthorized devices from connecting to switch ports.

NEW QUESTION: 36

During the maintenance phase of a data center solution, what is the purpose of performing software updates?

- A. Reducing cooling costs
- B. Enhancing server aesthetics
- C. Improving network security
- D. Increasing CPU temperature

Answer: C (LEAVE A REPLY)

Performing software updates is important for improving network security in a data center solution.

NEW QUESTION: 37

Which embedded diagnostic tool can help analyze network traffic and identify potential security threats on an Aruba Data Center Network?

- A. Show command
- B. Trace route tool
- C. Netflow tool
- D. Packet capture tool

Answer: D (LEAVE A REPLY)

The Packet capture tool captures and analyzes network traffic, allowing for the identification of potential security threats and performance issues.

NEW QUESTION: 38

What is a key consideration when planning the low-level design of networking equipment in a data center?

- A. Port speed and capacity
- B. Antivirus software compatibility
- C. Software licensing costs
- D. Energy efficiency

Answer: (SHOW ANSWER)

A key consideration when planning the low-level design of networking equipment in a data center is the port speed and capacity to meet the network demands.

NEW QUESTION: 39

In a virtualized environment, what is used to logically segment a physical server into multiple virtual servers?

- A. VLAN
- B. Hypervisor

C. Firewall

D. Router

Answer: B (LEAVE A REPLY)

NEW QUESTION: 40

When integrating Aruba data center solutions with existing infrastructure, which of the following factors should be considered?

A. Security

B. Cost

C. Speed of deployment

D. Compatibility

Answer: D (LEAVE A REPLY)

Compatibility is an important factor to consider when integrating Aruba data center solutions with existing infrastructure.

NEW QUESTION: 41

What is an advantage of implementing automation tools for maintenance and optimization tasks in a data center?

A. Reduced human error

B. Limited scalability

C. Ignoring performance metrics

D. Increased manual labor

Answer: A (LEAVE A REPLY)

Implementing automation tools for maintenance and optimization tasks can help reduce human error and improve operational efficiency in a data center environment.

NEW QUESTION: 42

Which of the following is a benefit of creating a monitored environment in a data center?

A. Proactive monitoring of system health

B. Improved troubleshooting capabilities

C. All of the above

D. Enhanced security posture

Answer: C (LEAVE A REPLY)

Creating a monitored environment in a data center offers benefits such as improved troubleshooting capabilities, proactive monitoring of system health, and enhanced security posture.

NEW QUESTION: 43

Which embedded diagnostic tool provides real-time visibility into the performance and health of network devices in an Aruba data center?

A. Aruba AirWave

- B. Aruba Central
- C. ArubaOS CLI
- D. Aruba NetEdit

Answer: B (LEAVE A REPLY)

Aruba Central offers real-time visibility into the performance and health of network devices within an Aruba data center environment.

NEW QUESTION: 44

What is the purpose of setting up alerts in a monitored environment?

- A. To generate unnecessary notifications
- B. To increase network latency
- C. To simplify troubleshooting
- D. To stay informed of potential issues or anomalies

Answer: D (LEAVE A REPLY)

Setting up alerts helps administrators stay informed of potential issues or anomalies in the network in real-time.

NEW QUESTION: 45

Which embedded diagnostic tool in Aruba offers real-time monitoring and alerts for performance issues and anomalies in the data center network?

- A. Aruba Central
- B. Aruba ClearPass
- C. Aruba IntroSpect
- D. Aruba Meridian

Answer: (SHOW ANSWER)

Aruba IntroSpect is an embedded diagnostic tool that offers real-time monitoring and alerts for performance issues and anomalies in the data center network.

NEW QUESTION: 46

What is the purpose of conducting a capacity planning analysis when designing the low-level architecture of a data center?

- A. To reduce network security risks
- B. To increase cooling efficiency
- C. To optimize software performance
- D. To predict future resource requirements

Answer: D (LEAVE A REPLY)

Conducting a capacity planning analysis is important in designing the low-level architecture of a data center to predict future resource requirements and ensure scalability.

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NEW QUESTION: 47

What is a recommended approach for optimizing energy efficiency in a data center?

- A. Utilizing virtualization technology
- B. Overlooking environmental monitoring
- C. Running cooling systems continuously
- D. Disregarding server power consumption

Answer: (SHOW ANSWER)

Utilizing virtualization technology is a recommended approach for optimizing energy efficiency in a data center by consolidating servers and reducing power consumption.

NEW QUESTION: 48

When maintaining and optimizing a data center solution, what is a common task that should be regularly performed to ensure optimal performance?

- A. Changing the network topology
- B. Powering off the equipment overnight
- C. Checking for software updates
- D. Ignoring performance reports

Answer: (SHOW ANSWER)

Regularly checking for software updates is crucial to maintain security and performance in a data center solution.

NEW QUESTION: 49

How can you configure port security on an Aruba switch to restrict access to specific MAC addresses?

- A. Using the "switchport port-security mac-address XX MAC_address" command
- B. Using the "interface XX" command
- C. Using the "vlan XX" command
- D. Using the "mac-address-table static XX MAC_address" command

Answer: A (LEAVE A REPLY)

Port security on an Aruba switch can be configured to restrict access to specific MAC addresses using the "switchport port-security mac-address XX MAC_address" command.

NEW QUESTION: 50

During the low-level design phase, what role does the capacity planning play in the overall process?

- A. Maintaining equipment inventory
- B. Performing routine backups
- C. Estimating future resource requirements
- D. Configuring switch port settings

Answer: C (LEAVE A REPLY)

Capacity planning involves estimating future resource requirements to ensure that the data center solution can handle increased workloads.

NEW QUESTION: 51

When planning the low-level design of a data center solution, which factor should be considered first?

- A. Network bandwidth availability
- B. Physical location of the data center
- C. Number of servers needed
- D. Power and cooling requirements

Answer: D (LEAVE A REPLY)

Power and cooling requirements are essential to ensure the data center can support the hardware and maintain optimal performance.

NEW QUESTION: 52

Which diagnostic tool is essential for pinpointing the source of network performance issues by capturing and analyzing data packets?

- A. Performance monitoring
- B. System logs
- C. Traceroute
- D. Packet sniffing

Answer: D (LEAVE A REPLY)

Packet sniffing tools capture and analyze data packets to pinpoint the source of network performance issues.

NEW QUESTION: 53

Which embedded diagnostic tool can be used to view system events, errors, and warnings generated by the software and hardware components?

- A. System logs
- B. Packet sniffing
- C. Traceroute
- D. Performance monitoring

Answer: A (LEAVE A REPLY)

System logs provide visibility into system events, errors, and warnings generated by software and hardware components for troubleshooting purposes.

NEW QUESTION: 54

Which tool can be used to monitor network traffic and performance in an Aruba data center environment?

- A. Aruba AirWave
- B. Aruba Central
- C. Aruba IntroSpect
- D. Aruba ClearPass

Answer: A (LEAVE A REPLY)

Aruba AirWave is a monitoring and management solution that provides visibility into the performance and health of the network.

NEW QUESTION: 55

When troubleshooting network connectivity issues using embedded diagnostic tools, which of the following commands can be used to check if a device is reachable?

- A. nslookup
- B. tracet
- C. ipconfig
- D. ping

Answer: (SHOW ANSWER)

The "ping" command is commonly used to test network reachability by sending ICMP echo requests to a target host.

NEW QUESTION: 56

When troubleshooting network connectivity issues on an Aruba Data Center Network, which embedded diagnostic tool should be used?

- A. Ping tool
- B. Packet capture tool
- C. Show command
- D. Trace route tool

Answer: (SHOW ANSWER)

The Ping tool is used to test network connectivity between devices by sending ICMP echo requests.

NEW QUESTION: 57

What is a key aspect to consider in the low-level design phase to ensure high availability of the data center solution?

- A. Public transportation options
- B. Backup generators

- C. Shared passwords
- D. Office supplies

Answer: (SHOW ANSWER)

Including backup generators in the low-level design phase is crucial to ensure high availability of the data center solution in case of power outages.

NEW QUESTION: 58

When troubleshooting network latency issues, which embedded diagnostic tool can help identify the network path taken by packets?

- A. Show command
- B. Trace route tool
- C. Packet capture tool
- D. Ping tool

Answer: B (LEAVE A REPLY)

The Trace route tool can help identify the network path taken by packets and pinpoint latency issues by showing the hops taken to reach a destination.

NEW QUESTION: 59

Which of the following embedded diagnostic tools in Aruba can help you identify network connectivity issues?

- A. Aruba AirWave
- B. Aruba Central
- C. Aruba Analytics and Assurance
- D. Aruba NetEdit

Answer: C (LEAVE A REPLY)

Aruba Analytics and Assurance is an embedded diagnostic tool that provides insights into network performance and connectivity issues.

NEW QUESTION: 60

What is an important aspect of data center capacity planning and optimization?

- A. Underprovisioning resources
- B. Overprovisioning resources
- C. Ignoring current usage trends
- D. Regularly reviewing utilization levels

Answer: (SHOW ANSWER)

Regularly reviewing utilization levels is important for data center capacity planning and optimization.

NEW QUESTION: 61

When installing an Aruba solution in a data center, which of the following steps is NOT typically part of the installation process?

- A. Configuring VLAN settings
- B. Running network cables
- C. Installing firmware updates
- D. Setting up monitoring tools

Answer: A (LEAVE A REPLY)

Configuring VLAN settings is typically done as part of the network configuration phase, not the installation process.

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NEW QUESTION: 62

What is the purpose of creating a monitored environment in a data center?

- A. To optimize resource allocation
- B. To achieve high availability of services
- C. To proactively detect and address issues
- D. To collect data for compliance auditing

Answer: (SHOW ANSWER)

Creating a monitored environment helps proactively detect and address issues before they impact services.

NEW QUESTION: 63

When setting up a wireless network, which of the following security protocols should be enabled to protect data transmissions?

- A. WEP
- B. WPA3
- C. HTTPS
- D. FTPS

Answer: (SHOW ANSWER)

To protect data transmissions in a wireless network, enabling the latest security protocol such as WPA3 is recommended.

NEW QUESTION: 64

In a monitored environment, what is the purpose of bandwidth monitoring?

- A. To increase network security

- B. To decrease network availability
- C. To identify unauthorized network access
- D. To optimize network performance and capacity

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

Bandwidth monitoring helps optimize network performance and capacity by identifying areas where resources are being underutilized or overutilized.

NEW QUESTION: 65

In a data center environment, which of the following configurations would help improve network performance by allowing multiple devices to share the same IP address?

- A. Port forwarding
- B. Network Address Translation (NAT)
- C. MAC address filtering
- D. VLAN trunking

Answer: B [\(LEAVE A REPLY\)](#)

Network Address Translation (NAT) allows multiple devices to share the same public IP address by translating internal IP addresses to a single external address.

NEW QUESTION: 66

Which type of tool is commonly used to generate reports based on historical monitoring data in a data center environment?

- A. Configuration management tool
- B. Asset management system
- C. Network analyzer
- D. Performance monitoring tool

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

Performance monitoring tools can analyze historical data and generate reports to help administrators identify trends and patterns.

NEW QUESTION: 67

When configuring firewall policies in a data center solution, which concept involves allowing or denying traffic based on a set of rules?

- A. Intrusion Detection System (IDS)
- B. Application layer gateway (ALG)
- C. Access Control Lists (ACLs)
- D. Stateful inspection

Answer: C [\(LEAVE A REPLY\)](#)

Configuring firewall policies in a data center solution may involve the use of Access Control Lists (ACLs) to allow or deny traffic based on a set of rules.

NEW QUESTION: 68

Why is it important to regularly review and update data center security policies and procedures?

- A. To minimize staff training efforts
- B. To increase vulnerability to cyber attacks
- C. To create confusion among staff
- D. To ensure alignment with changing threats and regulations

Answer: (SHOW ANSWER)

Regularly reviewing and updating data center security policies and procedures is important to ensure alignment with changing threats and regulations.

NEW QUESTION: 69

What diagnostic tool can help identify bottleneck areas in network performance by analyzing the flow of packets between devices?

- A. Traceroute
- B. Performance monitoring
- C. System logs
- D. Packet sniffing

Answer: D (LEAVE A REPLY)

Packet sniffing tools can identify bottleneck areas in network performance by analyzing the flow of packets between devices.

NEW QUESTION: 70

Which embedded diagnostic tool in Aruba provides visibility into application performance metrics, latency, and response times to assist in troubleshooting application-related issues?

- A. Aruba IntroSpect
- B. Aruba User Experience Insight
- C. Aruba Central
- D. Aruba NetEdit

Answer: B (LEAVE A REPLY)

Aruba User Experience Insight is an embedded diagnostic tool that provides visibility into application performance metrics, latency, and response times.

NEW QUESTION: 71

Which of the following settings is typically configured on a Wi-Fi router to secure the network?

- A. IP address
- B. MAC filtering
- C. Port forwarding
- D. SSID

Answer: B (LEAVE A REPLY)

MAC filtering is used to restrict access to a Wi-Fi network based on the MAC addresses of devices.

NEW QUESTION: 72

When configuring a firewall, what does NAT stand for?

- A. Network Address Translation
- B. Network Access Trace
- C. Network Authorization Token
- D. Network Attack Target

Answer: A (LEAVE A REPLY)

NAT (Network Address Translation) is used to translate private IP addresses to public IP addresses.

NEW QUESTION: 73

During the installation process, what is the purpose of validating hardware compatibility?

- A. Installing additional security measures
- B. Verifying that system requirements are met
- C. Configuring network settings
- D. Ensuring software updates are completed

Answer: (SHOW ANSWER)

Validating hardware compatibility helps ensure that the hardware is capable of supporting the solution and that it will function properly.

NEW QUESTION: 74

Which embedded diagnostic tool can help identify network devices on the same broadcast domain?

- A. Packet capture tool
- B. Trace route tool
- C. Arp tool
- D. Show command

Answer: C (LEAVE A REPLY)

The ARP tool can help identify devices on the same broadcast domain by displaying the IP and MAC address mappings.

NEW QUESTION: 75

What is the purpose of monitoring environmental factors like temperature and humidity in a data center?

- A. To ensure optimal performance of hardware
- B. All of the above
- C. To comply with industry regulations
- D. To prevent equipment failure

Answer: (SHOW ANSWER)

Monitoring environmental factors like temperature and humidity in a data center is important to ensure optimal performance of hardware, prevent equipment failure, and comply with industry regulations.

NEW QUESTION: 76

Which diagnostic tool in Aruba Data Center can assist in identifying and troubleshooting WAN connectivity issues?

- A. AirWave
- B. RFProtect
- C. Network Insight
- D. NetEdit

Answer: C (LEAVE A REPLY)

Network Insight is the diagnostic tool in Aruba Data Center that can assist in identifying and troubleshooting WAN connectivity issues.

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NEW QUESTION: 77

Which embedded diagnostic tool can be used to monitor device health, system logs, and performance metrics in the Aruba environment?

- A. Aruba Fabric Composer
- B. Aruba NetInsight
- C. Aruba AirWave
- D. Aruba CX management console

Answer: C (LEAVE A REPLY)

Aruba AirWave can be used to monitor device health, system logs, and performance metrics in the Aruba environment.

NEW QUESTION: 78

When integrating cloud services with on-premises data center infrastructure, what is a common challenge that organizations face?

- A. Lack of scalability
- B. Data sovereignty concerns

C. Security vulnerabilities

D. Limited bandwidth

Answer: B (LEAVE A REPLY)

A common challenge organizations face when integrating cloud services with on-premises data center infrastructure is navigating data sovereignty concerns.

NEW QUESTION: 79

Which of the following is a common task during the installation of a data center solution?

A. Updating anti-virus software

B. Setting up cloud storage

C. Installing patches and updates

D. Configuring firewalls

Answer: (SHOW ANSWER)

Installing patches and updates is a common task during the installation of a data center solution to ensure systems are up to date and secure.

NEW QUESTION: 80

Which network protocol is commonly used for management and monitoring during the installation of the Aruba Data Center solution?

A. SNMP

B. FTP

C. SSH

D. TCP/IP

Answer: A (LEAVE A REPLY)

SNMP (Simple Network Management Protocol) is commonly used for management and monitoring in the Aruba Data Center installation process.

NEW QUESTION: 81

Which embedded diagnostic tool in the Aruba environment can be used to monitor and detect abnormal behavior or security threats on the network?

A. Aruba NetEdit

B. Aruba Fabric Composer

C. Aruba ClearPass

D. Aruba IntroSpect

Answer: (SHOW ANSWER)

Aruba IntroSpect can be used to monitor and detect abnormal behavior or security threats on the network in the Aruba environment.

NEW QUESTION: 82

Which of the following is used to create virtual private network (VPN) connections between remote sites?

- A. LDAP
- B. DNS
- C. SMTP
- D. VPN concentrator

Answer: (SHOW ANSWER)

A VPN concentrator is used to facilitate secure VPN connections between remote sites.

NEW QUESTION: 83

In a data center environment, what does the term "integration" refer to?

- A. Configuring software applications
- B. Implementing network security measures
- C. Connecting different hardware components
- D. Troubleshooting server issues

Answer: C (LEAVE A REPLY)

Integration in a data center environment typically refers to connecting different hardware components to work together seamlessly.

NEW QUESTION: 84

Which of the following plays a crucial role in ensuring successful integration of on-premises and cloud-based data center solutions?

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- A. API gateways
- B. Advanced firewall rules
- C. Load balancing
- D. Network segmentation

Answer: (SHOW ANSWER)

API gateways play a crucial role in ensuring successful integration of on-premises and cloud-based data center solutions by providing a secure and controlled interface for communication.

NEW QUESTION: 85

During the integration phase of a new software solution, what should be done to ensure minimal disruption to ongoing operations within the data center?

- A. Perform integration during peak hours
- B. Shut down all servers temporarily
- C. Skip the integration process altogether
- D. Conduct thorough testing in a sandbox environment

Answer: D (LEAVE A REPLY)

Conducting thorough testing in a sandbox environment helps ensure minimal disruption to ongoing operations during software integration.

NEW QUESTION: 86

What command would you use to configure a port as an access port in Aruba switch?

- A. vlan access XX
- B. interface XX
- C. switchport access vlan XX
- D. access-port XX

Answer: C (LEAVE A REPLY)

The "switchport access vlan XX" command is used to configure a port as an access port in Aruba switch.

NEW QUESTION: 87

Which diagnostic tool can be used to analyze log files and events generated by the operating system and applications?

- A. cat
- B. tail
- C. grep
- D. Event Viewer

Answer: (SHOW ANSWER)

Event Viewer in Windows allows you to view and analyze logs generated by the operating system and applications for troubleshooting purposes.

NEW QUESTION: 88

Which component of a monitored environment is responsible for collecting, analyzing, and presenting data on network performance?

- A. Network switch
- B. Network server
- C. Network monitor
- D. Network cable

Answer: (SHOW ANSWER)

The network monitor is responsible for collecting, analyzing, and presenting data on network performance in a monitored environment.

NEW QUESTION: 89

When configuring a network solution, which protocol is commonly used for secure remote management of network devices?

- A. HTTPS
- B. SNMP
- C. Telnet
- D. SSH

Answer: D (LEAVE A REPLY)

SSH (Secure Shell) is a network protocol that allows for secure remote access and management of network devices.

NEW QUESTION: 90

In a monitored environment, which type of monitoring is used to measure the performance and availability of various components in real-time?

- A. Performance monitoring
- B. Log monitoring
- C. Network monitoring
- D. Application monitoring

Answer: A (LEAVE A REPLY)

Performance monitoring is used to measure and analyze the performance of various components in real-time to ensure optimal operation.

NEW QUESTION: 91

What role does risk assessment and mitigation play in the low-level design planning process?

- A. Ensuring compliance with industry standards
- B. Identifying potential threats and vulnerabilities
- C. Determining power and cooling requirements
- D. Analyzing network performance metrics

Answer: (SHOW ANSWER)

Risk assessment and mitigation help identify potential threats and vulnerabilities to the data center solution and develop strategies to address them.

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NEW QUESTION: 92

When planning the low-level design of a data center solution, why is it important to consider redundancy in network connectivity?

- A. To reduce hardware costs
- B. To simplify network troubleshooting procedures
- C. To ensure network availability in case of failures
- D. To improve network speed

Answer: C (LEAVE A REPLY)

Redundancy in network connectivity helps to ensure network availability in case of failures, reducing the risk of downtime and ensuring continuous operations.

NEW QUESTION: 93

What is the purpose of configuring Virtual Routing and Forwarding (VRF) on a network device?

- A. To increase the speed of data transmission
- B. To block specific types of traffic
- C. To monitor network performance
- D. To divide a physical network into multiple logical networks

Answer: D (LEAVE A REPLY)

The purpose of configuring Virtual Routing and Forwarding (VRF) on a network device is to divide a physical network into multiple logical networks.

NEW QUESTION: 94

When planning the low-level design of a data center network, what factors should be considered?

- A. Network traffic patterns
- B. Power and cooling requirements
- C. Physical layout
- D. Backup and disaster recovery solutions

Answer: C (LEAVE A REPLY)

Factors such as physical layout, power and cooling requirements, network traffic patterns, and backup and disaster recovery solutions should be considered when planning the low-level design of a data center network.

NEW QUESTION: 95

When configuring a data center solution, which protocol is commonly used for remote management of network devices?

- A. SNMP
- B. FTP
- C. Telnet
- D. SSH

Answer: (SHOW ANSWER)

SSH (Secure Shell) is commonly used for secure remote management of network devices.

NEW QUESTION: 96

How can proper cable management contribute to the maintenance and optimization of a data center?

- A. By using excessive amounts of cables

- B. By leaving cables unorganized and tangled
- C. By not considering cable management at all
- D. By improving airflow and reducing the risk of cable damage

Answer: D (LEAVE A REPLY)

Proper cable management can improve airflow, reduce the risk of cable damage, and contribute to the overall maintenance and optimization of a data center.

NEW QUESTION: 97

Which tool in Aruba Data Center can be used to analyze and troubleshoot access point performance and coverage issues?

- A. RFProtect
- B. Aruba Central
- C. NetEdit
- D. AirWave

Answer: D (LEAVE A REPLY)

AirWave is the tool in Aruba Data Center that can be used to analyze and troubleshoot access point performance and coverage issues.

NEW QUESTION: 98

If a server is experiencing high CPU utilization, which embedded diagnostic tool can be used to identify the processes consuming the most resources?

- A. Packet capture tool
- B. Top tool
- C. Show command
- D. Netstat tool

Answer: (SHOW ANSWER)

The Top tool displays a real-time view of system processes and resource utilization, making it useful for identifying high CPU usage.

NEW QUESTION: 99

What is an important consideration when physically installing hardware components for an Aruba Data Center solution?

- A. Stacking them on top of each other
- B. Ensuring proper ventilation
- C. Placing them in direct sunlight
- D. Mixing different hardware brands

Answer: B (LEAVE A REPLY)

Ensuring proper ventilation when physically installing hardware components for an Aruba Data Center solution is important to prevent overheating and hardware damage.

NEW QUESTION: 100

When designing a data center solution, which of the following factors is important to consider in terms of scalability?

- A. Number of physical servers
- B. Type of network cables used
- C. Ability to increase capacity as needed
- D. Redundancy of power supply

Answer: (SHOW ANSWER)

Scalability is the ability to increase capacity as needed, which is crucial for future growth and flexibility in a data center solution.

NEW QUESTION: 101

Which tool can provide diagnostic information about network interfaces, IP addresses, and routing tables on a Linux system?

- A. route
- B. netstat
- C. tcpdump
- D. ifconfig

Answer: D (LEAVE A REPLY)

The "ifconfig" command is used in Linux to display and configure network interfaces and IP addresses.

NEW QUESTION: 102

When maintaining and optimizing a data center solution, what is an important factor to consider for achieving high availability?

- A. Increasing network bandwidth
- B. Implementing a backup and disaster recovery plan
- C. Regularly updating firmware
- D. Reducing power consumption

Answer: B (LEAVE A REPLY)

Implementing a backup and disaster recovery plan is essential for maintaining high availability in a data center solution.

NEW QUESTION: 103

Which of the following is a common challenge faced during the integration of new hardware components into an existing data center?

- A. Compatibility with existing systems
- B. Lack of available space
- C. Excessive cooling capacity
- D. Low network latency

Answer: A (LEAVE A REPLY)

Compatibility with existing systems is a common challenge when integrating new hardware components into an existing data center.

NEW QUESTION: 104

When integrating Aruba solutions with third-party applications, which option allows for seamless communication between systems?

- A. SSH protocols
- B. SMTP emails
- C. SNMP traps
- D. REST APIs

Answer: (SHOW ANSWER)

REST APIs (Representational State Transfer Application Programming Interfaces) provide a standard way of communication between different systems and allow for seamless integration.

NEW QUESTION: 105

When planning the low-level design of a data center, what is the purpose of creating a detailed inventory of hardware components?

- A. To monitor software license usage
- B. To estimate power consumption
- C. To identify single points of failure
- D. To track warranty expiration dates

Answer: C (LEAVE A REPLY)

Creating a detailed inventory of hardware components helps identify single points of failure in the design of a data center.

NEW QUESTION: 106

Which of the following software-defined technologies can help simplify integration and management of data center resources?

- A. SDN (Software-Defined Networking)
- B. SDS (Software-Defined Storage)
- C. SDDC (Software-Defined Data Center)
- D. SD-WAN (Software-Defined Wide Area Network)

Answer: C (LEAVE A REPLY)

SDDC (Software-Defined Data Center) can help simplify integration and management of data center resources through automation and abstraction.

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NEW QUESTION: 107

Why is it important to regularly optimize data center resources?

- A. To reduce system performance
- B. To introduce unnecessary complexity
- C. To improve overall efficiency and reduce waste
- D. To increase operational costs

Answer: (SHOW ANSWER)

Regularly optimizing data center resources is important to improve overall efficiency and reduce waste.

NEW QUESTION: 108

In an integration project, which step is typically taken after mapping out the data flow between systems?

- A. Creating user documentation
- B. Configuring network security
- C. Testing the integration
- D. Writing code from scratch

Answer: C (LEAVE A REPLY)

After mapping out the data flow, the next step in an integration project is usually testing the integration to ensure smooth functionality.

NEW QUESTION: 109

What is the primary purpose of setting up monitoring thresholds in a data center environment?

- A. Tracking inventory
- B. Managing software updates
- C. Alerting on abnormal behavior
- D. Assigning user permissions

Answer: (SHOW ANSWER)

Monitoring thresholds help alert administrators when performance metrics exceed predetermined levels, indicating potential issues.

NEW QUESTION: 110

Which factor should be taken into account when planning the low-level design for a data center?

- A. Software compatibility

- B. Availability of training resources
- C. Network topology
- D. Manufacturer's warranty

Answer: C (LEAVE A REPLY)

Network topology is a crucial factor to consider when planning the low-level design as it determines how devices are interconnected and communicate.

NEW QUESTION: 111

When integrating monitoring tools into a data center environment, what is the primary goal?

- A. Improve server processing speed
- B. Increase energy consumption
- C. Monitor and optimize performance
- D. Reduce network bandwidth

Answer: C (LEAVE A REPLY)

The primary goal of integrating monitoring tools is to monitor and optimize the performance of the data center environment.

NEW QUESTION: 112

What is the first step in the installation process of the Aruba data center solution?

- A. Configuring the network settings
- B. Installing the operating system
- C. Running system diagnostics
- D. Powering on the servers

Answer: B (LEAVE A REPLY)

The first step in the installation process is to install the operating system.

NEW QUESTION: 113

What is a key aspect of maintaining a high level of uptime in a data center?

- A. Implementing redundant power and cooling systems
- B. Regularly scheduling downtime for maintenance
- C. Ignoring potential hardware failures
- D. Not monitoring system performance

Answer: A (LEAVE A REPLY)

Implementing redundant power and cooling systems can help ensure continuous uptime in a data center by preventing power outages and cooling failures.

NEW QUESTION: 114

Which of the following is a tool commonly used for collecting, processing, and visualizing monitoring data in real-time?

- A. Kubernetes

- B. Elasticsearch
- C. Docker
- D. Prometheus

Answer: (SHOW ANSWER)

Prometheus is an open-source tool used for collecting and processing monitoring data in real-time, providing valuable insights into system performance.

NEW QUESTION: 115

When it comes to maintaining and optimizing a data center, why is it important to conduct regular performance testing?

- A. To make assumptions without testing
- B. To ignore potential issues
- C. To never track performance statistics
- D. To identify performance bottlenecks and areas for improvement

Answer: D (LEAVE A REPLY)

Regular performance testing helps identify performance bottlenecks and areas for improvement, allowing for optimization and maintenance in a data center.

NEW QUESTION: 116

In low-level design planning, why is it important to consider scalability requirements for a data center network?

- A. To maintain a secure network
- B. To ensure compatibility with legacy systems
- C. To accommodate future growth
- D. To limit future expansion

Answer: (SHOW ANSWER)

Considering scalability requirements is important in low-level design planning to accommodate future growth and avoid limitations.

NEW QUESTION: 117

Which of the following devices is commonly used for connecting different network segments and filtering network traffic?

- A. Router
- B. Hub
- C. Access Point
- D. Modem

Answer: A (LEAVE A REPLY)

Routers are commonly used for connecting different network segments and filtering network traffic.

NEW QUESTION: 118

When diagnosing issues using embedded diagnostic tools in a data center, which tool is specifically designed to monitor and analyze wireless network performance?

- A. Aruba Network Analytics Engine
- B. Aruba ClearPass
- C. Aruba IntroSpect
- D. Aruba AirWave

Answer: D (LEAVE A REPLY)

Aruba AirWave is a diagnostic tool designed for monitoring and analyzing wireless network performance in a data center environment.

NEW QUESTION: 119

Which embedded diagnostic tool can help troubleshoot performance issues related to DNS lookups on an Aruba Data Center Network?

- A. Trace route tool
- B. Show dns command
- C. Packet capture tool
- D. Nslookup tool

Answer: D (LEAVE A REPLY)

The Nslookup tool can help troubleshoot performance issues related to DNS lookups by querying DNS servers and providing information about IP addresses associated with domain names.

NEW QUESTION: 120

When planning the low-level design of a data center, which factor should not be overlooked in terms of security?

- A. Coffee machine location
- B. Data encryption
- C. Backups
- D. Access control

Answer: (SHOW ANSWER)

In the low-level design planning, ensuring proper backup strategies are in place is crucial for data protection and disaster recovery purposes.

NEW QUESTION: 121

Which technology is commonly used for real-time integration and messaging between systems?

- A. DNS
- B. FTP
- C. MQTT
- D. POP3

Answer: (SHOW ANSWER)

MQTT (Message Queuing Telemetry Transport) is a lightweight messaging protocol commonly used for real-time integration between systems.

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NEW QUESTION: 122

What is the purpose of NAT in a network configuration?

- A. To control access to network resources
- B. To allocate bandwidth to different devices
- C. To translate private IP addresses to public IP addresses
- D. To monitor network traffic

Answer: C (LEAVE A REPLY)

NAT (Network Address Translation) is used to translate private IP addresses to public IP addresses in a network.

NEW QUESTION: 123

When diagnosing issues, what tool can be used to capture and analyze packets transmitted over a network?

- A. Traceroute
- B. Performance monitoring
- C. Packet sniffing
- D. System logs

Answer: C (LEAVE A REPLY)

Packet sniffing tools capture and analyze packets transmitted over a network to diagnose network performance issues.

NEW QUESTION: 124

Which of the following is a best practice for optimizing network performance in a data center?

- A. Implementing Quality of Service (QoS)
- B. Overprovisioning resources
- C. Ignoring network monitoring
- D. Using outdated firmware

Answer: A (LEAVE A REPLY)

Implementing Quality of Service (QoS) is a best practice for optimizing network performance by prioritizing certain types of traffic over others.

NEW QUESTION: 125

What is an important aspect to consider when optimizing a data center solution for performance?

- A. Decreasing security measures
- B. Ignoring system alerts
- C. Monitoring and adjusting resource allocation
- D. Reducing network redundancy

Answer: C (LEAVE A REPLY)

Monitoring and adjusting resource allocation is crucial for optimizing a data center solution to ensure peak performance.

NEW QUESTION: 126

When configuring a server for load balancing, which algorithm is used to distribute traffic based on server load?

- A. Least connections
- B. Source IP
- C. Weighted Round Robin
- D. Round-robin

Answer: (SHOW ANSWER)

The Least Connections algorithm distributes traffic based on the server with the fewest active connections.

NEW QUESTION: 127

Which networking device is used to segment a local area network (LAN) into multiple logical networks?

- A. Hub
- B. Switch
- C. Router
- D. Repeater

Answer: C (LEAVE A REPLY)

A router is used to segment a LAN into multiple logical networks.

NEW QUESTION: 128

What is the purpose of running pre-installation checks before starting the installation process of the Aruba data center solution?

- A. Testing system scalability
- B. Identifying system requirements
- C. Validating network configurations

D. Verifying hardware compatibility

Answer: (SHOW ANSWER)

Running pre-installation checks helps in verifying hardware compatibility before starting the installation process.

NEW QUESTION: 129

Which feature in Aruba monitoring tools allows for the visualization of network topology and device location?

- A. Heatmaps
- B. Smart Rate
- C. Capacity Planner
- D. Network Insight

Answer: D (LEAVE A REPLY)

The Network Insight feature in Aruba monitoring tools provides a visual representation of network topology and device location.

NEW QUESTION: 130

What is a common way to identify and address performance bottlenecks in a data center environment?

- A. Deploying additional resources without analysis
- B. Ignoring user complaints
- C. Conducting regular performance tests
- D. Focusing only on hardware upgrades

Answer: C (LEAVE A REPLY)

Conducting regular performance tests is a common way to identify and address performance bottlenecks in a data center environment.

NEW QUESTION: 131

Which feature of Aruba switches allows you to group multiple physical interfaces into a single logical interface?

- A. VLAN
- B. Trunking
- C. LACP
- D. Port mirroring

Answer: (SHOW ANSWER)

Link Aggregation Control Protocol (LACP) allows you to group multiple physical interfaces into a single logical interface on Aruba switches.

NEW QUESTION: 132

Which embedded diagnostic tool in the Aruba environment can provide real-time monitoring and analytics of network traffic and performance?

- A. Aruba Central
- B. Aruba AirWave
- C. Aruba ClearPass
- D. Aruba NetEdit

Answer: A (LEAVE A REPLY)

Aruba Central provides real-time monitoring and analytics of network traffic and performance in the Aruba environment.

NEW QUESTION: 133

When configuring server virtualization in a data center solution, which technology allows multiple virtual machines to share physical resources?

- A. Hypervisor
- B. Kernel-based Virtual Machine (KVM)
- C. XenServer
- D. VMware vSphere

Answer: A (LEAVE A REPLY)

Hypervisor technology allows multiple virtual machines to share physical resources in a data center solution.

NEW QUESTION: 134

In a monitored environment, which of the following is a common metric used to measure the responsiveness of a system or application?

- A. CPU utilization
- B. Memory usage
- C. Disk space
- D. Response time

Answer: D (LEAVE A REPLY)

Response time is a key metric used to measure the responsiveness of a system or application in a monitored environment.

NEW QUESTION: 135

When configuring Static Routing on a network device, what information is required?

- A. SSH login credentials
- B. Destination IP address and subnet mask
- C. MAC address of the neighboring device
- D. Reliable Transport Protocol (RTP) port number

Answer: B (LEAVE A REPLY)

When configuring Static Routing on a network device, the destination IP address and subnet mask are required.

NEW QUESTION: 136

When integrating different data center components, which of the following is important to ensure seamless communication and functionality?

- A. Redundancy
- B. Virtualization
- C. Standardization
- D. Isolation

Answer: (SHOW ANSWER)

Standardization is important when integrating different data center components to ensure seamless communication and functionality.

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NEW QUESTION: 137

Which of the following network protocols can be configured on a router to provide secure remote access for users connecting to the data center network?

- A. SSH
- B. FTP
- C. RDP
- D. SNMP

Answer: (SHOW ANSWER)

SSH (Secure Shell) can be configured on routers to provide secure remote access for users connecting to the data center network.

NEW QUESTION: 138

When planning the low-level design of a data center solution, which of the following factors should be considered?

- A. Network bandwidth requirements
- B. Server rack color
- C. Outdoor temperature trends
- D. Employee lunch preferences

Answer: A (LEAVE A REPLY)

Network bandwidth requirements are essential to consider when planning the low-level design of a data center solution.

NEW QUESTION: 139

Which of the following is typically included in the installation documentation for an Aruba Data Center solution?

- A. Blank pages
- B. Step-by-step instructions
- C. Shopping list
- D. Sudoku puzzle

Answer: (SHOW ANSWER)

Installation documentation for an Aruba Data Center solution typically includes step-by-step instructions to guide users through the installation process.

NEW QUESTION: 140

What is the primary goal of integration in a data center environment?

- A. Decrease data sharing
- B. Improve system efficiency
- C. Encourage system fragmentation
- D. Increase hardware complexity

Answer: B (LEAVE A REPLY)

The primary goal of integration in a data center environment is to improve system efficiency.

NEW QUESTION: 141

Which of the following is a benefit of integrating Aruba solutions with business intelligence tools?

- A. Hardware maintenance
- B. Real-time monitoring
- C. Enhanced data visualization
- D. Email filtering

Answer: (SHOW ANSWER)

Integrating with business intelligence tools allows for enhanced data visualization, which can provide valuable insights for decision-making.

NEW QUESTION: 142

When configuring storage virtualization in a data center solution, which technology separates logical storage from physical storage devices?

- A. Storage Virtualization
- B. RAID (Redundant Array of Independent Disks)
- C. Storage Area Network (SAN)
- D. Network-Attached Storage (NAS)

Answer: (SHOW ANSWER)

Storage virtualization technology separates logical storage from physical storage devices in a data center solution.

NEW QUESTION: 143

Which of the following steps is typically included in the planning phase of the low-level design for a data center solution?

- A. Defining disaster recovery procedures
- B. Testing network performance
- C. Conducting a risk assessment
- D. Documenting hardware inventory

Answer: C (LEAVE A REPLY)

Conducting a risk assessment is a common step in the planning phase of the low-level design for a data center solution to identify potential risks and vulnerabilities.

NEW QUESTION: 144

Which tool can be used to diagnose issues in an Aruba data center environment?

- A. Aruba Central
- B. Aruba CX Insight
- C. Aruba AirWave
- D. Aruba NetEdit

Answer: B (LEAVE A REPLY)

Aruba CX Insight is an embedded diagnostic tool that allows for troubleshooting and diagnosing issues in an Aruba data center environment.

NEW QUESTION: 145

What role does automation play in the integration process in a data center?

- A. It eliminates the need for human intervention
- B. It streamlines and accelerates the integration of different components
- C. It increases the risk of errors
- D. It slows down the integration process

Answer: B (LEAVE A REPLY)

Automation plays a crucial role in streamlining and accelerating the integration of different hardware and software components in a data center.

NEW QUESTION: 146

When diagnosing issues using embedded diagnostic tools, what tool can be used to analyze network traffic and identify potential bottlenecks?

- A. Performance monitoring
- B. Traceroute
- C. System logs
- D. Packet sniffing

Answer: (SHOW ANSWER)

Packet sniffing allows you to capture and analyze network traffic to pinpoint potential bottlenecks in the system.

NEW QUESTION: 147

When integrating two systems using API calls, what data format is commonly used for transmitting data?

- A. XML
- B. CSV
- C. YAML
- D. JSON

Answer: (SHOW ANSWER)

JSON (JavaScript Object Notation) is a commonly used data format for transmitting information between systems.

NEW QUESTION: 148

Which of the following is a commonly used protocol for securely transferring files over a network?

- A. RDP
- B. Telnet
- C. SSH
- D. FTP

Answer: C (LEAVE A REPLY)

SSH (Secure Shell) is a protocol used for secure file transfer and remote access.

NEW QUESTION: 149

Which of the following integration strategies involves connecting legacy systems with newer technologies to ensure compatibility and seamless operation?

- A. Big bang approach
- B. Rehosting
- C. Technology refresh
- D. Parallel adoption

Answer: D (LEAVE A REPLY)

Parallel adoption is an integration strategy that involves connecting legacy systems with newer technologies to ensure compatibility and seamless operation.

NEW QUESTION: 150

What tool can be used to monitor the performance and health of network devices in real-time?

- A. NetFlow
- B. SNMP

C. OSPF

D. VLAN

Answer: B (LEAVE A REPLY)

SNMP (Simple Network Management Protocol) is a protocol used for monitoring and managing network devices.

NEW QUESTION: 151

What type of monitoring tool is typically used to track key performance indicators (KPIs) and generate reports for management?

A. Application monitoring

B. Network monitoring

C. Performance monitoring

D. Security monitoring

Answer: C (LEAVE A REPLY)

Performance monitoring tools track KPIs related to system performance and generate reports that can help management make informed decisions.

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