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DEA-64T1

Associate - Converged Systems and Hybrid Cloud Exam

Version 1.0

Exam A

QUESTION 1

Which Dell EMC product provides storage management and visibility to multi-vendor storage arrays in virtualized and cloud environments?

A. VMware SRM
B. ViPR Controller
C. ViPR SRM
D. VMware Storage vMotion

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/techpubs/vipr/intro_to_vipr_srm-1.htm

QUESTION 2 What actions together let organizations shift from "keeping the lights on" to revenue-generating activities?

A. Transforming and Automating
B. Strategizing and Modernizing
C. Modernizing and Automating
D. Transforming and Strategizing

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/brochure/dellemc-forbes-it-transformation-on-cio-cfo-collaboration.pdf

QUESTION 3 Which product provides storage for a VxBlock?

A. Dell EMC VMAX
B. Cisco UCS
C. Cisco Nexus
D. VMware vSphere

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://shop.dellemc.com/en-us/VxBlock-and-Vblock-Products/Dell-EMC-VxBlock-System-1000/p/Dell-EMC-VxBlock-System-1000

QUESTION 4
An organization wants to jumpstart their path to Digital Transformation through IT Transformation. What are the three activities included in IT Transformation?

A. Modernize, Capitalize, and Organize
B. Automate, Virtualize, and Transform
C. Transform, Automate, and Modernize
D. Digitize, Automate, and Transform

Correct Answer: C

Explanation
Explanation/Reference:
Reference: https://www.cio.com/article/3182716/analytics/why-transformation-matters-now-more-than-ever.html

QUESTION 5 What is the most common obstacle businesses encounter as they pursue Digital
Transformation?

A. Lack of budget and resources
B. Data privacy and security concerns
C. Lack of executive support
D. Inadequate expertise and skills

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
A systems administrator is deploying a new Dell EMC Hyper-Converged Infrastructure appliance. The appliance is ideally suited for remote office and back office operations (ROBO).

Which VxRail appliance model is it?

A. P Series
B. G Series
C. E Series
D. V Series

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.optiodata.com/documents/optio/datasheets/dell-emc-vxrail-appliance-techbook.pdf

QUESTION 7 VxBlock systems require what
type of storage?

A. Block level storage only
B. File and block level storage
C. File level storage only
D. Flash storage

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/data-sheet/vxblock-product-overview.pdf

QUESTION 8 Which security concept focuses on minimizing the number of security breach points on
the platform?

A. Vulnerability Management
B. Security Event Management
C. Threat Management

D. Identity Access Management
Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9 Which Dell EMC Hyper-Converged Infrastructure solution includes the functionality to expand on demand to public cloud storage?

A. VxRail
B. VxRack FLEX
C. VxBlock
D. VxRack SDDC

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/white-paper/h15602-dell-emc-data-protection-vxrail.pdf

QUESTION 10 What is typically deployed using an IaaS environment?

A. Traditional and cloud-native services
B. Cloud-native services and middleware
C. Middleware and microservices
D. Middleware and traditional applications

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11 Which platform architecture can only be accessed from inside an organization?

A. Platform 1
B. Platform 2
C. Platform 2.5
D. Platform 3

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12 Which is the network element manager of Dell EMC Converged Infrastructure?

A. Cisco Nexus Operating System
B. Dell EMC Vision Intelligent Operations Software

C. Cisco UCS Manager D. Dell EMC Unisphere

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
A company desires to standardize its IT platform architecture to reduce maintenance and operational costs. Which actions should they take once they have virtualized their Platform 2 applications?

A. Move applications to a disaster recovery site B. Move
applications to container dedicated technology
C. Move applications to a larger data center footprint.
D. Move applications to a converged infrastructure.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
What ability can a business obtain when using a microservices-oriented architecture to develop cloud-native applications?

A. Upgrade applications without regression testing
B. Produces resilient monolithic applications
C. Implement automated development processes
D. Quickly collect data for business analytics

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15 What are components of identity access management in Pivotal
Cloud Foundry?

A. Application security groups and firewalls
B. Tokens and SSO
C. Releases and stemcells
D. Event logging and monitoring

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16
A successful Digital Transformation of a business meets which user demands?
A. High quality of services, low cost, and personalization
B. Low response times, a secure environment, and single vendor support

C. Cross-device compatibility, a secure environment, and on-demand self-service
D. Personalization, a secure environment, and on-demand self-service

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17 Which Dell EMC Hyper-Converged Infrastructure solution provides a foundation for IaaS and supports multiple
hypervisors?

A. VxRail
B. VxRack FLEX
C. VxRack SDDC
D. VxBlock

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/vxrack-1000-overview.pdf

QUESTION 18
An IT organization would like to transform their datacenter into a similar footprint using their existing infrastructure. Which type of technology is needed?

A. Virtualization
B. Public Cloud
C. Hyper-Converged
D. Converged

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.parallels.com/blogs/ras/converged-infrastructure/

QUESTION 19 What is a benefit of server
virtualization?

A. Enhanced compute efficiency
B. Applications deployed in weeks and months
C. Operating systems updated automatically
D. Enhanced data availability

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/software/white-papers/h8135-it-journey-server-virtualization-wp.pdf (14)

QUESTION 20
Which Dell EMC Hyper-Converged system provides a VMware private cloud solution, enabling IaaS and Paas?

A. VxRack SDDC
B. VxRail
C. VxRack FLEX
D. VxBlock

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.vmware.com/partners/global-alliances/dellemc.html

QUESTION 21 What is a goal of IT
transformation?

A. Managing security risks involved with mobile data.
B. Empowering the workforce to take advantage of opportunities that improve collaboration and productivity
C. Managing Big Data projects to provide analytics that help drive organizational growth
D. Spending more time on strategic value-adding initiatives
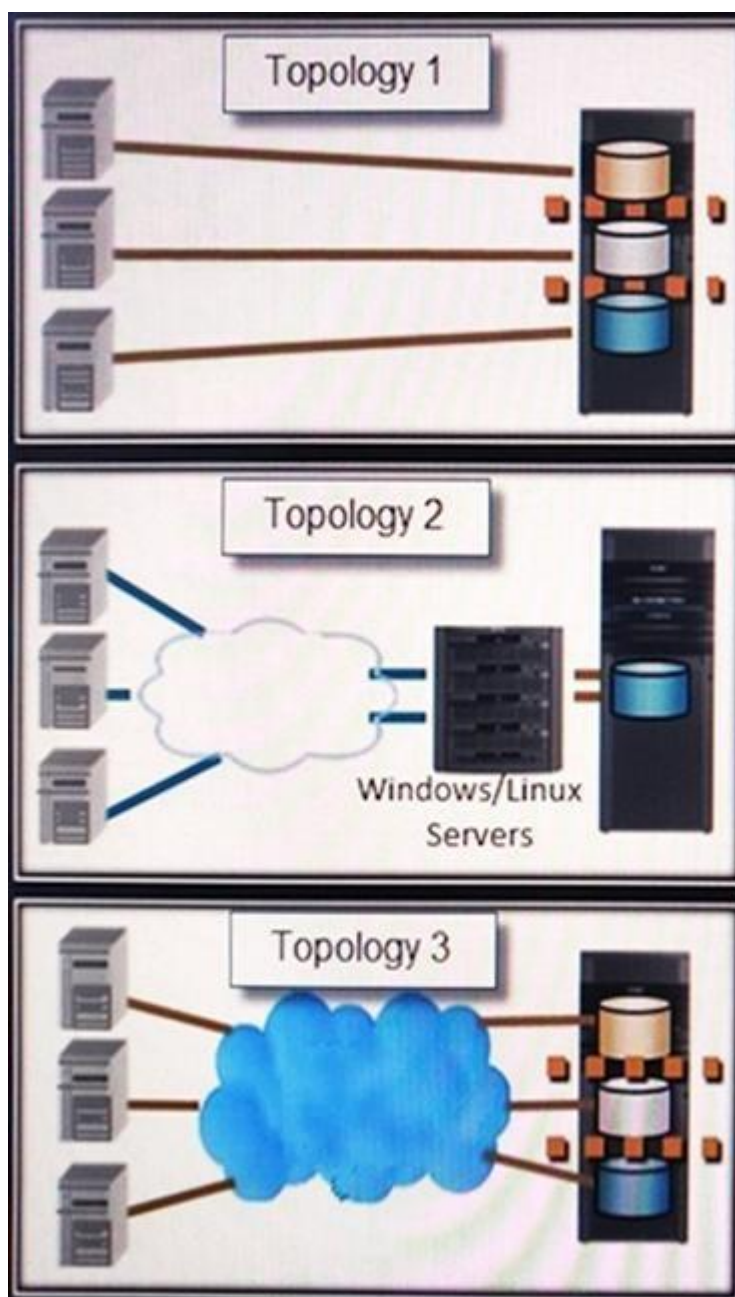
Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Refer to the exhibit.

Topology 1

Topology 2

Windows/Linux Servers

Topology 3

On which storage access topology would a switched Fibre Channel SAN be configured to transport block storage between edge compute and storage devices?

A. Topology 2 only
B. Topology 3 only
C. Topology 2 or Topology 3
D. Topology 1

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
What is a component of Dell EMC Hyper-Converged solutions?
A. Blade servers

B. Direct-attached storage
C. Unified switching
D. XtremIO Flash Storage

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24 Which Dell EMC product provides backup and recovery services in a
hybrid cloud?

A. RecoverPoint
B. Avamar
C. CloudLink SecureVM
D. VRP SRM

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.dellemc.com/resources/en-us/asset/data-sheets/products/data-protection/emc-avamar-virtual-edition-ds.pdf

QUESTION 25 Which Dell EMC Converged Infrastructure system includes
DAEs and a DPE?

A. VxBlock 500
B. VxBlock 700
C. VxRack FLEX
D. VxBlock 300

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26 What is the purpose of configuration
management?

A. Map infrastructure, applications, and services to their respective owners
B. Reduce failure times
C. Provide standards for managing issues, reactively or proactively
D. Control the lifecycle of all changed

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27

A company wants to expand its customer facing presence by providing an online storefront that is accessible from a wide variety of mobile devices. Their business is seasonal, with customer demand increasing dramatically during holiday seasons. Since they conduct financial transactions with their customers, security of their customer is a primary concern.

Which infrastructure model best meets the company's needs?

A. SaaS
B. Private cloud
C. Hybrid cloud
D. Public cloud

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28 What is an important role, seldom seen in traditional IT organizations, that is new in iTaaS?

A. Business Relationship Manager
B. Strategic Account Manager
C. Service Account Manager
D. Operations Managers

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
What feature of the Cisco UCS compute platform in a Dell EMC VxBlock system helps to provide application high availability?

A. Fabric Interconnects support the addition of expansion modules
B. Redundant components ensure there is no single point of failure
C. Each of the Fabric Extenders in a chassis connects to both Fabric Interconnects
D. Each blade server has a dedicated power supply

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30 What is a microservice?

A. Bite-sized service that performs a specific task
B. Methodology that automates the development process
C. Development framework that creates a time box around releasable features
D. Development framework that removes roadblocks among developers, QA, and IT

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 What manages individual technology components of Dell EMC Converged Infrastructure?

A. Element Manager
B. Data Manager
C. Replication Manager
D. System Level Manager

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwjqpMewuNvfAhXk6eAKHUpuCTEQFjAAegQIChAC&url=https%3A%2F%2Fcpsdocs.dellemc.com%2Fbundle%2FO_GLOSSARY%2Fpdf%2Fenus%2F1&usg=AOvVaw06S7e21weEN-BXYi1cemK5

QUESTION 32
A Dell EMC Converged Infrastructure system contains the following components:
▪ Segregated Network
▪ Dell EMC Unity Storage ▪
Cisco Compute

Which platform is it?

A. VxBlock 300
B. VxBlock 500
C. VxRack FLEX
D. VxBlock 700

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/technicaldocumentation/350-architecture-overview.pdf

QUESTION 33
Which infrastructure model allows a company to rapidly expand capacity while maintaining control of their data?

A. Public cloud
B. Hybrid cloud
C. Virtualized infrastructure
D. Private Cloud

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34 What makes software-defined architecture possible?

A. iTaaS

B. Hyper-convergence
C. SaaS
D. Virtualization

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35 What is a top barrier to IT Transformation adoption?

A. Requirement to use direct-attached storage arrays
B. Application development cycle disruption
C. Inflexible business organizational structure
D. Requirement to virtualize application servers

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36 What is one factor that differentiates a public cloud from a private cloud?

A. Applications and data are managed by the customer in a private cloud
B. Private cloud resources are owned and managed by a single entity
C. Firewall protection is not required in a private cloud
D. Private cloud resources must reside on the company's premises

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
A rapidly growing retail business is considering digital transformation. The first transformation target is a data center that hosts retail sales applications and the web services front-end. Although typically adequate, transaction response times increase to unacceptable levels during peak holiday buying seasons.

What is the key driver for transformation of the retail sales system workload?

A. Conversion from a siloed and inflexible IT infrastructure
B. More efficient data center operation and maintenance
C. Lowered operational and capital expenditures
D. Higher transactional I/O processing efficiency

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 38 Which type of transformation is outside the scope of Dell EMC's Digital Transformation strategy?

A. IT
B. Workforce
C. Virtual
D. Security

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.dellemc.com/content/dam/uwaem/production-design-assets/en/microsites/dellemcworld/virtual/assets/intel/intel-intel_offers.pdf

QUESTION 39 Which Dell EMC Converged Infrastructure system is designed for the mid-market segment?

A. VxRail
B. VxBlock 300C. VxBlock 700
D. VxBlock 500

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation:
The new VxRail Appliances 4.5 deliver a number of new features designed for enterprise-class customers with optional integration with Dell EMC PowerEdge 14th generation servers. Historically, VxRail had been focused on mid-market customers, but as the use cases for HCI have expanded to include applications such as CRM, databases and others that are used to run businesses, the appeal has expanded to enterprise-class customers.
Reference: https://www.networkworld.com/article/3196118/hardware/dell-emc-updates-hci-line-to-address-changing-market-requirements.html

QUESTION 40
What is one factor that differentiates Dell EMC Converged Infrastructure (CI) from Dell EMC Hyper-Converged Infrastructure (HCI)?

A. HCI uses software-defined storage architecture
B. CI uses all-Flash storage devices
C. HCI does not include physical switches
D. CI allows for greater scalability

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41 Which method has been used by some media companies to build market share in the media industry?

A. Incorporated personalized advertising at the onset of the product launch.
B. Hired talent outside of the usual pool to develop potential viral content.
C. Crowdsourced content instead of building their own.
D. Created a subscription-based model that appealed to a specific target audience.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42 What is a benefit of deploying virtual pools (compute, network and storage resources) over physical resources?

A. Improved business processes
B. Reduced IT capital expenditures
C. Reduced corporate network maintenance costs
D. Improved storage network performance

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 43
A systems administrator wants to deploy a turnkey VMware-based private cloud solution. Which Hyper-Converged Infrastructure system from Dell EMC provides this capability?

A. VxRack FLEX
B. VxRack SDDC
C. VxRail G Series
D. VxRail P Series

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.dellemc.com/sr-me/converged-infrastructure/vxrack-system/vxrack-sddc.htm

QUESTION 44 How do end users interact with Dell EMC converged or hyper-converged systems?

A. Using the built-in service processor
B. Through a computer connected to the same network
C. Through SNMP
D. Directly with the server computers

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45 What is the underlying architecture of Dell EMC Hyper-Converged infrastructure?

A. Hardware-defined
B. Service-oriented
C. Software-defined
D. Scale-out
Correct Answer: C
Section: (none)
Explanation

QUESTION   46   IaaS
abstracts which layer?

A. Storage
B. Applications
C. Security
D. Application Framework

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.computerworld.com/article/2469883/cloud-computing/the-three-layers-of-cloud-computing.html

QUESTION 47 What is a benefit of using server
virtualization?

A. Reduced utilization of physical servers
B. Reduced storage costs
C. Reduced application development effort
D. Reduced power and cooling requirements

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48 How did competitors in the ridesharing market segment disrupt the
traditional industry?

A. Leveraged traditional media to target millennials
B. Created new technologies to forecast ridesharing demandsC. Employed mobile technology to connect drivers and consumers.
D. Purchased hybrid vehicles for their fleet.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49 What is a goal of the workforce transformation aspect of Digital
Transformation?

A. Modernize end-user mobile technology
B. Free operations resources for strategic planning
C. Develop expertise and skills
D. Redeploy IT staff to create a new infrastructure

Correct Answer: C
Section: (none)
Explanation

QUESTION 50 What is the minimum number of pairs of Fabric Interconnects in a
VxBlock System?

A. 1
B. 2
C. 3
D. 4

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/technicaldocumentation/540-architecture-overview.pdf

QUESTION 51
Which application platform architecture provides client-server technology to run applications such as ERP?

A. Platform 1
B. Platform 2
C. Platform 2.5
D. Platform 3

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 52
A regional bank is considering transforming their standard applications development practice to a DevOps model to better complete with larger banks. A Dell EMC VxBlock-based solution has been proposed, a budget allocated, and legacy transition planning has been approved. However, management concerns have recently delayed the project.

What is a valid source of management concerns about the proposed solution?

A. Requires application programming and IT operations integration
B. Requires updates to operations personnel skills.
C. Requires revised network security policies
D. Requires revised online banking services SLAs

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53
What would cause an IT organization to pursue digital disruption?

A. Currently having a flexible organization structure
B. Experiencing stable operational costs
C. Experiencing increasing resource maintenance costs
D. Maintaining current vendor relationships being a priority

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54 What is an example of an IaaS
service model?

A. Google Apps
B. Amazon EC2
C. Hybrid cloud
D. Pivotal Cloud Foundry

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://stackoverflow.com/questions/16820336/what-is-saas-paas-and-iaas-with-examples

QUESTION 55 What physical resource is divided up by compute resource virtualization to create
virtual resources?

A. SAAS controller
B. RAM
C. ROM
D. PCI bus

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 56 Within the software development supply chain, what is a responsibility
of a developer?

A. Maintain application performance
B. Manage system access and events
C. Deploy development platform
D. Manage control of infrastructure and platform

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 57 Which disk technologies are supported in Dell EMC
VxBlock systems?

A. Fibre Channel, SATA, and CIFS
B. Fibre Channel, SATA, and SAS
C. JBOD, SAS, and CIFS
D. JBOD, SATA, and iSCSI

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58 What are benefits of network
virtualization?

A. Improved storage efficiency and simplified data protection.
B. Support for collaboration and automation of tasks
C. Enhanced network security and improved network performance
D. Enabling of over-provisioning and improved cost-efficiency

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.sdxcentral.com/sdn/network-virtualization/definitions/nv-in-the-data-center/

QUESTION 59 VxBlock compute servers use which storage access topology to boot the
operating system?

A. NAS
B. iSCSI SAN
C. LAN
D. FC SAN

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.emc.com/collateral/technicaldocumentation/vxblock-1000-architecture-overview.pdf

QUESTION 60 What is a characteristic of Cisco UCS
Blade servers?

A. Dedicated power cords and networks cables are required
B. No dedicated power cords or network cables are needed
C. Requires a serial connection
D. Contain redundant power supplies

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:

QUESTION 61
A software development company wants to refresh their existing infrastructure. One of their goals is to enable faster development times for their products. The development teams indicate that their biggest delays are caused by having to wait for the infrastructure teams to provision new VMs and networks for test environments.

Which Dell EMC platform would meet all of the company's requirements without the addition of optional components?

A. VxBlock 500

B. VxRack FLEX
C. VxRack SDDC
D. VxRail

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 62 Which EMC Hyper-Converged system has an architecture based on modular building blocks, enabling deployments to be scaled linearly from 1 to 32 appliances using customer network switches?

A. VxRack SDDC
B. VxRack FLEX
C. Vision Intelligent System
D. VxRail

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.optiodata.com/documents/optio/datasheets/dell-emc-vxrail-appliance-techbook.pdf

QUESTION 63 Many of the benefits of Digital and IT Transformation originated from which IT model?

A. ITaaS
B. IaaS
C. Cloud Computing
D. PaaS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64 What are components of the Dell EMC VxRail system?

A. VMware vSphere, VMware SDDC Manager, and Dell EMC VxRail Manager
B. VMware NSX, VMware VSAN, and VMware SDDC Manager
C. VMware vSphere, VMware VSAN, and Dell EMC VxRail Manager
D. VMware vSphere, VMware VSAN, and Dell EMC ScaleIO

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://wuchikin.wordpress.com/2017/03/17/emc-vxrail-overview/

QUESTION 65
A growing organization's IT department is tasked with working directly with business units to plan and deploy IT resources that drive competitive advantage. This added responsibility must be accomplished with the existing IT staff.

What is an aspect of Digital Transformation that increases IT staff operations efficiency, enabling them to more easily assume this added role?

A. Transform
B. Adapt
C. Automate
D. Modernize

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66 What are key focal
areas of iTaaS?

A. Operational efficiency, rapid response, and infrastructure
B. Business outcomes, operational efficiency, and competitiveness
C. Business requirements, competitiveness, and cost-center implementation
D. Rapid response, infrastructure, and business requirements

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: