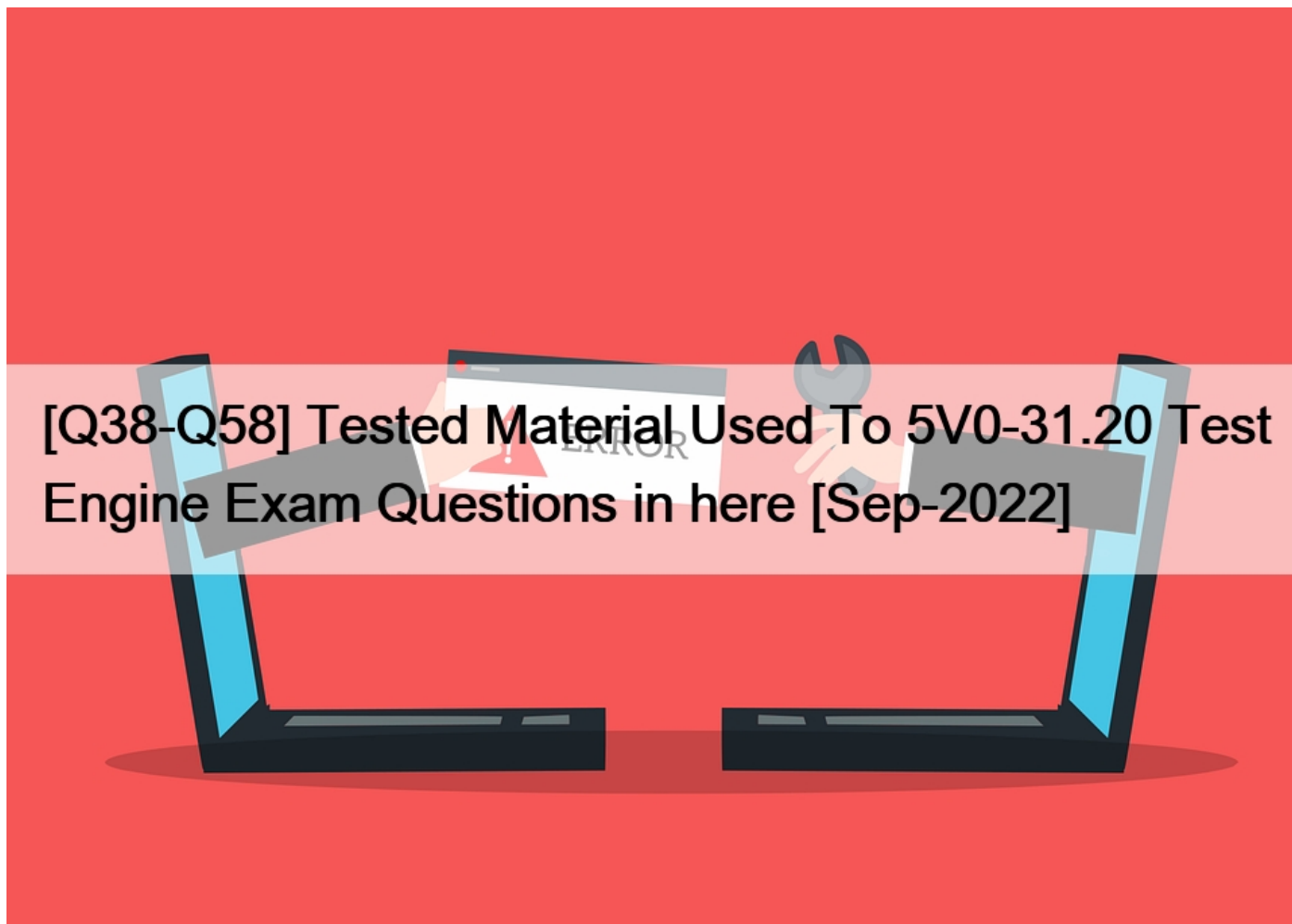


[Q38-Q58 Tested Material Used To 5V0-31.20 Test Engine Exam Questions in here [Sep-2022]



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VMware 5V0-31.20 Exam Syllabus Topics:

TopicDetailsTopic 1- Given a scenario, identify the deployment of the NSX edge cluster with SDDC Manager- Identify how to plan network pools for consumption by workload domainsTopic 2- Identify how to configure network pools for different storage types- Identify the minimum requirements to deploy the VMware Cloud FoundationTopic 3- Identify requirements for automated vRealize Suite deployment- Identify sizing tools that are available for domain sizingTopic 4- Given a deployment scenario, identify the host imaging method that should be used- Identify multi-insane federation configure maximumsTopic 5- Given a VMware Cloud Foundation deployment scenario, identify the constraints- Identify the differences between VMware Cloud Foundation standard and consolidated architectureTopic 6- Identify th steps to create, scale, and delete workload domains- Identify use cases that are appropriate for stretched clustersTopic 7- Identify the characteristics of the pre-defined roles in VMware Cloud Foundation- Identify the components of the VMware Cloud Foundation bring-up processTopic 8- Identify physical requirements for successful VMware Cloud Foundation deployment- Identify use cases for using Cloud Foundation multi-instance federationTopic 9- Identify characteristics of the hierarchical

10 network underlay design for VMware Cloud Foundation- Identify VMware Cloud Foundation principle storage options
- Given a use case, identify the design implications with the design decisions- Identify how VMware Cloud Foundation automates the deployment of components

NO.38 Where can NSX T be used in VMware Cloud Foundation?

- * in an external cluster
- * Only with consolidated architectures
- * In all architectures
- * Only with standard architectures

NO.39 A system administrator is creating an NSX-T Edge cluster with two-tier routing to the workload domain. The administrator select Workload Management as a use case which requires Large Edge Form Factor.

What are the hardware specifications of an NSX Edge Large appliance?

- * 64 GB memory, 8 vCPU, and 700 GB disk space
- * 64 GB memory, 16 vCPU, and 250 GB disk space
- * 32 GB memory, 8 vCPU, and 200 GB disk space
- * 32 GB memory, 16 vCPU, and 250 GB disk space

NO.40 Which two host network types may have IP address assigned by VMware Cloud Foundation? (Choose two.)

- * VMKernel
- * VSAN
- * vMotion
- * iSCSI
- * Replication

NO.41 An administrator has been tasked with increasing the available capacity within an existing Cloud Foundation deployment to support the deployment of a production Workload Management cluster.

The VMware Cloud Foundation environment consists of a single workload called Production. The Production workload domain consists of a single vSAN Cluster called Production-01 that existing Virtual Machines. During the original deployment, even through automated firmware updates were not required, the Production workload domain was configured to use vSphere Lifecycle Images to automate its ongoing lifecycle management.

Four new hosts have been commissioned in SDDC Manager to support Workload Management. The new hosts are identically configured to the hosts that are currently deployed into the Production-01 cluster.

Which process must the administrator complete to enable Workload Management?

- * Create a new vSAN Cluster within a new vSphere Lifecycle Manager Image-based workload domain.
- * Create a new vSAN Cluster within a new vSphere Lifecycle Manager Baseline-based workload domain.
- * Extend the Production-01 vSAN cluster with the additional four hosts.
- * Create a new vSAN Cluster within the Production workload domain

NO.42 An administrator has been tasked with updating license keys in a VMware Cloud Foundation environment. These licenses include:

- * VMware vSphere

- * VMware vSAN
- * VMware vCenter Server
- * VMware NSX-T Data Center

Where must an administrator go in order to update the specified license keys?

- * SDDC Manager > Administration > Licensing
- * SDDC Manager > Inventory
- * VMware vCenter > Administration > Licensing
- * VMware vRealize Suite Lifecycle Manager > Locker

NO.43 What is the minimum required number of hosts when deploying the VMware Cloud Foundation Management Domain?

- * 6
- * 5
- * 4
- * 3

NO.44 An administrator is tasked with deploying a new workload domain into an existing VMware Cloud Foundation environment. Which two storage types are supported? (Choose two.)

- * NFS v2
- * VMFS on iSCSI
- * vSAN
- * SMB3.0
- * VMFS on FC

NO.45 Which set of options is acceptable for vSAN Failures to Tolerable (FTT) policy when creating a VI Workload Domain from UI?

- * FTT=0, 1, or 2
- * FTT=0, 1,2, or 3
- * FTT=0, 1,5,or 6
- * FTT= 1, 2, or 3

NO.46 An administrator has been tasked with enabling north/south routing and the consumption of additional network services by deploying an NSX Edge Cluster into a VMware Cloud Foundation deployment. The following information is available:

- * There is only one Workload Domain.
 - * The Workload domain contains two vSphere Clusters.
 - * One of the vSphere Clusters is a Stretched Cluster
 - * All hosts within the Workload Domain are identical.
 - * The physical network uses both the Border Gateway Protocol (BGP) and Bidirectional Forwarding Detection (BFD) protocol
- Which statement is true when considering the deployment of an NSX Edge Cluster in this situation?

Which statement is true when considering the deployment of an NSX Edge Cluster in this situation?

- * The NSX Edge cluster cannot be deployed onto the Stretched Cluster.
- * The Small form factor must be selected when deploying the NSX Edge cluster.

- * The Default profile type must be selected when deploying the NSX Edge cluster.
- * BDF must be selected when deploying the NSX Edge cluster.

NO.47 Which network type within SDDC Manager must be added to the Network Pool to support the deployment of a Workload Domain that will only use vSAN storage?

- * vMotion and NFS
- * vMotion only
- * vMotion, vSAN, and Management
- * vMotion and vSAN

NO.48 Which two statements are correct about VMware Cloud Foundation (VCF) license editions? (Choose two)

- * VCF Enterprise Edition has the capability to use Tanzu Kubernetes services on vSphere.
- * VCF Starter Edition allows stretching clusters across multiple availability zones.
- * All VCF license editions include automated deployment and lifecycle management of VCI components
- * VCF Advanced Edition allows large-scale migrations from old environments to VCF
- * All VCF license editions have the capability of automated deployment and lifecycle management of user workloads

NO.49 An administrator has been tasked with deploying a VMware Cloud Foundation Workload Domain Stretched Cluster that consists of eight (8) hosts. Four (4) hosts have been successfully deployed and commissioned in Availability Zone 1 (AZ1).

All other required prerequisites have been met. The administrator has started the procedure of stretching the VMware vSAN cluster by creating a new network pool in Availability Zone 2 (AZ2). What is the next step in the procedure?

- * Get the UID of the Cluster in AZ1 using the API Explorer
- * Stretch the VMware vSAN Cluster using the API.
- * Get the UIDs of the hosts in AZ1 using the API Explorer.
- * Commission the four (4) hosts within SDDC Manager

NO.50 What is the benefit of placing vRealize Suite Lifecycle Manager on the cross-region Application Virtual Network?

- * vRealize Suite Lifecycle Manager cannot be placed on the cross-region network as it is reserved for Workload VMs only.
- * SDDC Manager uses the cross-region network to deploy vRealize Log Insight and vRealize Automation Proxy Servers, and this is not configurable.
- * vRealize Suite Lifecycle Manager can be deployed in cluster mode
- * After a recovery, an administrator can continue using the same IP address, DNS record, and routing configuration

NO.51 An administrator must upgrade an existing ESXi cluster that is part of a VMware Cloud Foundation environment with a predefined image. Including firmware and vendor add-ons.

Which method should the administrator use to perform the upgrade?

- * vRealize Suite Lifecycle Manager
- * vSphere Update Manager
- * vSphere Lifecycle Manager
- * vCenter Lifecycle Manager

NO.52 Which two prerequisites are required to create vSphere with Tanzu namespace? (Choose two.)

- * The Primary Workload Network must be available
- * Verify that the administrator has the privilegeNamespaces.Manage label on the Supervisor Cluster
- * Kubernetes clusters and objects must have access to the company NTP and company DNS.
- * A local content library must be created and configured.
- * A cluster with vSphere with Tanzu must be configured.

NO.53 Which disk configuration is supported by VMware Cloud Builder and can be used for VMware vSAN in VMware Cloud foundation environment?

- * Two 600 GB HDD disks and four 2 TB SSD disks per server
- * Two 60X5 GB NVMe disks and four 2 TB SSD disks per server
- * Two 600 GB NVMe disks and five 2 TB SSD disks per server
- * Two 600 GB SSD disks and five 2 TB SSD disks per server

NO.54 A system administrator needs to perform an image based backup of SDDC Manager using VMware vSphere Storage APIs – Data Protection Which type of backup must be performed to reduce the backup time and storage cost?

- * Synthetic full
- * Mirror
- * Differential
- * Incremental

NO.55 SDDC Manager has been configured to use a Microsoft Certificate Authority. The administrator must replace certificates for the VI workload domain. What is the first step that must be taken to complete this task?

- * Delete the existing certificates.
- * Generate a Certificate Signing Request (CSR) for the VI workload domain in SDDC Manager.
- * Generate a Certificate Signing Request (CSR) from the Microsoft Certificate Authority.
- * Export the default Certificate Signing Request (CSR) from the Microsoft Certificate Authority

NO.56 Which step should be followed to restore SDDC Manager using the OVF tool?

- * Retrieve the DNS name or IP address of a host in the management Domain
- * Use the host's DNS name in the host password_vault.json, and this will display the root password
- * Install the OVF Tool on a system in the VI Workload domain.
- * Move the SDDC Manager VM into the VI Workload Resource Pool.

NO.57 What is the correct syntax to collect SDDC Manager logs to Amp folder while performing health check?

- * /usr/bin/sddc-support/sos -api-Jogs -log-dir /tmp
- * /usr/bin/sddc-support/sos -sddc-manager-logs -log-dir/tmp
- * /opt/vmware/sddc-support/sos – sddc-manager-logs -log-dir /tmp
- * /opt/vmware/sddc support/sos -sddc-manager-logs -Jog dir /tmp -no-health-check

NO.58 A management domain Each workload domain is comprised of two Clusters with 19 hosts in each. There is a requirement to keep the NSX-T Manager instances to a minimum for ease of management Which NSX-T Manager VM appliance sizing option should the architect choose to support the workload domains using the minimum number of NSX-T Manager clusters?

- * Deploy one NSX-T Manager cluster using the large VM appliance size to support all three workload domains.
- * Deploy three NSX-T Manager clusters using the medium VM appliance size and assign one NSX-T Manager cluster per workload domain.
- * Deploy one NSX-T Manager cluster using the medium VM appliance size to support all three workload domains.
- * Deploy three NSX-T Manager clusters using the large VM appliance size and assign one NSX-T Manager cluster per workload domain.

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