# **VMware**

# Exam 2V0-622

**VMware Certified Professional 6.5 – Data Center Virtualization** 

Version: 9.0

[ Total Questions: 150 ]

#### VMware 2V0-622: Practice Test

Question No: 1 当将Windows VCCESS服务器6迁移到VCCER服务器设备6.5时 默认情况下会迁移两个?(选两个)

When migrating a Windows vCenter Server 6.0 to the vCenter Server Appliance 6.5, which two will be migrated by default? (Choose two.)

- A. Local Windows OS users and groups
- **B.** Configuration
- C. Custom ports
- D. FQDN
- E. Historical and Performance data

# **Answer: B,D**

#### **Explanation:**

The following list contains features or actions that are currently not supported:

Local Windows OS users and groups are not migrated to the Photon OS of the vCenter Server Appliance 6.5. If you assigned vCenter Server permissions to any Local Windows OS users and groups, remove the permissions assignments before the migration. You can re-create Local OS users and groups on the Photon OS of the vCenter Server Appliance 6.5 after the migration.

After the migration, the source vCenter Server is turned off and cannot be turned on to avoid network ID conflicts with the target vCenter Server Appliance. After the source vCenter Server is turned off, all solutions that are installed on the source vCenter Server and that are not migrated become unavailable.

Migration of deployments that use custom ports for services other than Auto Deploy, Update Manager, and vSphere ESXi Dump Collector are not supported.

The migration process migrates only one network adapter settings to the target vCenter Server Appliance. If the hostname of the source vCenter Server resolves to multiple IP addresses across multiple network adapters, you have the option to select which IP address and network adapter settings to migrate. You cannot add the rest of the network adapters and settings to the target vCenter Server Appliance.

You cannot migrate a vCenter Server instance that uses a DHCP IP address.

VMFS6数据存储区的块大小是多少?

Which is the block size on the VMFS6 datastore?

- A. All small and large file blocks are 8MB.
- **B.** All small and large file blocks are 1MB.
- **C.** Small file blocks are 512KB. large file blocks are 64MB.
- D. Small file blocks are 1MB, large file blocks are 512MB. 小文件块为1MB, 大文件块为512MB

#### **Answer: D**

# **Explanation:**

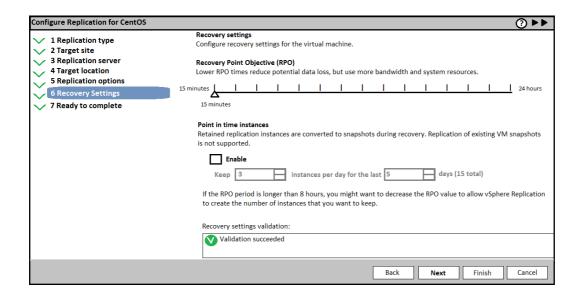
#### File Block Format

VMFS-6 introduces two new block sizes, referred to as small file block (SFB) and large file block (LFB).

While the SFB size can range from 64KB to 1MB for future use-cases, VMFS-6 in vSphere 6.5 is utilizing an SFB size of 1MB only. The LFB size is set to 512MB.

#### vSube管理员正在为虚拟机配置复制过程,但是无法选择5 Question No:3 分钟的恢复点目标(RPO)值。哪个语句可以解释为什么RPO值不能低于15 分钟?

A vSphere Administrator is in the process of configuring replication for a virtual machine, but is not able to select the Recovery Point Objective (RPO) value of 5 minutes.



Which statement could explain why the RPO value cannot be lower than 15 minutes?

为复制选项选择操作系统静态选项。

- **A.** The OS quiescing option is selected for Replication options.
- **B.** The virtual machine hardware version is not compatible.
- **C.** The target and source sites use different types of datastores.
- **D.** The target and source sites are not using VMFS 6.0 datastore.

**Answer: A** 

# **Question No: 4**

What VM Monitoring setting would ensure that the failure interval for a virtual machine is defined as 120 seconds? 什么VM监视设置将确保虚拟机的故障间隔定义为120秒

- A. High
- B. Normal
- C. Low
- **D.** Medium

**Answer: C** 

# **Question No:5**

The storage vendor recommends adjusting the Fibre Channel HBA queue depth to resolve a performance problem. 存储供应商建议调整光纤通道HBA队列深度以进行解析性能问题

vSphere Administrator可以使用哪个esxcli命名空间来调整队列深度

Which esxcli namespace can a vSphere Administrator use to adjust the queue depth?

- **A.** esxcli system module parameters
- B. esxcli storage core device
- C. esxcli system module set
- **D.** esxcli storage core adapter

**Answer: A** 

An administrator sees the following error in the log files:

管理员在日志文件中看到以下错误

Lost access to volume 496befed-1c79c817-6beb-001ec9b60619 (san-lun-100) due to connectivity issues.由于连接问题而无法访问卷(san-lun-100)

哪两个事件可能是错误消息的来源? (选择两个。)

Which two events could be the source of the error message? (Choose two.)

- A. vCenter Server failure
- **B.** VXLAN failure
- C. Disk array failure 磁盘阵列故障
- D. Network failure 网络故障
- E. ESXi host failure

Answer: C,D

**Explanation:** 

To determine why the heartbeat, I/O operations never complete:

Note the date/time when the lost access to volume message was reported and check the ESXi host logs for related information.

Verify that there are no connectivity issues between the ESXi host and the storage device.

#### **Question No:7**

对于Predictive DRS,哪两个陈述是正确的? (选择两个。)

Which two statements are true for Predictive DRS? (Choose two.)

- A. It balances resource utilization for virtual machines with unpredictable utilization patterns.它将DRS与vRealize Operations Manager集成以平衡虚拟的工作负载
- B. It integrates DRS with vRealize Operations Manager to balance workloads for virtual machines before resource utilization spikes occur.

  它根据每晚运行的阈值算法平衡资源利
- machines before resource utilization spikes occur. 它根据每晚运行的阈值算法平衡资源利用率 **C.** It balances resource utilization based on a threshold's algorithm that runs each night.
- **D.** It determines the best placement and balance of virtual machines based on a threshold's algorithm that runs each night in vCenter Server 6.5 Database.

Answer: B,C

**Explanation:** 

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Predictive DRS using a combination of DRS and vRealize Operations Manager to predict future demand and determine when and where hot spots will occur. When future hot spots are found, Predictive DRS moves the workloads long before any contention can occur.

Each night it runs its Dynamic Threshold calculations which uses sophisticated analytics to create a band of what is "normal" for each metric/object combination

# **Question No:8**

What are three benefits of using a few large-capacity LUNs instead of many small-capacity LUNs? (Choose three.) 使用少量大容量LUN而不是许多小容量LUN有三个好处LUN的? (选择三项。)

- **A.** Better performance because there is less contention for a single volume.
- B. More flexibility for resizing virtual disks. 调整虚拟磁盘大小的灵活性更高。
- **C.** Less wasted storage space.

- **D.** More flexibility to create virtual machines without adding new LUNs.建虚拟机。
- E. Fewer VMFS datastores to manage. 要管理的VMFS数据存储更少

Answer: B,D,E

#### **Question No:9**

每个vCenter Server实例只能部署一个vSphere Replication设备。

- **A.** Only one vSphere Replication appliance can be deployed per vCenter Server instance.
- **B.** VMware Tools in the vSphere Replication appliance can be upgraded.
- **C.** A single vSphere Replication appliance can manage a maximum of 4000 replications.
- **D.** vSphere Replication is available only with the vSphere Essentials Plus license.

Answer: A

#### VMware 2V0-622: Practice Test

Which method is supported for backing up the virtual machine that contains vCenter Server? 备份包含vCenter的虚拟机支持哪种方法服务器

- A. differential
- **B.** incremental
- C. full image 完整的图像
- D. individual disks

**Answer: C** 

#### **Question No: 11**

A vSphere administrator manages a cluster which includes critical and non-critical virtual machines. The cluster requires different permissions for contractors and non-contractors. vSphere管理员管理包含关键和非关键虚拟的群集机器。群集对承包商和非承包商需要不同的权限

How can the administrator exclude the contractor group from some of the critical VMs? 管理员如何从一些关键虚拟机中排除承包商组?

- **A.** Apply permission for both contractors and non-contractors on the cluster level.
- **B.** Apply permission for both contractors and non-contractors on the cluster level. Remove permission on the critical VMs for contractors. 对承包商的关键VM的许可
- **C.** Remove permission for contractors on the cluster level. Apply permission on the critical VMs for non-contractors.
- **D.** Apply permission for both contractors and non-contractors on the VMs. Remove permission on the critical VMs for contractors.

#### **Answer: B**

#### **Explanation:**

To exclude the contractor group simple apply permission for both contractors and noncontrators on the cluster level. After that, remove premission on the critical VMs for contractors.

#### **Question No: 12**

When will vSphere Data Protection delete the expired backup image of a Platform Service

Controller? vSphere Data Protection何时删除平台服务控制器的过期备份映像?

- **A.** Immediately after the retention period has expired.
- **B.** After the expired backup image is restored.
- **C.** During the next backup window following expiry.
- **D.** During the next maintenance window following expiry. 在到期后的下一个维护窗口期间。

**Answer: D** 

#### **Question No: 13**

Which statement is correct when migrating from a Windows vCenter Server to the vCenter ServerAppliance 6.5? 从Windows vCenter Server迁移到vCenter时,哪个语句是正确的 ServerAppliance 6.5?

迁移部署不会从源vCenter Server迁移本地OS用户。

- **A.** Migration deployments do not migrate local OS users from the source vCenter Server.
- **B.** Migration deployments support DHCP on the source vCenter Server.
- **C.** Migration deployments allow the source vCenter Server to remain powered on afterwards.
- **D.** Migration deployments support custom ports for all services on the source vCenter Server.

#### **Answer: A**

#### **Explanation:**

Local Windows users are NOT migrated, you will need to re-create them if you require such users. Single Sign-On users are migrated as part of the vCenter Server Appliance Migration.

Reference https://kb.vmware.com/s/article/2146439

#### **Question No: 14**

Which is required for configuring iSCSI Software Adapter network port binding? 配置iSCSI软件适配器网络端口绑定需要哪些?

**A.** VMkernel of the iSCSI traffic must be load balanced using Route based on IP Hash algorithm.

- **B.** VMkernel of the iSCSI traffic must be load balanced using Route based on Source Virtual Port ID algorithm.
- **C.** VMkernel of the iSCSI traffic must be load balanced using Route based on Source MAC Hash algorithm.
- **D.** VMkernel of the iSCSI traffic must be bound to only one active network adapter. iSCSI流量的VMkernel必须仅绑定到一个活动网络适配器。

#### **Answer: D**

# **Explanation:**

(...) ensure each vmkernel port has a unique active adapter.

#### **Question No: 15**

Which two tasks should a vSphere administrator perform if the vmkernel log reports VMFS metadata errors? (Choose two.) 如果vmkernel 日志报告VMFS, vSphere管理员应执行哪两项任务 元数据错误? (选择两个。)

联系VMware技术支持

- A. contact VMware technical support
- **B.** reformat the datastore
- C. check the device with VOMA 用VOMA检查设备
- **D.** ignore the messages

# Answer: A,C

#### **Explanation:**

To check metadata consistency, run VOMA from the CLI of an ESXi host. VOMA can be used to check and fix metadata inconsistency issues for a VMFS datastore or a virtual flash resource. To resolve errors reported by VOMA, consult VMware Support.

Reference https://docs.vmware.com/en/VMware-

vSphere/6.0/com.vmware.vsphere.troubleshooting.doc/GUID-6F991DB5-9AF0-4F9F-809C-B82D3EED7DAF.html

#### VMware 2V0-622 : Practice Test

Which two permissions are required to migrate a virtual machine with Storage vMotion? (Choose two.) 使用Storage vMotion迁移虚拟机需要哪两个权限? (选择两个。)

- **A.** Network > Move Network
- **B.** Virtual Machine > Inventory > Move
- C. Resource > Migrate powered on virtual machine 资源>迁移已启动的虚拟机
- **D.** Datastore > Allocate Space 数据存储>分配空间

# Answer: C,D

#### **Explanation:**

You require these permissions to perform Storage vMotion from the Remote Command Line Interface (RCLI):

Resource > Migrate

Resource > Relocate

Datastore > Allocate Space

#### **Question No: 17**

A vSphere Administrator wants to reserve 0.5 Gbps for virtual machines on each uplink on a disturbed switch that has 10 uplinks. vSphere Administrator希望在每个上行链路上为虚拟机保留0.5 Gbps

应该为网络资源池保留的配额是多少?

受干扰的交换机,有10个上行链路。

What is the quota that should be reserved for the network resource pool?

- **A.** 10 Gbps
- B. 5 Gbps
- **C.** 100 Gbps
- **D.** 0.5 Gbps

# **Answer: B**

#### **Explanation:**

if the virtual machine system traffic has 0.5 Gbps reserved on each 10 GbE uplink on a distributed switch that has 10 uplinks, then the total aggregated bandwidth available for VM reservation on this switch is 5 Gbps. Each network resource pool can reserve a quota of this 5 Gbps capacity.

Which is the correct order for upgrading vSphere components? 升级vSphere组件的正确顺序是哪一个?

vCenter Server, ESXi主机, VMware Tools, 虚拟机硬件

- A. vCenter Server, ESXi hosts, VMware Tools, Virtual Machine hardware
- B. VMware Tools, Virtual Machine hardware, ESXi hosts, vCenter Server
- C. vCenter Server, Virtual Machine hardware, VMware tools, ESXi hosts
- D. ESXi hosts, vCenter Server, Virtual Machine hardware, VMware Tools

#### **Answer: A**

# **Explanation:**

The correct way to upgrade vSphere is to start with vCenter Server. Then comes ESXi hosts. After that you should upgrade VMware tools and finally virtual machine hardware.

#### **Question No: 19**

有哪两种方法可以解决这个问题? (选择两个。) What two methods will correct the problem? (Choose two.)

- **A.** Use Storage vMotion to migrate the Secondary VM to another datastore.
- **B.** Use vMotion to migrate the Secondary VM to a different ESXi host.

使用vMotion将辅助虚 拟机迁移到其他ESXi主机。

- **C.** Configure a CPU limit on the Primary VM which will also apply to the Secondary VM.
- **D.** Turn off and turn on FT in order to recreate the Secondary VM on a different datastore. 关闭并打开FT,以便在其他数据存储上重新创建辅助虚拟机

Answer: B,D

What are two reasons why a datastore in a Storage DRS cluster cannot enter maintenance mode? (Choose two.) Storage DRS群集中的数据存储无法进入维护的原因有两个模式? (选择两个。)

- A. Storage latency is too high to allow Storage DRS initiate Storage vMotion.
- **B.** Storage DRS is configured for a VMFS3 datastore.
- C. Storage DRS is disabled on the virtual disk. 虚拟磁盘上禁用存储DRS。
- D. Rules prevent Storage DRS from making migration recommendations. 规则阻止Storage DRS提出迁移建议。

Answer: C,D

#### **Question No: 21**

vCenter Server Appliance Instance can be backed up using which Client Interface?

可以使用哪个客户端界面备份vCenter Server Appliance实例?

- A. vSphere Client Interface
- B. vSphere Web Client Interface
- C. VMware Host Client Interface
- D. Virtual Appliance Management Interface 虚拟设备管理界面

**Answer: D** 

### **Question No: 22**

An administrator must change the statistics level for short-term performance monitoring and wants to collect metrics for all counters, excluding minimum and maximum rollup values. 管理员必须更改统计级别以进行短期性能监视并希望收集所有计数器的指标,不包括最小和最大汇总值。

What would be the statistics level? 统计水平是多少?

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

**Answer: A** 

# VMware 2V0-622 : Practice Test

A vSphere Administrator attempts to enable Fault Tolerance for a virtual machine but receives the following error: vSphere Administrator尝试为虚拟机启用Fault Tolerance但是收到以下错误:

Secondary VM could not be powered on as there are no compatible hosts that can accommodate it. 辅助虚拟机无法启动,因为没有可兼容的主机容纳它。

What two options could cause this error? (Choose two.) 有两个选项会导致此错误? (选择两个。)

- A. The other ESXi host(s) are in Maintenance Mode. 其他ESXi 主机处于维护模式。
- B. Hardware virtualization is not enabled on the other ESXi host(s). 其他ESXi 主机上未启用硬件虚拟化。
- **C.** The other ESXi host(s) are in Quarantine Mode.
- **D.** Hardware MMU is enabled on the other ESXi host(s).

Answer: A,B

#### **Question No: 24**

Which feature facilitates the sharing of templates via vCenter Server. server共享模板?

- A. Content Library 内容库
- B. OVF
- C. folders
- D. vApp

**Answer: A** 

#### **Question No: 25**

What counter should an administrator check to determine if a virtual machine is ballooning? 管理员应该检查什么计数器来确定虚拟机是否在膨胀?

- A. swapinRate
- **B.** vmmemctltarget
- C. swapped
- D. vmmemctl

**Answer: D** 

Which two statements are true about Highly Available vSphere Auto Deploy infrastructure? (Choose two.) 有关高可用性vSphere Auto Deploy基础架构的哪两个陈述是正确的? (选择两个。)

- A. It helps prevent data loss. 有助于防止数据丢失。
- **B.** It is a prerequisite for using vSphere Auto Deploy with stateful install.
- **C.** It requires two or more Auto Deploy servers.
- **D.** It is a prerequisite for using vSphere Auto Deploy with stateless caching. 这是将vSphere Auto Deploy与无状态缓存一起使用的先决条件。

Answer: A,D

#### **Question No: 27**

Which iSCSI initiator type can be used with any network interface card? 哪种iSCSI启动器类型可以与任何网络接口卡一起使用?

- A. Software iSCSI initiator 软件iSCSI启动器
- B. Software FCoE adapter
- C. Hardware Independent iSCSI initiator
- D. Hardware Dependent iSCSI initiator

#### **Answer: A**

#### **Explanation:**

# Software iSCSI Adapter

A software iSCSI adapter is a VMware code built into the VMkernel. It allows your host to connect to the iSCSI storage device through standard network adapters. The software iSCSI adapter handles iSCSI processing while communicating with the network adapter. With the software iSCSI adapter, you can use iSCSI technology without purchasing specialized hardware.

#### **Question No: 28**

What is the correct way to replace the certificate on an existing vCenter Server that is part of a vCenter HA configuration? 在作为其一部分的现有vCenter Server上替换证书的正确方法是什么 vCenter HA配置?

#### VMware 2V0-622 : Practice Test

- **A.** Put the vCenter HA in Maintenance mode, replace the certificate, exit Maintenance mode.
- **B.** Shut down Passive and Witness nodes and replace the certificate on the Active node.
- **C.** Remove the Passive and Witness nodes, replace the certificate, reconfigure the cluster.
- D. Replace the certificate while all nodes are participating in the cluster.

**Answer: C** 

#### **Question No: 29**

Which three storage protocols are supported by Virtual Volumes? (Choose three.) 虚拟卷支持哪三种存储协议? (选择三项。)

- A. FCIP
- B. FCoE
- C. iSCSI
- D. NFS v3
- E. NFS v4

Answer: B,C,D

# **Explanation:**

Virtual Volumes supports NFS version 3 and 4.1, iSCSI, Fibre Channel, and FCoE.

#### **Question No: 30**

The administrator must back up a vCenter HA deployment. 管理员必须备份vCenter HA部署。

Which component must be backed up?必须备份哪个组件?

- A. Passive node
- B. Witness node
- C. External database
- D. Active node 活动节点

**Answer: D** 

#### **Explanation:**

When taking backups, avoid backing up the Passive and Witness nodes. Just take a backup of the Active node. When restoring an Active node, you must remove all the cluster configuration, restore and re-create the HA cluster.

# **Question No: 31**

Which three types of Content Libraries exist within vSphere 6.5? (Choose three.) vSphere 6.5中存在哪三种类型的内容库? (选择三项。)

- A. Remote Content Library
- B. Published Content Library 发布的内容库
- C. Local Content Library 本地内容库
- D. Shared Content Library
- E. Subscribed Content Library 订阅的内容库

# Answer: B,C,E

# **Explanation:**

**Local Libraries** 

Subscribed Libraries (You subscribe to a published library by creating a subscribed library.)

#### **Question No: 32**

Which two storage configurations on the source server are unsupported with VMware Converter? (Choose two.) VMware不支持源服务器上的哪两个存储配置 转换器? (选择两个。)

- A. Linux LVM
- B. software RAID 软件RAID
- C. GPT/MBR hybrid disks GPT / MBR混合磁盘
- D. Windows basic volumes
- E. Windows dynamic volumes

Answer: B,C

A security officer has issued a new directive that users will no longer have access to change connected network adapters to limit denial of service on a virtual machine. 安全官员发布了一项新指令,用户将不再有权更改连接的网络适配器,以限制虚拟机上的拒绝服务。

Which two correct virtual machine advanced configuration parameters will accomplish this? (Choose two.) 哪两个正确的虚拟机高级配置参数将实现此目的? (选择两个。)

- A. isolation.device.edit.disable = "FALSE"
- **B.** isolation.device.edit.disable = "TRUE"
- **C.** isolation.device.connectable.disable = "FALSE"
- **D.** isolation.device.connectable.disable = "TRUE"

Answer: B,D

#### **Question No: 34**

A user is given the "Virtual machine user (sample)" role in a vSphere 6.x environment. 在vSphere 6.x环境中为用户提供"虚拟机用户(样本)"角色。

Which three permissions would the user be able to perform? (Choose three.) 用户可以执行哪三项权限? (选择三项。)

- A. Reset a virtual machine. 重置虚拟机
- B. Power on a virtual machine. 打开虚拟机电源
- C. Move a host into a cluster.
- D. Configure CD media. 配置CD媒体。
- **E.** Migrate a virtual machine with Storage vMotion.

Answer: A,B,D

# **Explanation:**

A set of privileges to allow the user to interact with a virtual machine's console, insert media, and perform power operations.

What can the administrator change to enable the Automated option? 管理员可以更改哪些内容以启用"自动"选项

- A. Change the vSphere DRS Automation level to Partially Automated.
- **B.** Change the vSphere DRS Automation level to Fully Automated.
- C. Enable vSphere HA Host Monitoring. 启用vSphere HA主机监控。
- **D.** Change the vSphere DPM Automation level to Automatic.

**Answer: C** 

#### **Question No: 36**

Which two components are part of storage I/O multipathing on ESXi? (Choose two.) 哪两个组件是ESXi上存储I / 0多路径的一部分? (选择两个。)

- A. SATP
- B. VASA
- C. PSP
- D. VAAI

#### Answer: A,C

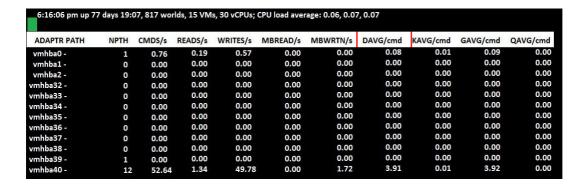
#### **Explanation:**

The NMP associates a set of physical paths with a specific storage device, or LUN. The specific details of handling path failover for a given storage array are delegated to a Storage Array Type Plug-In (SATP). The specific details for determining which physical path is used to issue an I/O request to a storage device are handled by a Path Selection Plug-In (PSP). SATPs and PSPs are sub plug-ins within the NMP module.

Reference https://pubs.vmware.com/vsphere-

50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc\_50%2FGUID-9DED1F73-7375-4957-BF69-41B56C3E5224.html

Which metric in the Exhibit would identify high latency for a storage device? 图表中的哪个指标可以识别存储设备的高延迟?



A. QAVG/cmd

B. KAVG/cmd

C. DAVG/cmd

D. GAVG/cmd

**Answer: C** 

#### **Question No: 38**

What is the minimum number of hosts that must contribute capacity to a non-ROBO single site VMware vSAN cluster? 必须为非ROBO单一提供容量的最小主机数是多少站点VMware vSAN集群?

**A.** 1

**B.** 64

**C.** 3

**D.** 2

#### **Answer: C**

#### **Explanation:**

A minimum of three hosts must contribute capavity to non-ROBO single site.

#### VMware 2V0-622 : Practice Test

An administrator wants to enable proactive HA by moving virtual machines automatically if a hardware alert is triggered.管理员希望通过自动移动虚拟机来启用主动HA 触发硬件警报。

What are the three required settings? (Choose three.)

三个必需的设置是什么? (选择三项。)

- **A.** Set vSphere DRS Automation to Partially Automated.
- B. Turn on Proactive HA. 启用Proactive HA.
- C. Set the Proactive HA Automation Level to Manual.
- D. Set the Proactive HA Automation Level to Automated. 将主动HA自动化级别设置为自动化。
- E. Turn on vSphere HA and vSphere DRS. 打开vSphere HA和vSphere DRS。

Answer: B,D,E

# **Explanation:**

Select Turn on Proactive HA.

Click Proactive HA Failures and Responses.

Select from the following configuration options.

Option

Description

**Automation Level** 

Determine whether host quarantine or maintenance mode and VM migrations are recommendations or automatic.

Remediation

Determine what happens to partially degraded hosts.

Host.Config.Quarantine and Host.Config.Maintenance privileges are required to put hosts in Quarantine mode and Maintenance mode, respectively.

#### **Question No: 40**

Which is required by vCenter Converter Standalone to convert a physical Red Hat
Enterprise Linux 7 machine to a virtual machine?

vCenter Converter Standalone要求转换物理Red Hat
企业Linux 7机器到虚拟机?

- A. The Linux machine must be powered off.
- B. The Linux machine must have the SSH daemon started. Linux机器必须启动SSH守护程序。
- C. The Linux machine must use a static IP address.

**D.** The Linux machine must have a fully-qualified domain name.

**Answer: B** 

# **Question No: 41**

Which are the two network requirements for a VMware vSAN 6.5 cluster? (Choose two.) VMware vSAN 6.5群集的两个网络要求是哪些? (选择两个。)

- 必须在处理vSAN流量的物理交换机和路由器上启用多播。 A. Multicast must be enabled on the physical switches and routers that handle vSAN traffic.
- **B.** vSAN requires IPv6 only.
- C. All hosts must have a dedicated 40GbE NIC.
- D. The vSAN network supported IPv4 or IPv6. vSAN网络支持IPv4或IPv6
- E. vSAN requires IPv4 only.

Answer: A,D Explanation:

The vSAN network supports both IPv4 and IPv6.

#### **Question No: 42**

An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.

管理员正在ESXi 6.5主机上创建VMkernel适配器并想要创建 为默认TCP / IP堆栈中的每种类型的流量分离VMkernel适配器。

Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.) 可以在单独的VMkernel 适配器上显式启用哪三种类型的流量? (选择三项。)

- A. Virtual SAN traffic
- B. NFS traffic
- C. vMotion traffic
- D. vSphere HA traffic
- E. Fault Tolerance logging traffic

Answer: A,C,E

**Explanation:** 

- \* A VMkernel adapter for vMotion is required both on the source and the target hosts. Configure The VMkernel adapters for vMotion to handle only the vMotion traffic.
- \* A separate VMkernel adapter for Fault Tolerance logging is required on every host that is part of a vSphere HA cluster.
- \* Every host that participates in a vSAN cluster must have a VMkernel adapter to handle the vSAN traffic.

Which is the correct sequence to upgrade a vSphere infrastructure? 升级vSphere基础架构的正确顺序是哪一个?

/ Wyohieie 全個未得的正确顺序定哪 | :

- vCenter Server> ESXi主机> VMware Tools> VM兼容性 A. vCenter Server>ESXi host> VMware Tools>VM compatibility
- B. ESXi host>vCenter Server> VMware Tools>VM compatibility
- C. vCenter host> ESXi host> VM compatibility> VMware Tools
- **D.** ESXi host>vCenter Server> VM compatibility>VMware Tools

**Answer: A** 

#### **Question No: 44**

Which CLI command shows the physical uplink status for a vmnic? 哪个CLI命令显示vmnic的物理上行链路状态?

- A. esxcli network ip connection list
- B. esxcli network ip neighbor list
- C. esxcli network nic get
- D. esxcli network nic list

**Answer: D** 

#### **Question No: 45**

An administrator attempts to manually reclaim space on thin-provisioned VMFS6 volumes

but finds that no additional space is being recovered.

管理员尝试手动回收精简配置的VMFS6卷上的空间,但发现没有正在恢复的额外空间。

Which could be causing this?

- A. vSphere 6.5 does not support manual UNMAP.
- **B.** The manual UNMAP operation has been moved to the vSphere web client.
- **C.** The VASA version is use is incompatible.
- D. UNMAP is automated for VMFS6. UNMAP为VMFS6自动化。

#### **Answer: D**

#### **Explanation:**

VMFS 6 is the new filesystem of vSphere 6.5. The new filesystem supports 512e advanced format drives and is 4098 sector (4K) aligned. It also supports automatic UNMAP, which asynchronously tracks freed blocks and sends UNMAPs to backend storage in background.

# **Question No: 46**

What three conditions could result in VMware Flash Read Cache being unable to claim a disk? (Choose three.)

有三种情况可能导致VMware Flash Read Cache无法声明磁盘? (选择三项。)

- **A.** The disk is not listed in the VMware hardware compatibility guide.
- B. The disk is not detected as an SSD. 磁盘未被检测为SSD。
- C. The disk is not detected as local. 磁盘未被检测为本地磁盘。
- D. The disk is in use by VMFs. 磁盘正由VMF使用。

Answer: B,C,D

### **Question No: 47**

Which two featured require the use of Host Profiles? (Choose two.) 哪两项功能需要使用主机配置文件? (选择两个。)

- A. Host Customizations 主机自定义
- B. shared storage

# C. Auto Deploy

D. vRealize Suite

Answer: A,C

#### **Question No: 48**

Which three VMware-recommended best practices should an administrator follow before upgrading to vSphere 6.5? (Choose three.) 管理员应遵循以下三个VMware推荐的最佳实践升级到vSphere 6.5? (选择三项。)

- A. Disconnect ESXi host from vCenter.
- **B.** VMware Tools are installed in the virtual machine.
- C. Ensure that the system hardware complies with ESXi requirements. 确保系统硬件符合ESXi要求
- D. Back up the host. 备份主机。
- E. Check the interoperability of any other software integrated with vSphere. 检查与vSphere集成的任何其他软件的互操作性。

# Answer: C,D,E

# **Explanation:**

As is logical for any software update, first backup the host. The check to ensure system hardware compatibility according to ESXi requirements. You also need to check interoperability of software integrated with vSphere.

#### **Question No: 49**

An administrator cannot enable multi-processor Fault Tolerance (SMP-FT) for a virtual machine. 管理员无法为虚拟启用多处理器容错 (SMP-FT)

Which are two possible causes for this? (Choose two.) 这有两个可能的原因? (选择两个。)

- **A.** The virtual machine is running on a vSAN datastore.
- **B.** The Fault Tolerance network is using a 10Gbit uplink.
- C. The virtual machine has 6 vCPUs assigned. 虚拟机分配了6个vCPU
- **D.** The virtual machine has a 1TB VMDK attached.
- E. The virtual machine has snapshots present. 虚拟机存在快照。

# **Answer: C,E**

### **Explanation:**

The following vSphere features are not supported for fault tolerant virtual machines.

Snapshots. Snapshots must be removed or committed before Fault Tolerance can be enabled on a virtual machine. In addition, it is not possible to take snapshots of virtual machines on which Fault Tolerance is enabled.

# Licensing

The number of vCPUs supported by a single fault tolerant VM is limited by the level of licensing that you have purchased for vSphere. Fault Tolerance is supported as follows:

vSphere Standard and Enterprise. Allows up to 2 vCPUs

vSphere Enterprise Plus. Allows up to 4 vCPUs

# **Question No: 50**

Which are two vCenter Server two-factor authentication methods? (Choose two.) 哪两种vCenter Server双因素身份验证方法? (选择两个。)

- A. RSA SecurID
- B. Smart Card 智能卡
- C. SAML
- D. Symantec VIP

# Answer: A,B

# **Explanation:**

**Two-Factor Authentication Methods** 

The two-factor authentication methods are often required by government agencies or large enterprises.

#### Smart card authentication

Smart card authentication allows access only to users who attach a physical card to the USB drive of the computer that they log in to. An example is Common Access Card (CAC) authentication.

The administrator can deploy the PKI so that the smart card certificates are the only client certificates that the CA issues. For such deployments, only smart card certificates are presented to the user. The user selects a certificate, and is prompted for a PIN. Only users who have both the physical card and the PIN that matches the certificate can log in.

#### RSA SecurID Authentication

For RSA SecurID authentication, your environment must include a correctly configured RSA Authentication Manager. If the Platform Services Controller is configured to point to the RSA server, and if RSA SecurID Authentication is enabled, users can log in with their user name and token.

See the two vSphere Blog posts about RSA SecurID setup for details.

#### **Question No: 51**

Which three operations can cause VMFS metadata updates? (Choose three.) 哪三个操作可以导致VMFS元数据更新? (选择三项。)

- **A.** Restarting a VM using the guest OS.
- **B.** Launching a VM console.
- C. Migrating a VM with vMotion. 使用vMotion迁移VM。
- **D.** Powering a VM on or off. 打开或关闭VM的电源
- E. Expanding a VMFS datastore. 扩展VMFS数据存储

# Answer: C,D,E

# **Explanation:**

Metadata is updated each time you perform datastore or virtual machine management operations. Examples of operations requiring metadata updates include the following:

An attempt to delete NFS datastore from a ESXi host returns the error:

尝试从ESXi主机删除NFS数据存储区会返回错误:

Sysinfo error on operation returned the following status: Busy

操作中的Sysinfo错误返回以下状态:忙

Which two statements could explain this failure? (Choose two.)

哪两个陈述可以解释这个失败? (选择两个。)

- A. NFS datastore is a part of Storage DRS Cluster.
- **B.** NFS.VolumeRemountFrequency value is set to 30.
- C. Storage I/O Control is enabled on NFS datastore. NFS数据存储上启用了存储I / 0控制。
- **D.** NFS datastore has running or registered virtual machines.

NFS数据存储区具有正在运行或已注册的虚拟机。

Answer: C,D

# **Explanation:**

The busy status indicated that either storage I/O control is enabled on NFS datastore or the NFS datastore is running on registered virtual machines. In both cases, sysinfo error on operation will be returned with busy status.

# **Question No: 53**

Which three statements are correct regarding booting an ESXi Host from Fibre Channel SAN? (Choose three.) 从光纤通道引导ESXi 主机有哪三种说法是正确的 SAN? (选择三项。)

- **A.** Direct connect topology is supported.
- A. 支持直接连接拓扑。
- B. Each host must have its own boot LUN.
- B. 每个主机必须有自己的启动LUN。
- **C.** ESXi hosts do not require local storage.
- C. ESXi主机不需要本地存储。
- **D.** Multipathing to a boot LUN on an active-passive array is supported.
- E. Hosts can share one common boot LUN.

Answer: A,B,C

#### **Question No: 54**

What new feature was introduced to the Content Library in vSphere 6.5?

vSphere 6.5中的内容库引入了哪些新功能?

#### VMware 2V0-622 : Practice Test

- A. Mount an ISO directly from the Content Library. 直接从内容库挂载ISO。
- B. Deploy a virtual machine from an OVF Package in a Content Library.
- C. Upload a File from a URL to a Library Item.
- **D.** Upload a File from a Local System to a Library Item.

#### **Answer: A**

# **Explanation:**

# Explanation

WMware vSphere 6.5 enhances the Content Library with three new options: mount an ISO from the content library, update existing templates and apply guest OS customization specifications during a VM deployment. These new features help plug holes in and expand other capabilities introduced in the original version.

The first of these capabilities -- mounting an ISO from the Content Library is useful because it eliminates the need to store ISO images on a data store but keeps the images readily accessible.

Reference http://searchvmware.techtarget.com/answer/How-does-VMware-vSphere-65-improve-its-Content-Library

#### **Question No: 55**

What three processes on the vCenter Server Appliance (VCSA) does "vmware-watchdog" monitor? (Choose three.) vCenter Server Appliance (VCSA) 上的三个进程执行 "vmware-watchdog" 监控? (选择三项。)

- A. vmware-earn
- B. vmcad
- C. vmware-vpostgres
- **D.** vpxd
- E. vsan-health

Answer: C,D,E

Which network is used by vSphere HA when VMware vSAN is enabled? 启用VMware vSAN时, vSphere HA使用哪个网络?

- A. Management network
- B. vSphere Replication network
- C. vMotion network
- D. VSAN network

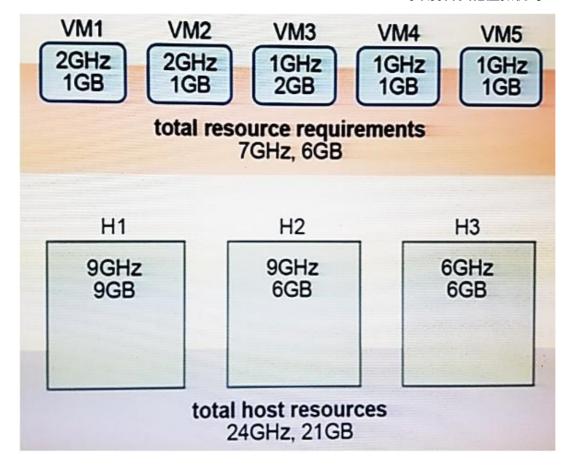
**Answer: D** 

#### **Question No: 57**

An administrator sets the Failover Capacity for both CPU and Memory at 25%.

Based on the Exhibit below, how much of the cluster's total CPU resources are still available to power on additional virtual machines? 管理员将CPU和内存的故障转移容量设置为25%。

官理贝特CPO和內存的故障转移各量设置为25%。 根据下面的图表,群集的总CPU资源仍然有多少可以打开其他虚拟机吗?



A. 45%

**B.** 25%

C. 70%

**D.** 60%

**Answer: A** 

# **Question No: 58**

A Telco customer is implementing NFV using vSphere as the virtualization platform.

Telco客户正在使用vSphere作为虚拟化平台来实施NFV。哪个功能可以帮助实现高数据包速率和更低的CPU消耗?

Which feature can help achieve a high packet rate with lower CPU consumption?

- A. Network I/O Control
- B. SplitRX
- C. ERSPAN
- D. LACP

**Answer: B** 

# **Explanation:**

SplitRx mode will typically improve throughput and maximum packet rates.

# **Question No:59**

What tool can capture network traffic at the uplinks, or vSwitch, or virtual port levels?

什么工具可以捕获上行链路, vSwitch或虚拟端口级别的网络流量?

- A. tcpdump-uw
- B. wireshark
- C. pktcap-uw
- D. pcap

**Answer: C** 

Which two statements describe why a vSphere DRS cluster would report load imbalance? (Choose two.) 哪两个语句描述了vSphere DRS群集报告负载不平衡的原因?
(选择两个。)

- A. The configured migration threshold is too high.

  配置的迁移阈值太高。
- **B.** The configured migration threshold is too low.
- C. DRS is configured for Partially Automated. DRS配置为部分自动化。
- **D.** Enhanced vMotion Compatibility (EVC) is enabled.

**Answer: A,C** 

#### **Question No: 61**

What two services run on all nodes in a vCenter Server HA cluster? (Choose two.)

在vCenter Server HA群集中的所有节点上运行哪两项服务? (选择两个。)

- A. vmware-vmon
- B. vmware-vpostgres
- C. vmare-rbd-watchdog
- D. vmware-vcha

Answer: A,D

### **Question No: 62**

An administrator finds that the Microsoft Exchange virtual machines are exhibiting network latency. 管理员发现Microsoft Exchange虚拟机正在展示网络

两个客户内更改有助于减少延迟? (选择两个。)

What two in-guest changes can help decrease latency? (Choose two.)

- A. LRO
- B. TSO
- C. SR-IOV
- D. RVRDMA

Answer: A,B

# **Explanation:**

Using TSO and LRO on physical and virtual machine NICs improves the performance of ESX/ESXi hosts by reducing the CPU overhead for TCP/IP network operations. The host

uses more CPU cycles to run applications.

If TSO is enabled on the transmission path, the NIC divides larger data chunks into TCP segments. If TSO is disabled, the CPU performs segmentation for TCP/IP.

TSO is referred to as LSO (Large Segment Offload or Large Send Offload) in the latest VMXNET3 driver attributes.

LRO reassembles incoming network packets into larger buffers and transfers the resulting larger but fewer packets to the network stack of the host or virtual machine. The CPU has to process fewer packets than when LRO is disabled, which reduces its utilization for networking.

#### **Question No: 63**

Restoration of the vCenter Server Appliance is accomplished using which interface? 使用哪个界面完成vCenter Server Appliance的恢复?

- A. vSphere Web Client
- B. vSphere Client
- C. vCenter Server ApplianceManagement Interface
- D. vCenter Server ApplianceGUI Installer

#### **Answer: D**

#### **Explanation:**

Explanation

You can also perform a restore operation by deploying a new vCenter Server Appliance and using the vCenter Server Appliance management interface to copy the data from the file-based backup to the new appliance.

# **Question No: 64**

An administrator is trying to vMotion a VM from his datacenter to a recovery site. Which is the maximum allowed RTT (Round-Trip Time) latency between source and destination

host? 管理员正在尝试将VM从其数据中心vMotion到恢复站点。这是源和目标之间允许的最大RTT(往返时间)延迟主办?

- A. 100 milliseconds
- B. 150 milliseconds 臺秒
- C. 15 milliseconds
- D. 10 milliseconds

#### **Answer: B**

# **Explanation:**

Round-Trip Time for Long-Distance vMotion Migration

If you have the proper license applied to your environment, you can perform reliable migrations between hosts that are separated by high network round-trip latency times. The maximum supported network round-trip time for vMotion migrations is 150 milliseconds. This round-trip time lets you migrate virtual machines to another geographical location at a longer distance.

# **Question No: 65**

Which is the maximum number of block devices (LUNs) that are supported by ESXi hosts that are running version 6.5? 哪个是ESXi 主机支持的最大块设备(LUN)数正在运行6.5版本?

- **A.** 1024
- **B.** 512
- **C.** 2048
- **D.** 256

#### Answer: B

#### **Explanation:**

LUNs per server 512

Which two storage technologies are supported for MSCS? (Choose two.) MSCS支持哪两种存储技术? (选择两个。)

- A. NFS
- B. VAAI
- C. iSCSI
- D. FC

Answer: C,D

#### **Question No: 67**

An administrator wishes to enable network port mirroring based on source port. Which feature should be enabled? 管理员希望基于源端口启用网络端口镜像。哪一个功能应该启用?

- A. vSphere standard switch port
- **B.** ERSPAN
- C. NSX Virtual Wire
- D. VLAN

**Answer: D** 

# **Explanation:**

Enter a valid VLAN ID in the field. This information is required for Remote Mirroring Source port mirroring sessions.

#### **Question No: 68**

Which two statements about vCenter HA are correct? (Choose two.) 哪两个关于vCenter HA的陈述是正确的? (选择两个。)

- A. ESXi 5.5 or later is required. 需要ESXi 5.5或更高版本
- B. vCenter HA network latency between nodes must be less than 50 ms.
- C. NFS datastore is supported. 支持NFS数据存储。
- **D.** It must be deployed on a 3 ESXi host cluster with DRS enabled.

**Answer: A,C** 

The vSphere Data Protection performance analysis results in the "Conditionally Passed" status. vSphere Data Protection性能分析导致"有条件地通过"

状态

什么会导致这种情况?

What can cause this condition?

- **A.** The results did not meet the minimum performance expectations.
- **B.** The read, write, and seek tests were successful.
- C. The read and write tests were successful but the seek test failed. 读写测试成功但搜索测试失败
- **D.** The read and write tests were successful but the seek test skipped.

**Answer: C** 

#### **Question No:70**

The business managers have asked the IT administrator to ensure configuration compliance in the vSphere infrastructure. The IT administrator wants to use Host Profiles to accomplish this, but is unable to do so.

业务经理已要求 IT管理员确保配置 vSphere基础结构中的合规性。 IT管理员希望使用主机配置文件 实现这一目标,但无法做到这一点。 为什么管理员无法使用主机配置文件?

Why is the administrator unable to use Host Profiles?

- A. The infrastructure uses a vSphere Standard license. 基础结构使用vSphere Standard许可证
- **B.** The infrastructure has servers with various CPU families.
- **C.** The user has only the "Administrator" role.
- **D.** Host Profiles apply only to storage settings.

#### **Answer: A**

#### **Explanation:**

The administrator is unable to use host profiles because host profiles are not supported with vSphere standard license. For host profile, you need vsphere Enterprise plus license.

"OneAppServer" is a VM template stored in a content library named "LibraryOne", but the vSphere administrator is not able to use this template for deployment.

"OneAppServer"是存储在名为"LibraryOne"的内容库中的VM模板,但是vSphere管理员无法使用此模板进行部署。

为什么管理员无法部署OneAppServer? Why is the administrator unable to deploy OneAppServer?

- A. OneAppServer must be updated before it can be deployed.
- B. LibraryOne is a subscribed library and OneAppServer is not downloaded yet.

  LibraryOne已发布并针对通过HTTP进行同步进行了优化。
- C. LibraryOne is published and optimized for syncing over HTTP.
- **D.** OneAppServer was imported from a local file on the system.

#### **Answer: C**

#### **Explanation:**

The administrator is unable to deploy OneAppServer because LibraryOne is publish and optimized for syncing over HTTP. If the syncing is enabled, you cannot use this template for deployment.

# **Question No:72**

vSphere DRS helps to balance virtual machines with available resources in a vSphere cluster. vSphere DRS有助于平衡虚拟机与vSphere中的可用资源 簇。

平衡可以考虑哪三类资源? (选择三项。)

What three types of resources can be taken into account for balancing? (Choose three.)

- A. CPU
- B. physical NIC saturation of an ESXi host ESXi 主机的物理NIC饱和
- C. virtual NIC saturation of a virtual machine
- D. RAM
- E. storage latency

Answer: A,B,D

# **Explanation:**

Balancing is all about computing resources like CPU, RAM and physical NIC saturation. Vsphere DRS uses CPU, RAM and NIC to load balance virtual machines with available resources.

#### **Question No:73**

A vSphere Administrator must ensure that vCenter Server service is running in a domain user account rather than Local System Account with the count of the count

用户帐户而不是本地系统帐户。要做到这一点,用户帐户应该具有哪两个权限? (选择两个。)

To accomplish this, the user account should have which two permissions? (Choose two.)

**A.** Log on as a service.

以服务身份登录

**B.** Act as part of the operating system. 作为操作系统的一部分。

C. Log on as a batch job.

**D.** Log on locally.

Answer: A,B

# **Explanation:**

On each system that is running vCenter Server, verify that the domain user account has these permissions:

#### **Question No: 74**

An administrator is troubleshooting network communications between a vCenter Server and an ESXi 6.5 host. 管理员正在排除vCenter Server之间的网络通信故障和ESXi 6.5主机。

哪个日志显示这些组件之间的相关事件?

Which log shows the related events between these components?

A. /var/log/fdm.log

B. /var/log/vpxa.log

C. /var/log/hostd.log

#### D. /var/log/auth.log

**Answer: B** 

# **Question No: 75**

The virtual machine log rotation size can be changed for all VMs by which two interfaces? (Choose two.) 可以为所有两个接口的VM更改虚拟机日志轮换大小?
(选择两个。)

- A. PowerCLI
- B. vSphere Web Client
- C. ESXi host client
- D. esxcli

**Answer: A,B** 

# **Question No:76**

A vSphere Administrator must ensure that a user is able to view and manage the system configuration in vSphere Web Client.

vSphere管理员必须确保用户能够查看和管理系统 vSphere Web Client中的配置。
在vCenter Single Sign-On域中,用户应该属于哪个组?

In the vCenter Single Sign-On domain, which group should the user be a part of?

- A. SystemConfiguration.BashShellAdministrators
- B. ComponentManager. Administrators
- C. Administrators
- **D.** SystemConfiguration.Administrators

**Answer: D** 

#### **Question No:77**

Which storage feature always requires the use of third-party software on ESXi? 哪个存储功能始终需要在ESXi上使用第三方软件?

- A. Hardware Acceleration for NAS devices NAS设备的硬件加速
- B. VVOL
- C. Hardware Acceleration for Block Devices

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