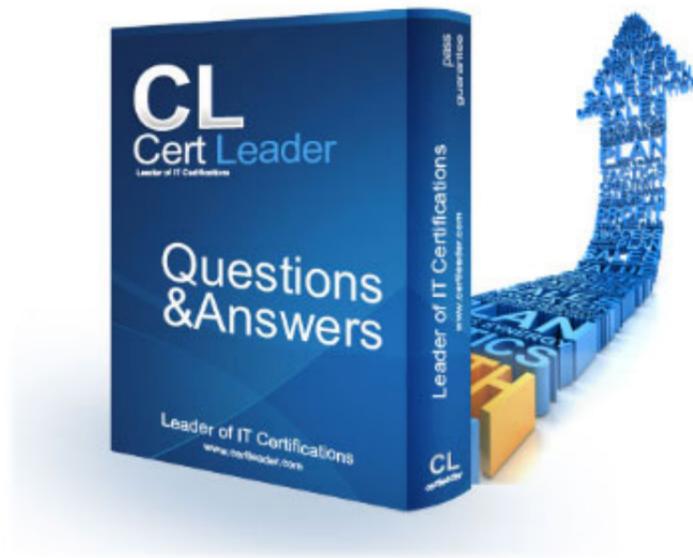


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NEW QUESTION 1

An administrator cannot enable multi-processor Fault Tolerance (SMP-FT) for a virtual machine. Which are two possible causes for this? (Choose two.)

- 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.
- D. The virtual machine has a 1TB VMDK attached.
- E. The virtual machine has snapshots present.

Answer: CE

NEW QUESTION 2

An administrator has multiple vCenter Server 6.5 systems but cannot enable Storage I/O Control (SIOC) on a datastore shared by ESXi hosts managed by the vCenter Server systems.

Which action should the administrator take to resolve the issue?

- A. Unmount the datastore and then enable SIOC on the vCenter Server system.
- B. Configure the datastore to be managed by a single vCenter Server system.
- C. Configure Storage DRS and then enable SIOC on the vCenter Server system.
- D. Enable Raw Device Mapping (RDM) on the ESXi hosts.

Answer: B

Explanation: Before enabling SIOC, ensure that datastores are managed by a single vCenter Server.

NEW QUESTION 3

Which three prerequisites must be in place prior to enabling secure boot for a virtual machine? (Choose three.)

- A. VirtualMachine.Config.Settings privileges
- B. an encrypted USB drive
- C. Virtual Hardware version 13 or later
- D. Virtual Hardware version 12 or later
- E. EFI firmware

Answer: ACE

NEW QUESTION 4

A domain user is able to successfully log into the vSphere Web Client, but notices that the vCenter Server system does not appear in the inventory. Which is the cause of this situation?

- A. The Service Control Agent service is not running.
- B. The vCenter Server does not have any hosts added to inventory yet.
- C. The domain user has read-only permissions on vCenter Server.
- D. The domain user does not have vCenter Server permissions.

Answer: D

Explanation: The vCenter Server system will not appear in the inventory if you do not have permissions on it. For example, if you log in as the vCenter Single Sign On administrator user, you might not have permissions on any vCenter Server system.

NEW QUESTION 5

In a vSphere 6.5 cluster, the administrator notices that it is possible to set a percentage in the DRS option, "Control CPU over-commitment in the cluster." Which is the purpose of this setting?

- A. It sets and enforces a maximum percentage of virtual machine CPU usage in GHz in comparison to physical CPU availability in GHz.
- B. It sets and enforces a maximum ratio in percentage between powered on virtual machine CPUs and available physical CPUs on hosts.
- C. It prevents the creation of any additional virtual machines in the cluster.
- D. It calculates the total shares assigned to all virtual machines in comparison to GHz of available physical CPU.

Answer: B

Explanation: <https://blogs.vmware.com/vsphere/2016/10/whats-new-in-vsphere-6-5-host-resource-management-and-operation-over-commitment>: This is an option to enforce a maximum vCPU:pCPU ratios in the cluster. Once the cluster reaches this defined value, no additional VMs will be allowed to power on."

NEW QUESTION 6

An administrator wants to upgrade ESXi 5.5 hosts to ESXi 6.5 using Update Manager. When performing a scan for baseline compliance, the host's status is marked Compliant.

Which has happened?

- A. Host must be version 6.0 in order to upgrade to 6.5.
- B. Host has some third-party software installed.
- C. Host has no upgrade baseline attached.

D. Host hardware is not supported for upgrade.

Answer: C

Explanation: <http://vmiss.net/2016/12/20/upgrading-esxi-using-vsphere-update-manager-6-5-on-the-vcenter-server-appliance/>

NEW QUESTION 7

An administrator has decided to use Auto Deploy in the environment.

Which two considerations must be taken into account before configuring Auto Deploy? (Choose two.)

- A. Hosts in a cluster must be connected to a Distributed Switch.
- B. Host profiles are not supported when using Auto Deploy.
- C. DHCP must be configured to support PXE boot.
- D. Storage DRS must be enabled.
- E. A TFTP server must be setup and running.

Answer: CE

NEW QUESTION 8

The administrator set Local OS as the default identity source of vCenter Single Sign-On. A user named "user1" belongs to domain "mydomain" and tries to log in to vCenter Single Sign-On.

Which two user names are appropriate to use for login? (Choose two.)

- A. user1\mydomain
- B. mydomain@user1
- C. mydomain\user1
- D. user1@vsphere.local
- E. user1@mydomain

Answer: CE

NEW QUESTION 9

When upgrading a standalone vCenter Single Sign-On Server version 5.5 to version 6.5, which will be the final deployment type?

- A. There is no option to do this type of upgrade.
- B. It will be an external Platform Services Controller.
- C. It will be an embedded Platform Services Controller with vCenter Server
- D. It will be a Standalone vCenter Server.

Answer: B

Explanation:

You can upgrade an externally deployed vCenter Single Sign-On 5.5 to an externally deployed Platform Services Controller 6.5 instance by using the vCenter Server for Windows installer.

NEW QUESTION 10

Using the vCenter Server Appliance 6.5, which two tools can be used to manage Auto Deploy deploy rules? (Choose two.)

- A. PowerCLI
- B. Plug-Ins available in the vCenter Server Appliance Shell
- C. vSphere Appliance Management UI
- D. vCenter Server Appliance BASH Shell
- E. Auto Deploy GUI in the vSphere Web Client

Answer: AE

Explanation: <https://blogs.vmware.com/vsphere/2015/05/configure-auto-deploy-rules-powercli.html>
<http://www.enterprisedaddy.com/2016/12/vsphere-6-5-auto-deploy-on-vcenter-server-6-5/>

NEW QUESTION 10

Which are two vCenter Server two-factor authentication methods? (Choose two.)

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

Answer: AB

NEW QUESTION 13

An administrator has enabled vSphere Distributed Switch Health Check. The hosts connected to that Distributed Switch all display an alert:

vSphere Distributed Switch MTU supported status

The administrator has all of the VMkernel ports MTU sizes set to 1600. Which action will remedy this problem?

- A. Configure the Distributed Switch to MTU 9100.
- B. Disconnect and reconnect the physical network cable.
- C. Configure the physical switch to MTU 1600.
- D. Disable the Distributed Switch MTU.

Answer: C

NEW QUESTION 16

Which is true when assigning global permissions in a single vSphere Single Sign-On domain in a multi-site configuration?

- A. Users assigned global permissions will be able to access objects and solutions across all Single Sign-On domains in an organization.
- B. Users assigned global permissions will be able to access objects and solutions only in the same Single Sign-On site.
- C. Users assigned global permissions will have administrator access across all objects and solutions in a Single Sign-On domain.
- D. Users assigned global permissions will be able to access objects and solutions within that SingleSign-On domai

Answer: D

Explanation:

Global permissions are applied to a global root object that spans solutions, for example, both vCenter Server and vCenter Orchestrator. Use global permissions to give a user or group privileges for all objects in all object hierarchies. Each solution has a root object in its own object hierarchy. The global root object acts as a parent object to each solution object. You can assign global permissions to users or groups, and decide on the role for each user or group. The role determines the set of privileges. You can assign a predefined role or create custom roles.

NEW QUESTION 17

An administrator is using virtual machine encryption in their vSphere 6.5 environment. The Key Management Server (KMS) has experienced a critical failure. Which two statements are true about VM encryption when the KMS is not available? (Choose two.)

- A. VMs will shut down gracefully in the event of a KMS outage as a proactive measure to prevent data theft.
- B. VMs which were running at the time of the KMS failure will continue to run.
- C. If an ESXi host is rebooted, it will be unable to power on encrypted VMs until KMS connectivity is restored.
- D. vCenter Server will continue to distribute encryption keys as long as it is not rebooted while the KMS is unreachable.
- E. ESXi hosts within the same cluster will share keys with one another while the KMS is unreachable.

Answer: BC

Explanation: If the KMS is unreachable, the VMs running at the time of KMS failure will continue to run. Another fact is if an ESXi host is rebooted, it will not power on encrypted VMs until KMS connectivity is fully restored.

NEW QUESTION 22

In which scenario will vSphere DRS balance resources when set to Fully Automated?

- A. Hosts with shared or non-shared storage
- B. Hosts with only shared storage
- C. Hosts are part of a vSphere HA cluster
- D. Power Management is set to Balanced on hosts

Answer: B

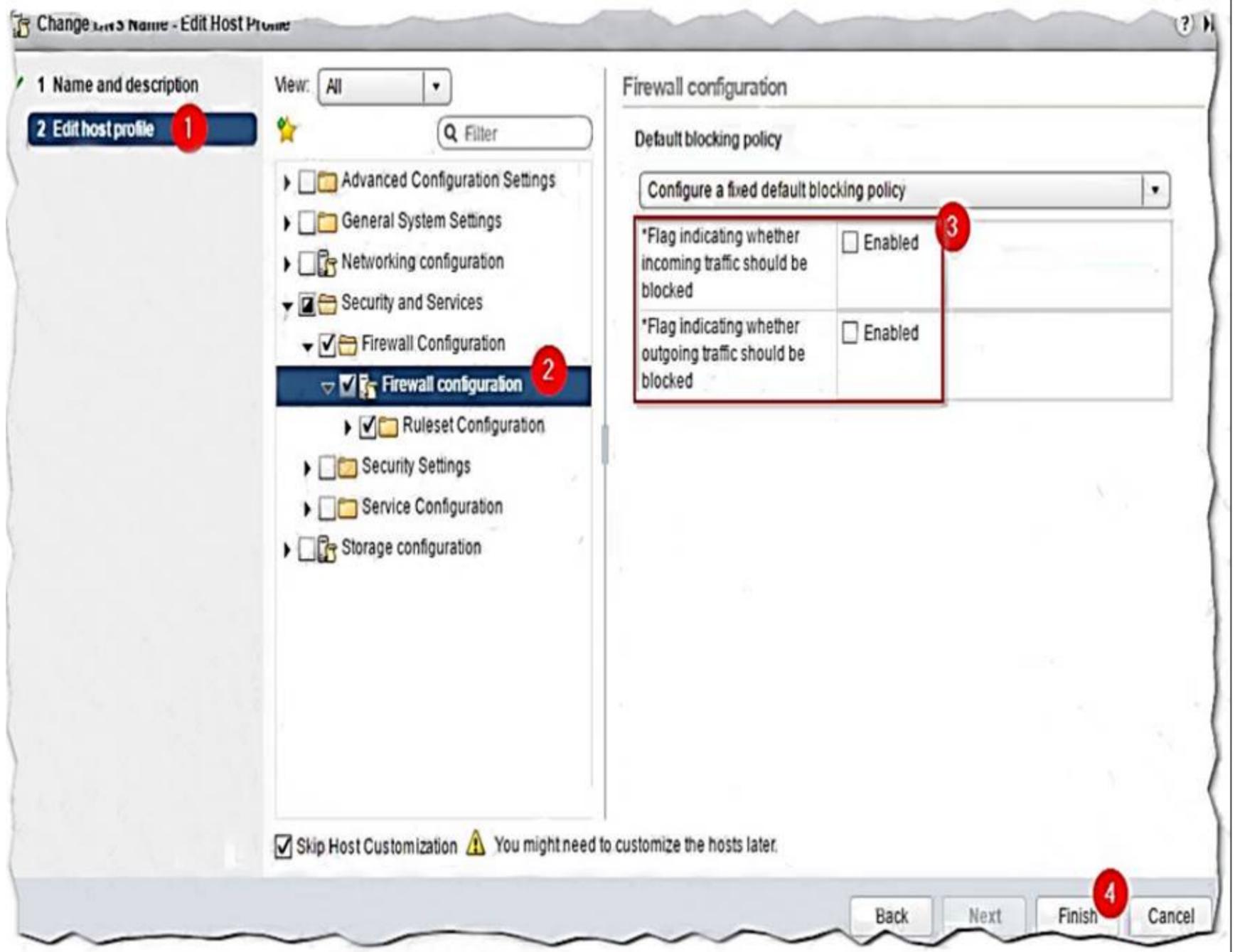
NEW QUESTION 26

Which Host Profile Subprofile configuration is used to configure firewall settings for ESXi hosts?

- A. Advanced Configuration Settings
- B. General System Settings
- C. Security
- D. Networking

Answer: C

Explanation:



NEW QUESTION 27

Which two statements are true about Permanent Device Loss (PDL)? (Choose two.)

- A. All paths are shown as Dead for the affected device.
- B. The datastore cluster is incorrectly configured.
- C. The datastore on the affected device shown a yellow warning sign.
- D. The datastore on the affected device shows a red error sign.
- E. The operational state of the affected device changes to Lost Communication.

Answer: AE

NEW QUESTION 32

An administrator wants to ensure that any virtual machine added to a certain port group always has sufficient network resources. Network I/O Control version 3 has been enabled on the Distributed Switch.

Which three steps will achieve this objective? (Choose three.)

- A. Reserve bandwidth for virtual machine system traffic on the Distributed Switch Port Group.
- B. Edit the virtual machine's Resource settings and set a reservation for virtual machine system traffic.
- C. Create a Network Resource Pool on the Distributed Switch and set a reservation quota.
- D. Reserve bandwidth for virtual machine system traffic on the Distributed Switch.
- E. Add the Network Resource Pool on the Distributed Switch Port Group.

Answer: CDE

NEW QUESTION 35

When installing vCenter Converter Standalone, why must an administrator perform a client-server installation instead of a local installation?

- A. to manage conversion tasks remotely
- B. to convert virtual machines as well as physical machines
- C. to allow installation of the Converter agent on remote source machines
- D. to hot clone physical or virtual machines

Answer: A

NEW QUESTION 37

It is determined that the Migration Assistant will be used to migrate from vCenter Server 5.5 on Windows with an external instance of Update Manager to a vCenter Server Appliance 6.5.

Which option is correct in regard to migrating Update Manager?

- A. The Migration Assistant must be run on vCenter Server first and then on the Update Manager server.
- B. The Migration Assistant must be run on the Update Manager server first and then on vCenter Server.
- C. Migrating Update Manager from legacy versions of vCenter Server to a vCenter Server Appliance 6.5 is not supported.
- D. The Migration Assistant can only migrate local instances of Update Manager to the vCenter Server Appliance 6.5.

Answer: B

NEW QUESTION 40

An administrator is troubleshooting network communications between a vCenter Server and an ESXi 6.5 host. 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

NEW QUESTION 42

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

- A. The Linux machine must be powered off.
- B. The Linux machine must have the SSH daemon started.
- C. The Linux machine must use a static IP address.
- D. The Linux machine must have a fully-qualified domain name.

Answer: B

Explanation: Ports used when converting a powered on machine running Linux

Table contains a list of the ports that must be open during the conversion of powered on source machines running Linux.

Ports required during Linux P2V

Communication Path	TCP Ports	Notes
Converter Standalone server to powered on source machine	22	Used to establish an SSH connection between the Converter Standalone server and the source machine.
Converter Standalone client to Converter Standalone server	443	Required only if the Converter Standalone server and client components are on different machines.
Converter Standalone server to vCenter server	443	Required only if the conversion destination is a vCenter Server.
Converter Standalone server to ESX/ESXi	443, 902	If the conversion destination is a vCenter Server, only port 902 is required.
Converter Standalone server to helper virtual machine	443	
Helper virtual machine to powered on source machine	22	Used to establish an SSH connection between the helper virtual machine and the source machine. By default, the IP address of the helper virtual machine is assigned by DHCP. If no DHCP server is available on the destination network, you must manually assign the helper virtual machine an IP address.

NEW QUESTION 46

When performing a vCenter Server 5.5 for Windows with Microsoft SQL Server Express database migration to vCenter Server Appliance 6.5, which will be the target database?

- A. Microsoft SQL Server Express 2012R2

- B. Microsoft SQL Server Standard 2012R2
- C. PostgreSQL
- D. Oracle DB 11g

Answer: C

Explanation: To perform vcenter server 5.5 for Windows with Microsoft SQL server express database migration to vcenter server appliance 6.5, you need PostgreSQL database installation on Windows.

NEW QUESTION 51

When enabling Storage DRS on a datastore cluster, which three components are enabled as a result? (Choose three.)

- A. Space load balancing among datastore within the datastore cluster.
- B. Initial placement for virtual disks based on space and I/O workload.
- C. I/O load balancing among datastores within the datastore cluster.
- D. Queue Depth alerting on disks within the datastore cluster.
- E. Data de-duplication within the datastore cluster.

Answer: ABC

Explanation: When you enable Storage DRS, you enable the following functions:

NEW QUESTION 52

To enable Predictive DRS, which three steps must be taken? (Choose three.)

- A. vRealize Log Insight must be enabled and configured to watch for Predictive DRS moves.
- B. The corresponding virtual machines must be tagged for Predictive DRS use.
- C. A supported version of vRealize Operations Manager must be configured and enabled.
- D. The Predictive DRS check box must be enabled.
- E. DRS must be enabled.

Answer: CDE

NEW QUESTION 56

Which are the two network requirements for a VMware vSAN 6.5 cluster? (Choose two.)

- 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.
- E. vSAN requires IPv4 only.

Answer: AD

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AFF133BC-F4B>
<http://cormachogan.com/2014/01/21/vsan-part-15-multicast-requirement-for-networking-misconfiguration-detec>

NEW QUESTION 59

Which iSCSI initiator type can be used with any network interface card?

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

Answer: A

Explanation: 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.

NEW QUESTION 62

Which is the purpose of VM Component Protection (VMCP)?

- A. Reconnect virtual NICs that become disconnected
- B. Respond when a datastore encounters a PDL or APD failure.
- C. Restart applications when they are no longer running.
- D. Respond when viruses are detected inside a virtual machine.

Answer: B

NEW QUESTION 63

An administrator is attempting to enable Fault Tolerance on a virtual machine but the operation does not complete successfully. Which could be two reasons for this? (Choose two.)

- A. The virtual machine has more than 1 vCPU.
- B. The virtual machine has uncommitted snapshots.
- C. vSphere HA is disabled for this virtual machine.
- D. The virtual machine is located on vSAN storage.
- E. The virtual machine has over 32GB of memory assigned.

Answer: BC

Explanation: A number of validation checks are performed on a virtual machine before Fault Tolerance can be turned on.

NEW QUESTION 64

Which two situations could cause a virtual machine to appear with (orphaned) appended to its name? (Choose two.)

- A. if a host failover is unsuccessful
- B. if a virtual machine was removed from vCenter Server's inventory
- C. if a virtual machine was deployed from template, and the template has been deleted
- D. if a virtual machine is unregistered directly on the host

Answer: AD

NEW QUESTION 66

A company has requested that a plan for Auto Deploy be built using VMware-recommended best practices for networking. Which two considerations adhere to VMware-recommended networking best practices for Auto Deploy? (Choose two.)

- A. Using IPv4 as Auto Deploy will be able to boot hosts with a legacy BIOS.
- B. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not supported.
- C. Using VLANs on the management network as it offers increased performance while hosts are booting.
- D. Using IPv6 as Auto Deploy will be able to boot hosts with a legacy BIOS and UEFI.
- E. Using DHCP reservations for address allocations because providing fixed IP addresses through host customization is not recommended.

Answer: AE

Explanation: PXE booting with legacy BIOS firmware is possible only over IPv4. PXE booting with UEFI firmware is possible with either IPv4 or IPv6. Use DHCP reservations for address allocation. Fixed IP addresses are supported by the host customization mechanism, but providing input for each host is not recommended

NEW QUESTION 70

What are three considerations when booting ESXi host from SAN using software FCoE? (Choose three.)

- A. The VMware_FCoE_vSwitch that the installer automatically created cannot be changed.
- B. Boot LUN cannot be shared with other hosts even on shared storage.
- C. Multipathing is not supported at pre-boot.
- D. Software FCoE boot configuration cannot be changed from within ESXi

Answer: BCD

Explanation: <https://kb.vmware.com/s/article/2032363>

NEW QUESTION 72

Which feature of vSphere networking protects hosts from losing connection to vCenter Server as a result of misconfiguration of the management network?

- A. NIC Teaming
- B. Private VLAN
- C. Rollback
- D. Health Check

Answer: C

Explanation: By rolling configuration changes back, vSphere protects hosts from losing connection to vCenter Server as a result from misconfiguration of the management network.

NEW QUESTION 75

ESXi hosts with 10Gbps network cards are attached to a distributed switch. The administrator has upgraded to NIOC3 and wants to allow vMotion traffic to use as much bandwidth as possible but must ensure that other services always have sufficient bandwidth. How can this be done?

- A. Configure shares on the distributed switch for the vMotion traffic type.
- B. Configure limits on the distributed switch on the vMotion traffic type.
- C. Associate vMotion traffic with a network resource pool and use CoS tagging.
- D. Set shares on user-defined network resource pool and associate it with vMotion traffic.

Answer: A

Explanation: From the Shares drop-down menu, edit the share of the traffic in the overall flow through a physical adapter. Network I/O Control applies the configured shares when a physical adapter is saturated.

NEW QUESTION 79

In vSphere 6.5, a virtual machine is thinly-provisioned on a VMFS6 datastore. The administrator deleted a large file within the guest OS. The freed blocks in the datastore are no longer needed by the VM.

Which feature in vSphere 6.5 allows the backing storage to automatically reclaim the freed blocks?

- A. ATS
- B. Defrag
- C. UNMAP
- D. Auto Reclaim

Answer: C

Explanation: VAAI UNMAP was introduced in vSphere 5.0 to allow the ESXi host to inform the backing storage that files or VMs had been moved or deleted from a Thin Provisioned VMFS datastore. This allowed the backing storage to reclaim the freed blocks. There was no way of doing this previously, resulting in many customers with a considerable amount of stranded space on their Thin Provisioned VMFS datastores.

NEW QUESTION 81

Which two partitions are used for the VMware vCenter Server Appliance embedded vPostgres database? (Choose two.)

- A. /storage/seat/
- B. /storage/netdump/
- C. /storage/db/
- D. /storage/core/

Answer: AC

Explanation:

VMDK6	10GB	/storage/db	VMware Postgres database storage location
VMDK7	5GB	/storage/dblog	VMware Postgres database logging location
VMDK8	10GB	/storage/seat	Stats, Events, Alarms and Tasks (SEAT) directory for VMware Postgres

NEW QUESTION 82

Which two components are necessary for the first boot of a host using Auto Deploy? (Choose two.)

- A. Host Profiles
- B. Bulk licensing
- C. vSphere Authentication Proxy
- D. TFTP
- E. DHCP

Answer: DE

NEW QUESTION 83

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?

- A. 100 milliseconds
- B. 150 milliseconds
- 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 (RTT) lets you migrate virtual machines to another geographical location at a longer distance.

NEW QUESTION 84

Which is the maximum number of block devices (LUNs) that are supported by ESXi hosts that are running version 6.5?

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

Answer: B

NEW QUESTION 85

Which are two Storage DRS requirements? (Choose two.)

- A. Datastore clusters must have datastores of the same size and I/O capacities.
- B. NFS and VMFS datastores cannot be combined in the same datastore cluster.
- C. Datastores shared across multiple datacenters cannot be included in a datastore cluster.
- D. NFS and vSAN datastores can be combined in the same datastore clusters.
- E. A dedicated TCP/IP stack is required for datastore clusters.

Answer: BC

NEW QUESTION 87

An administrator is investigating virtual machine performance issues using ESXTOP. The ESXi host does not have hyperthreading enabled. Which statistics would be relevant for troubleshooting VM performance issues?

- A. %RDY
- B. %IDLE
- C. %RUN
- D. CORE UTIL(%)

Answer: A

NEW QUESTION 92

An administrator has recently upgraded from vSphere 6.0 to 6.5, and can no longer see the software iSCSI named vmhba33. Which could be the reason for this?

- A. The upgrade has changed the vmhba name.
- B. vSphere 6.5 automates iSCSI configurations.
- C. vSphere 6.5 no longer supports software iSCSI.
- D. The upgrade has deleted the vmhba.

Answer: A

NEW QUESTION 93

Which two encryption keys does the host use when encrypting virtual machine files? (Choose two.)

- A. Public Key Infrastructure Encryption Key (PKI)
- B. Master Encryption Key (MEK)
- C. Data Encryption Key (DEK)
- D. Key Encryption Key (KEK)

Answer: CD

NEW QUESTION 98

VCSA backup can be backed up and sent to different location via several different protocols. Which are three of the supported protocols? (Choose three.)

- A. CIFS
- B. SCP
- C. HTTP
- D. FTPS
- E. AFP

Answer: BCD

NEW QUESTION 99

A vSphere administrator wants to upgrade NFS3 datastores to NFS4.1 on ESXi 6.5 hosts with running production virtual machines. Which option is valid?

- A. Run ESXi command to upgrade the datastore.
- B. Unmount the datastore from a single host, then mount it as NFS 4.1 datastore, and repeat this one host at a time until the mount has been upgraded on all hosts.
- C. Create a new NFS 4.1 datastore, and then use Storage vMotion to migrate virtual machines from the old datastore to the new one.
- D. Right click the datastore and upgrade it as a NFS 4.1 datastore.

Answer: C

NEW QUESTION 100

During Fibre Channel adapter setup of a ESXi host, which configuration guideline should be considered?

- A. Do not mix Fibre Channel adapter models to access the same LUN from a single host unless the default queue depth has been changed.
- B. Do not mix Fibre Channel adapters from different vendors in a single host.
- C. Use Fibre Channel adapters from different vendors in a single host.
- D. Set the queue depth to 16 if using a mix of different vendors' Fibre Channel adapters in all hosts in the cluster.

Answer: B

Explanation: Do not mix FC HBAs from different vendors in a single host. Having different models of the same HBA is supported, but a single LUN cannot be accessed through two different HBA types, only through the same type.

NEW QUESTION 104

A cluster with two resource pools named RP-PROD and RP-DEV is configured based on custom requirements. A vSphere administrator temporarily disables DRS for this cluster.

Upon re-enabling DRS, how would the resource pool configuration have changed?

- A. Both resource pools still exist, but their shares have been reverted to the default share values.
- B. Nothin
- C. Everything has stayed the same.
- D. Both resource pools no longer exist and all virtual machines that resided in the resource pools now reside under the hosts in the cluster.
- E. Both resource pools exist, but all virtual machines that resided in the resource pools now reside under the hosts in the cluster.

Answer: C

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.resmgmt.doc/GUID-2117087C-7418-4>

NEW QUESTION 106

Which two permissions are required to migrate a virtual machine with Storage vMotion? (Choose two.)

- A. Network > Move Network
- B. Virtual Machine > Inventory > Move
- C. Resource > Migrate powered on virtual machine
- D. Datastore > Allocate Space

Answer: CD

Explanation: You require these permissions to perform Storage vMotion from the Remote Command Line Interface (RCLI): Resource: https://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1011345

NEW QUESTION 108

An administrator is in the process of deploying a new ESXi host.

-The host is able to be added to the vCenter Server's inventory, but after a short period of time it shows as disconnected.

-The administrator is able to reconnect the host but it then disconnects again after a short period of time. Which is the problem?

- A. Port 902 UDP from the host to the vCenter Server is blocked
- B. Port 443 TCP from the host to the vCenter Server is blocked
- C. Port 902 TCP from the host to the vCenter Server is blocked
- D. Port 443 TCP from the vCenter Server to the host is blocked

Answer: A

Explanation: On 902 port managed hosts send a regular heartbeat to the vCenter Server system. This port must not be blocked by firewalls between the server and the hosts or between hosts.

NEW QUESTION 111

Which is the predefined user name when publishing a Content Library?

- A. admin
- B. root
- C. administrator
- D. vcsp

Answer: D

NEW QUESTION 115

Which is the minimum number of hosts required for a VMware vSAN cluster to be able to apply a vSAN RAID5 storage policy?

- A. six hosts
- B. three hosts
- C. four hosts
- D. five hosts

Answer: C

NEW QUESTION 118

Which is required for configuring iSCSI Software Adapter network port binding?

- 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.

Answer: D

NEW QUESTION 122

An administrator wants to enable VMware Fault Tolerance on a virtual machine. Which two vSphere features are supported with Fault Tolerance? (Choose two.)

- A. VM Component Protection
- B. vSphere HA
- C. Storage DRS
- D. Snapshots

Answer: BC

NEW QUESTION 126

An administrator wishes to enable network port mirroring based on source port. Which feature should be enabled?

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

Answer: B

Explanation: Support for ERSPAN

ERSPAN mirrors traffic on one or more “source” ports and delivers the mirrored traffic to one or more “destination” ports on another switch. vSphere 6.5 includes support for the ERSPAN protocol.

NEW QUESTION 130

Which setting will allow a virtual machine to have direct secure access to an RDM?

- A. NIOC
- B. NPV
- C. NPIV
- D. CPUID Mask

Answer: C

NEW QUESTION 132

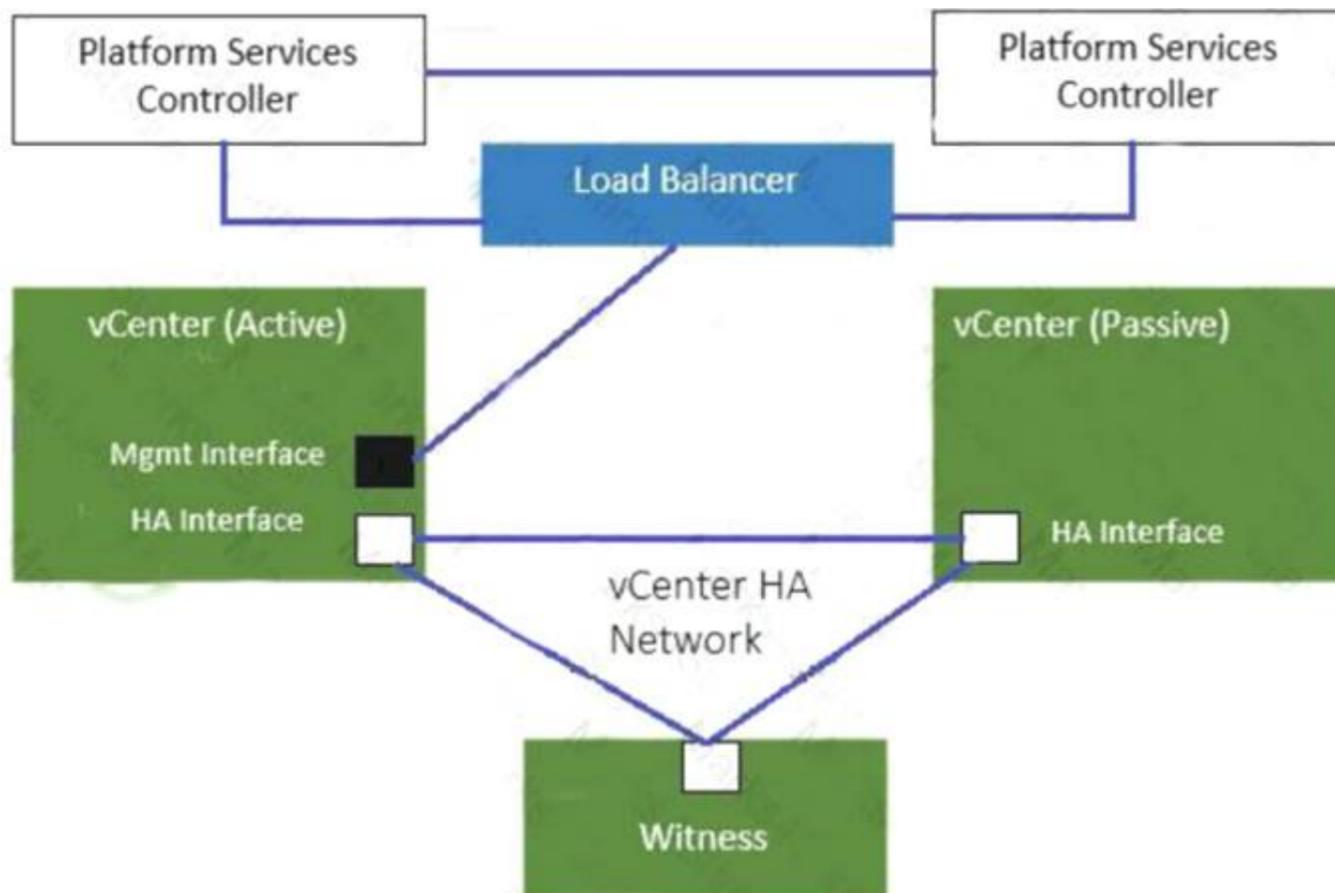
Which is the minimum vSphere Distributed Switch version needed to support Network Health Check?

- A. 6.5
- B. 5.1
- C. 4.1
- D. 5.5

Answer: B

NEW QUESTION 135

View the Exhibit. The exhibit represents a vCenter HA with external Platform Services Controllers in a highly available deployment. How many vCenter Server 6.5 licenses are required?



- A. 5
- B. 3
- C. 2
- D. 1

Answer: D

NEW QUESTION 137

Which port is used for vSphere HA agent-to-agent communication?

- A. 902
- B. 443
- C. 8182
- D. 22

Answer: C

NEW QUESTION 138

An administrator notices that a host is evacuating all virtual machines and entering maintenance mode even though the host appears to be up and running. Which new feature in vSphere 6.5 would cause this?

- A. Predictive DRS
- B. EVC Mode
- C. vCenter HA
- D. Proactive HA

Answer: D

Explanation: There are two vSphere Proactive HA Automation Levels:

Manual: vCenter Server will suggest only the migration recommendations for virtual machines. You need to manually migrate the virtual machines out from the degraded hosts.

Automated: Virtual Machines will be migrated to healthy hosts and degraded hosts will be entered into remediation action either quarantine or maintenance mode depending on the configured Proactive HA automation level

NEW QUESTION 142

Which is the correct order for upgrading vSphere components?

- 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: Correct order is:

- 1 Back up your configuration
- 2 Upgrade vCenter Server
- 3 Upgrade ESXi hosts
- 4 Upgrade virtual machines and virtual appliances

NEW QUESTION 146

An administrator has upgraded to vSphere 6.5 and also wants to use Kerberos authentication for NFS. Which can be done to the existing NFSv3 volumes to enable this feature?

- A. Perform a storage rescan on VMFS volumes.
- B. Unmount the NFSv3 datastore, and then mount as NFSv4.1 datastore.
- C. Nothin
- D. All NFSv3 mounted datastores are upgraded automatically during vSphere upgrades.
- E. Perform a scan of new storage devices.

Answer: B

Explanation: vSphere does not support automatic datastore conversions from NFS version 3 to NFS 4.1. If you want to upgrade your NFS 3 datastore, the following options are available:

NEW QUESTION 147

Which three are supported upgrade processes for ESXi host? (Choose three.)

- A. using vSphere Auto Deploy
- B. using a TFTP server
- C. using Update Manager
- D. using an ESXCLI command
- E. installing from CIFS share

Answer: ACD

NEW QUESTION 149

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: BD

Explanation: Not correct:

- A) Local Windows OS users and groups are not migrated to the Photon OS of the vCenter Server Appliance 6.5.
- C) Migration of deployments that use custom ports for services other than Auto Deploy, Update Manager, and vSphere ESXi Dump Collector are not supported.
- E) By default, the configuration and inventory data of the Windows vCenter Server is migrated. The option to copy historical and performance data is also available.

NEW QUESTION 151

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 512K
- D. large file blocks are 64MB.
- E. Small file blocks are 1MB, large file blocks are 512MB.

Answer: D

NEW QUESTION 152

An administrator notices that a virtual machine running SQL Server is not performing as expected. Upon checking the logs, the administrator sees the following error:

```
vmware.log> vmx| W110: NUMA and VCPU hot add are incompatible. Forcing UMA How can the administrator resolve this issue?
```

- A. Power off the virtual machine and disable vCPU hot plug.
- B. Reinstall VMware Tools.
- C. Modify the .vmx file to force NUMA and vCPU hot add to function.
- D. Install a third party plug-in to enable NUMA and vCPU hot add to function.

Answer: A

NEW QUESTION 157

Which command will start all services on a vCenter Server Appliance?

- A. /etc/init.d/hostd start
- B. services.sh restart
- C. service-control - -start -- all
- D. service vmware - - vpxd start

Answer:

C

NEW QUESTION 159

An administrator wants to create and use a vApp.

Which pre-requisite must be met before the administrator can create a vApp?

- A. The vApp can only be deployed in an EVC enabled cluster.
- B. The vApp must be created within a StorageDRS cluster.
- C. Non
- D. vSphere 6.5 does not support vApp deployments.
- E. The vApp can only be created in a DRS enabled cluster.

Answer: D

Explanation: You need to turn on Vsphere DRS to create vApp.

NEW QUESTION 161

Which two datastore types are supported by Storage I/O Control v2? (Choose two.)

- A. vSAN
- B. RDM
- C. NFS
- D. Virtual Volumes
- E. VMFS

Answer: CE

NEW QUESTION 166

A user is given the "Virtual machine user (sample)" role in a vSphere 6.x environment. Which three permissions would the user be able to perform? (Choose three.)

- A. Reset a virtual machine.
- B. Power on a virtual machine.
- C. Move a host into a cluster.
- D. Configure CD media.
- E. Migrate a virtual machine with Storage vMotion.

Answer: ABD

Explanation: With virtual machine user sample role, you can reset a virtual machine, power on a VM, and configure CD media. All other roles are for the administrator to perform.

NEW QUESTION 167

Which two datapoints does VM Monitoring evaluate before resetting a virtual machine? (Choose two.)

- A. High CPU activity on the VM
- B. High CPU activity on the ESXi host running the VM
- C. Heartbeats sent from VMware Tools
- D. High memory utilization on the VM
- E. I/O activity

Answer: CE

NEW QUESTION 171

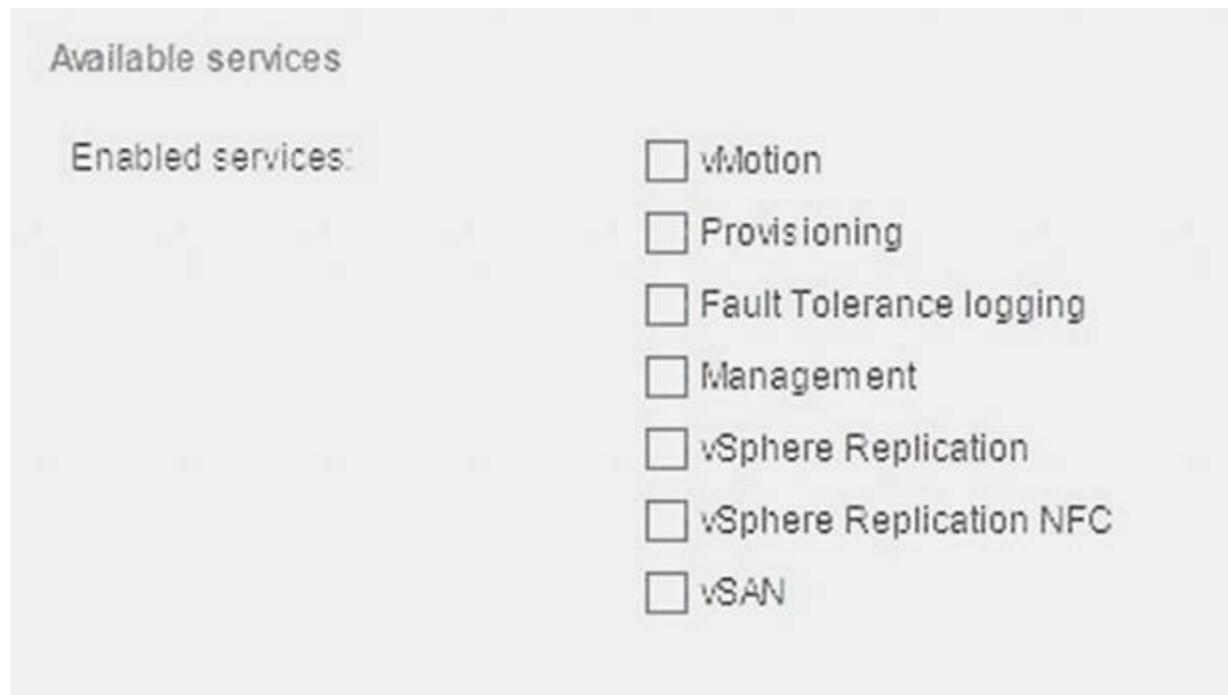
An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.

Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.)

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

Answer: ACE

Explanation:



NEW QUESTION 176

Which CLI command shows the physical uplink status for a vmnic?

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

Answer: D

Explanation: View the current vSwitch configuration and vmkernel interface configuration using these commands:

NEW QUESTION 179

A new virtual machine cannot reach its default gateway.

- The vSphere administrator checks that the virtual machine's vmnic is connected to the correct portgroup, and that the portgroup is on the correct virtual switch
- This is the only virtual machine on this portgroup
- Other virtual machines that are on the host and connected to the same Distributed switch are running as normal
- The Distributed Switch has only one uplink Which could be the cause of this issue?

- A. Block All Ports has been selected on the Distributed Switch.
- B. The wrong VLAN ID has been added to the portgroup.
- C. The VLAN has not been configured in virtual machine hardware settings.
- D. The physical adapter is down.

Answer: B

Explanation: The default gateway is an entry point and an exit point in a virtual machine sub-net, VLAN, or network. In general, a gateway is a routing device that knows how to pass traffic between different subnets and networks.

Layer 2 and layer 3 switches with VLAN configuration allow IP assignment to each VLAN that will be used as default gateway as for that particular VLAN. A router contains routes for other subnets. Therefore, the problem occurs when wrong VLAN ID is added to the portgroup.

Topic 2, Exam Set B

NEW QUESTION 184

Two sibling resource pools named RP-CHILD-A and RP-CHILD-B have these configurations:

- RP-CHILD-A has an expandable reservation and memory shares set to '2000' with 10 VMs, each with 4GB of RAM
 - RP-CHILD-B has an expandable reservation and memory shares set to '4000' with 30 VMs, each with 4GB of RAM
- Which statement is true during times of memory contention?

- A. VMs in RP-CHILD-B will have the same number of shares as in RP-CHILD-A
- B. VMs in RP-CHILD-A will not use shares to allocate resources
- C. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-A will ALWAYS have more shares per VM than RP-CHILD-B
- D. As long as no additional VMs are added to either resource pool, VMs in RP-CHILD-B will ALWAYS have more shares per VM than RP-CHILD-A

Answer: C

NEW QUESTION 187

Which three source object types are available for subscription when creating a subscribed content library in vSphere 6.5? (Choose three.)

- A. CIFS repository
- B. vSphere 6 library
- C. HTTP server

- D. vCD 5.5 catalog
- E. 3rd-party library

Answer: BDE

NEW QUESTION 191

In vCenter Server 6.5, which two host states can be configured as remediation steps with Proactive HA? (Choose two.)

- A. Maintenance mode
- B. Disconnected
- C. Powered off
- D. Standby mode
- E. Quarantine mode

Answer: AE

Explanation: Proactive HA Failures

A Proactive HA failure occurs when a host component fails, which results in a loss of redundancy or a noncatastrophic failure. However, the functional behavior of the VMs residing on the host is not yet affected.

For example, if a power supply on the host fails, but other power supplies are available, that is a Proactive HA failure.

If a Proactive HA failure occurs, you can automate the remediation action taken in the vSphere Availability section of the vSphere Web Client. The VMs on the affected host can be evacuated to other hosts and the host is either placed in Quarantine mode or Maintenance mode.

References:

NEW QUESTION 195

Restoration of the vCenter Server Appliance is accomplished using which interface?

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

Answer: D

NEW QUESTION 198

What three options can improve network performance for a virtual machine? (Choose three.)

- A. MLD
- B. TSO
- C. NetFlow
- D. LRO
- E. SR-IOV

Answer: BDE

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-78A92BE1-890>

<https://kb.vmware.com/s/article/2055140>

https://en.wikipedia.org/wiki/Multicast_Listener_Discovery

NEW QUESTION 201

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.

What would be the statistics level?

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

Answer: D

NEW QUESTION 205

What is the maximum supporter number of vCPU per VM in VMware vSphere 6.5?

- A. 246
- B. 128
- C. 64
- D. 32

Answer: B

Explanation: <https://www.vmware.com/pdf/vsphere6/r65/vsphere-65-configuration-maximums.pdf>

NEW QUESTION 206

Which feature facilitates the sharing of templates via vCenter Server?

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

Answer: C

Explanation: Content libraries are container objects for VM templates, vApp templates, and other types of files. vSphere administrators can use the templates in the library to deploy virtual machines and vApps in the sphere inventory. Sharing templates and files across multiple vCenter Server instances in same or different locations brings out consistency, compliance, efficiency, and automation in deploying workloads at scale.

NEW QUESTION 210

Which two statements are true for NFS v4.1 firewall behavior? (Choose two.)

- A. It closes port 2049.
- B. It opens port 2049.
- C. It sets allowedAll flag to TRUE.
- D. It sets allowedAll flag to FALSE.

Answer: BC

Explanation: NFS v4.1 Firewall Behavior

When you mount the first NFS v4.1 datastore, ESXi enables the nfs41client rule set and sets its allowedAll flag to TRUE. This action opens port 2049 for all IP address. Unmounting an NFS v4.1 datastore does not affect the firewall state. That is, the first NFS v4.1 mount opens port 2049 and that port remains enabled unless you close it explicitly.

	Label	Incoming Ports	Outgoing Ports	Protocols	Daemon
<input checked="" type="checkbox"/>	SynologyNasPlugin	2049	2049,111	TCP,UDP	N/A

NEW QUESTION 211

When using VMware Converter to import a Windows server and improve the consistency of the destination virtual machine, which optional step can be performed immediately prior to powering down the source server?

- A. Uninstall production applications.
- B. Perform a final synchronization task.
- C. Remove the server from the Active Directory domain.
- D. Remove the server from the network.

Answer: B

NEW QUESTION 216

An administrator wants to enable proactive HA by moving virtual machines automatically if a hardware alert is triggered. What are the three required settings? (Choose three.)

- A. Turn on vSphere HA and vSphere DRS.
- B. Set the Proactive HA Automation Level to Manual.
- C. Set vSphere DRS Automation to Partially Automated.
- D. Turn on Proactive HA.
- E. Set the Proactive HA Automation Level to Automated.

Answer: ACD

NEW QUESTION 217

In what two ways can Storage DRS load balance virtual machines? (Choose two).

- A. virtual storage controller
- B. I/O latency
- C. anti-affinity rules
- D. guest OS family

Answer: BC

NEW QUESTION 220

Which two storage configurations on the source server are unsupported with VMware Converter? (Choose two.)

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

Answer: CD

NEW QUESTION 221

ESXi 6.5 introduces VMFS6, which supports both 512e and 512n devices.

What three configurations are supported when using these devices? (Choose three.)

- A. Hosts with both 512e and 512n devices.
- B. Storage vMotion between both 512e and 512n devices.
- C. Datastore Extents spanned between both 512e and 512n devices.
- D. Storage DRS clusters containing only both 512e and 512n devices.

Answer: ABD

Explanation: VMFS can host both 512e and 512n devices. It also supports storage vMotion between 512e and 512n devices. In addition to that DRS clusters can contain both 512e and 512n devices at the same time.

NEW QUESTION 222

How can a vSphere administrator ensure that a set of virtual machines run on different hosts in a DRS cluster?

- A. Add the VMs to a vApp.
- B. Use a VM-Host affinity rule.
- C. Place the VMs in different folders.
- D. Use a VM-VM affinity rule.

Answer: D

NEW QUESTION 225

Which is the correct sequence to upgrade a vSphere infrastructure?

- A. vCenter Server > ESXi host > VMware Tools > VM compatibility
- B. vCenter Server > ESXi host > VM compatibility > VMware Tools
- C. ESXi host > vCenter Server > VMware Tools > VM compatibility
- D. ESXi host > vCenter Server > VM compatibility > VMware Tools

Answer: A

NEW QUESTION 226

What is the logical and physical sector size for 512e disks?

- A. Logical Sector Size 512 Physical Sector Size 512
- B. Logical Sector Size 512 Physical Sector Size 4096
- C. Logical Sector Size 4096 Physical Sector Size 4096
- D. Logical Sector Size 2048 Physical Sector Size 512

Answer: B

NEW QUESTION 227

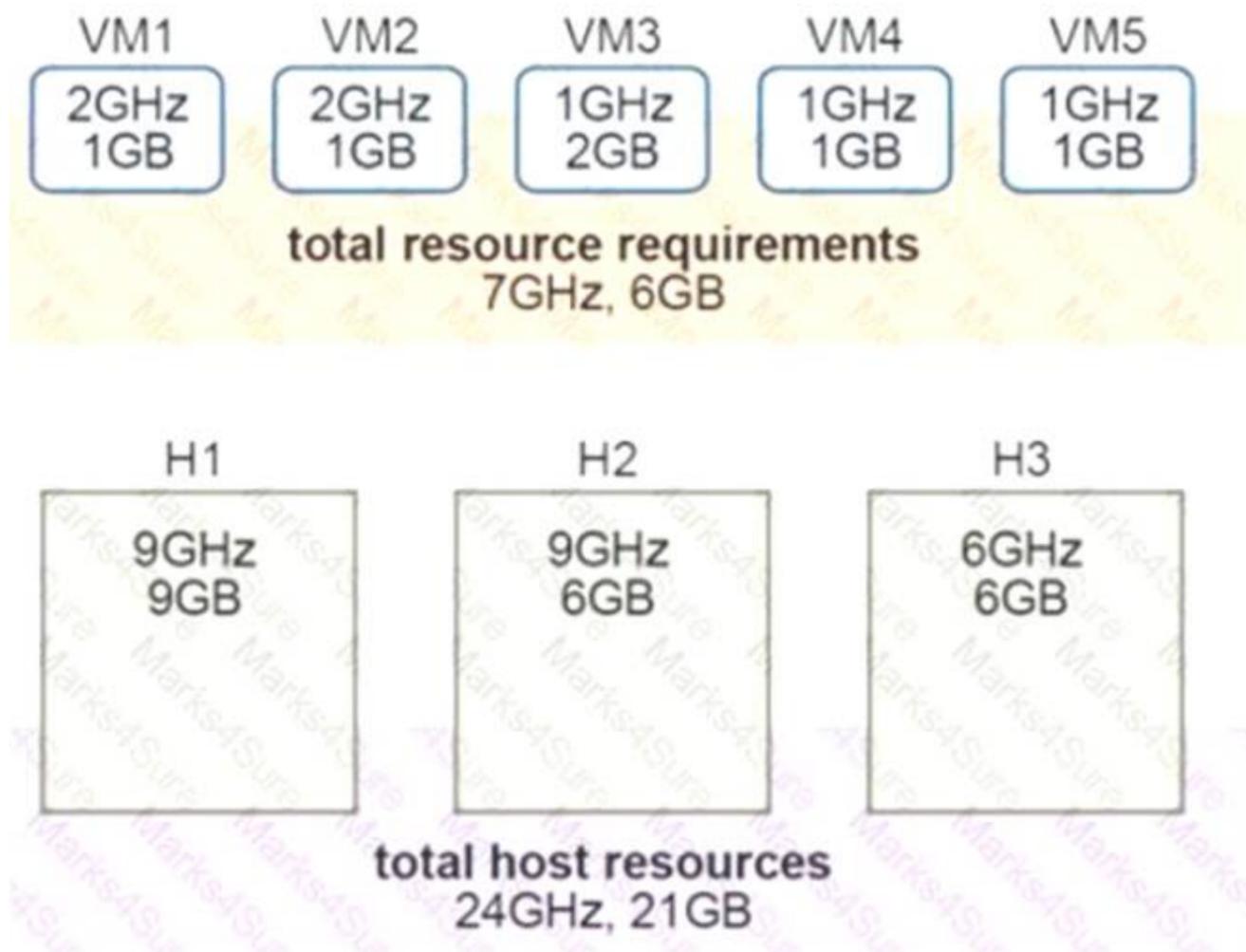
When troubleshooting VMware vCenter Server issues, which logging level provides maximum detail?

- A. info
- B. trivia
- C. error
- D. verbose

Answer: B

NEW QUESTION 230

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?



- A. 45%
- B. 60%
- C. 70%
- D. 25%

Answer: A

Explanation: The way that Current Failover Capacity is calculated and used with this admission control policy is shown with an example. Make the following assumptions about a cluster: The cluster is comprised of three hosts, each with a different amount of available CPU and memory resources. The first host (H1) has 9GHz of available CPU resources and 9GB of available memory, while Host 2 (H2) has 9GHz and 6GB and Host 3 (H3) has 6GHz and 6GB. There are five powered-on virtual machines in the cluster with differing CPU and memory requirements. VM1 needs 2GHz of CPU resources and 1GB of memory, while VM2 needs 2GHz and 1GB, VM3 needs 1GHz and 2GB, VM4 needs 1GHz and 1GB, and VM5 needs 1GHz and 1GB. The Configured Failover Capacity is set to 25%. Admission Control Example with Percentage of Cluster Resources Reserved Policy

The total resource requirements for the powered-on virtual machines is 7GHz and 6GB. The total host resources available for virtual machines is 24GHz and 21GB. Based on this, the Current CPU Failover Capacity is 70% $((24\text{GHz} - 7\text{GHz})/24\text{GHz})$. Similarly, the Current Memory Failover Capacity is 71% $((21\text{GB} - 6\text{GB})/21\text{GB})$. Because the cluster's Configured Failover Capacity is set to 25%, 45% of the cluster's total CPU resources and 46% of the cluster's memory resources are still available to power on additional virtual machines.

NEW QUESTION 233

Storage capabilities be populated in what two ways? (Choose two.)

- A. Datastores can advertise their capabilities through VASA.
- B. Datastores can advertise their capabilities through VAAI.
- C. The administrator can use tags to describe capabilities.
- D. Default capabilities are provided by vCenter Server.

Answer: AC

NEW QUESTION 237

A vCenter Server virtual machine runs on ESXi host "Alpha 1." That host network is configured with vSphere Standard Switch and an administrator wants to migrate the host to a vSphere Distributed Switch.

The host has only one physical NIC, and the migration fails.

Which parameter should be changed in vCenter to accomplish the migration?

- A. Set the ESXi Host Advanced Setting config.vpxd.network.rollback to FALSE.
- B. Set the vCenter Server Advanced Setting config.vpxd.network.rollback to TRUE.
- C. Set the ESXi Host Advanced Setting config.vpxd.network.rollback to TRUE.
- D. Set the vCenter Server Advanced Setting config.vpxd.network.rollback to FALSE.

Answer: D

NEW QUESTION 238

What is the result of a "Consolidate" action on a virtual machine?

- A. All snapshots on the virtual machines will be deleted.

- B. The virtual machine will be reverted to its last snapshot.
- C. Redundant delta disks will be combined and deleted.
- D. A new snapshot with memory state will be created.

Answer: C

NEW QUESTION 241

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

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

Answer: AD

NEW QUESTION 246

An administrator finds that the Microsoft Exchange virtual machines are exhibiting network latency. What two in-guest changes can help decrease latency? (Choose two.)

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

Answer: BD

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.

NEW QUESTION 249

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.

Which two correct virtual machine advanced configuration parameters will accomplish this? (Choose two.)

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

Answer: AD

Explanation: Prevent a Virtual Machine User or Process from Disconnecting Devices in the vSphere Web Client. Users and processes without root or administrator privileges within virtual machines have the capability to connect or disconnect devices, such as network adapters and CD-ROM drives, as well as the ability to modify device settings. To increase virtual machine security, remove these devices. If you do not want to permanently remove a device, you can prevent a virtual machine user or process from connecting or disconnecting the device from within the guest operating system.

Value: isolation.device.connectable.disable=true isolation.device.edit.disable=true

NEW QUESTION 254

A vSphere administrator manages a cluster which includes critical and non-critical virtual machines. The cluster requires different permissions for contractors and non-contractors.

How can the administrator exclude the contractor group from some of the critical VMs?

- A. Remove permission for contractors on the cluster level
- B. Apply permission on the critical VMs for noncontractors.
- C. Apply permission for both contractors and non-contractors on the cluster level
- D. Remove permission on the critical VMs for contractors.
- E. Apply permission for both contractors and non-contractors on the VM
- F. Remove permission on the critical VMs for contractors.
- G. Apply permission for both contractors and non-contractors on the cluster level.

Answer: B

Explanation: To exclude the contractor group simply apply permission for both contractors & non-contractors on the cluster level. After that, remove permissions on the critical VMs for contractors.

NEW QUESTION 259

Which are the three supported backup types for the vCenter Server Appliance 6.5? (Choose three.)

- A. File-Based Backup
- B. vSphere Storage APIs-Data Protection

- C. Replication
- D. Snapshots
- E. vSphere Data Protection

Answer: ABE

NEW QUESTION 263

The networking team has requested to have a dedicated network for iSCSI traffic. This task has been assigned to the vSphere Administrator. What is the VMware-recommended way to accomplish this?

- A. Create a custom IP Stack.
- B. Configure the right subnet.
- C. Configure Static Routes on each ESXi Server.
- D. Define a dedicated gateway for the iSCSI vmkernel.

Answer: C

NEW QUESTION 265

An attempt to delete NFS datastore from an ESXi host returns the error: Sysinfo error on operation returned the following status: Busy Which two statements could explain this failure? (Choose two.)

- A. Storage I/O Control is enabled on NFS datastore.
- B. NFS datastore is a part of Storage DRS Cluster.
- C. NFS datastore has running or registered virtual machines.
- D. NFS.VolumeRemountFrequency value is set to 30.

Answer: AC

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.

NEW QUESTION 266

Which external backup target can be used for vSphere Data Protection 6.1?

- A. NetApp Metro Cluster
- B. Dell EMCData Domain
- C. IBM SVC
- D. Hitachi USP VM

Answer: B

NEW QUESTION 271

What VM Monitoring setting would ensure that the failure interval for a virtual machine is defined as 120 seconds?

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

Answer: C

Explanation: VM Monitoring Settings

Setting	Failure Interval (seconds)	Reset Period
High	30	1 hour
Medium	60	24 hours
Low	120	7 days

NEW QUESTION 272

An administrator procured a new server on which to install ESXi 6.5. The server is equipped with local Serial Attached SCSI (SAS) disks with 512e format (512bytes sector emulation). Which file system does VMware support on this type of disk?

- A. VMFS6 (default) and VMFS5
- B. VMFS5
- C. 512e format is not supported
- D. VMFS6

Answer: A

NEW QUESTION 275

What are limits of vCenter Libraries in vSphere 6.5?

- A. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- B. Total items 4000, Biggest item size 512TB, total libraries per VC 2000, total items per library 2000 and max number of syncs 24
- C. Total items 1000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 16
- D. Total items 2000, Biggest item size 1TB, total libraries per VC 1000, total items per library 1000 and max number of syncs 32

Answer: A

NEW QUESTION 279

What external load balancers are supported in vsphere 6.5? (Choose three.)

- A. NSX Edge
- B. Netscaler
- C. F5 Big-IP
- D. Microsoft NLB

Answer: ABC

NEW QUESTION 281

What are two requirements to enable EVC in a vSphere DRS cluster? (Choose two.)

- A. CPUs must be from the same vendor.
- B. CPUs must be in the same family and of the same speed.
- C. No VMs may be running in the cluster.
- D. EVC must use the lowest possible baseline supported by the hardware.

Answer: AD

NEW QUESTION 282

Which three VMware-recommended best practices should an administrator follow before upgrading to vSphere 6.5? (Choose three.)

- 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.
- D. Back up the host.
- E. Check the interoperability of any other software integrated with vSphere.

Answer: CDE

NEW QUESTION 284

An administrator is trying to add a new virtual disk of 3TB to a virtual machine on a recently upgraded ESXi

6.x host, but receives this error:

The disk capacity entered was not a properly formed number or was out of range. It has been replaced with the nearest acceptable value.

How can the new virtual disk be added to the virtual machine?

- A. Upgrade the VMFS datastore.
- B. Change the VMFS datastore block size to 8MB.
- C. Move the virtual machine to a datastore with free space.
- D. Use vmkfstools to upgrade to VMFS6.

Answer: B

NEW QUESTION 289

When checking the distribution of virtual machines within a Fully Automated DRS cluster, an administrator notices an uneven spread across the hosts.

Which advanced option within DRS would attempt to evenly balance VMs across the hosts?

- A. Disable DPM.
- B. Set DRS Migration Threshold to Aggressive.
- C. Enable VM Distribution.
- D. Migrate virtual machines to a Distributed Switch.

Answer: C

NEW QUESTION 294

When working with VM-VM DRS rules (affinity/anti-affinity), which statement is correct?

- A. DRS gives higher priority to preventing violations of affinity rules than violations of anti-affinity rules.
- B. DRS gives the same priority to preventing violations of anti-affinity rules as affinity rules.
- C. DRS does not allow both affinity and anti-affinity rules to be enabled at the same time within a cluster.
- D. DRS gives higher priority to preventing violations of anti-affinity rules than violations of affinity rules.

Answer: A

Explanation: When two VM-VM affinity rules conflict, the older one takes precedence and the newer rule is disabled. DRS only tries to satisfy enabled rules and disabled rules are ignored. DRS gives higher precedence to preventing violations of anti-affinity rules than violations of affinity rules.
References:

NEW QUESTION 295

Which three statements are correct regarding booting an ESXi Host from Fibre Channel SAN? (Choose three.)

- A. Direct connect topology is supported.
- B. Multipathing to a boot LUN on an active-passive array is supported.
- C. ESXi hosts do not require local storage.
- D. Each host must have its own boot LUN.
- E. Hosts can share one common boot LUN.

Answer: ACD

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-8FAD881D-7A00-43C9-AB69-66DC7816968C.html>
When you use boot from SAN with multiple ESXi hosts, each host must have its own boot LUN. If you configure multiple hosts to share the same boot LUN, ESXi image corruption is likely to occur. Multipathing to a boot LUN on active-passive arrays is not supported because the BIOS does not support multipathing and is unable to activate a standby path.
The correct answers are:- ABC
Direct connect topology is supported. Each host must have its own boot LUN.
ESXi hosts do not require local storage.

NEW QUESTION 298

Which two statements are true when vSAN & vSphere HA are enabled in the same cluster? (Choose two.)

- A. Any vSAN datastore mounted on more than one host can be used as a Heartbeat datastore.
- B. The vSAN storage network is used for vSphere HA traffic.
- C. The Management network is used for vSphere HA traffic.
- D. Any datastore mounted on more than one host can be used as a Heartbeat datastore, except vSAN datastores.
- E. Any datastore mounted on more than one host can be used as a Heartbeat datastore.

Answer: BD

NEW QUESTION 301

vSphere 6.5 introduced MAC learning capabilities for VMware's virtual switches. What three benefits will it provide? (Choose three.)

- A. Reduced memory consumption
- B. Increased network throughput.
- C. Prevent packet flooding inside the vSwitch
- D. Reduced consumption of extra CPU cycles.

Answer: ACD

NEW QUESTION 305

What are three parameters for traffic filtering or marking? (Choose three.)

- A. Protocol
- B. DSCP value
- C. Traffic Direction
- D. virtual Port ID

Answer: ABC

NEW QUESTION 309

A vSphere content library administrator is attempting to unpublish the content library, but the option is grayed out as shown in the Exhibit.



Which statement identifies the reason for not being able to unpublish?

- A. Underlying storage for this content library is not accessible.
- B. A synchronization operation is in progress with this content library.
- C. This content library is optimized for syncing over HTTP.
- D. There are active subscriptions on this content library.

Answer: C

NEW QUESTION 313

A vSphere administrator upgraded vCenter Server (VC) from version 5.5 to 6.5. Existing VMFS5 datastores consumption is 75% full. All of the ESXi hosts have been upgraded to version 6.5. Existing datastores have not yet been upgraded.

Which is VMware's recommended approach to upgrading each VMFS5 datastore to VMFS6?

- A. The option to upgrade datastores to VMFS6 is only available during the ESXi host upgrade process.
- B. Log on one ESXi host at a time using vSphere 6.5 Windows Client
- C. Navigate to the datastores view. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- D. Log on to VC using vSphere 6.5 Web Client
- E. Navigate to the datastores view
- F. Right-click on the VMFS5 datastore, and then select upgrade to VMFS6.
- G. Log on to VC using vSphere 6.5 Web Client
- H. Create a VMFS6 datastore on a new LUN
- I. Use storage vMotion to migrate the data to the new datastore.

Answer: D

Explanation: Perform version check for the vCenter Server and all ESX hosts.

Note: All ESXi hosts and vCenter Server must be of vSphere 6.5. Do not proceed if any one of ESXi hosts is not vSphere 6.5. Proceeding further means business continuity loss and the new datastore is not visible in old ESX hosts.

Perform all pre checks for free space availability on datastore DS-2. Available space on DS-2 must be equal or more than the datastore DS-1 space.

Ensure that the datastore DS-2 is VMFS 6 type.

Prepare list of all virtual machines in the vCenter Server's inventory that are hosted on datastore DS-1. Evacuate the datastore DS-1. For this, migrate all the virtual machines running from datastore DS-1 to

datastore DS-2. Storage vMotion operations are performed on these virtual machines.

Perform one migration at a time to avoid disrupting the performance of remaining datacenter entities. Keep track of any migration failures, if any, re-trigger the migration for those virtual machines.

Ensure that datastore DS-1 is empty by listing files on this datastore. Note: Proceed further only if datastore DS-1 is empty.

Unmount datastore DS-1 from all ESX hosts. Delete datastore DS-1.

Create a new datastore with the VMFS 6 filesystem using the same LUN. For example, DS-1.

Trigger a storage rescan operation on all hosts and wait for few minutes for this operation to complete.

Move all virtual machines back to datastore DS-1 from datastore DS-2 by performing storage vMotion operation. It is suggested to migrate one virtual machine at a time. Keep track of any migration failures, if any, re-trigger migration for those virtual machines.

NEW QUESTION 314

What new feature is introduced in NFS 4.1 on ESXi 6.5?

- A. Storage DRS
- B. KRB5i
- C. IPv6
- D. AUTH_SYS

Answer: C

NEW QUESTION 316

When upgrading a VMware vSAN cluster to version 6.5, which two tasks must be completed to comply with upgrade requirements and VMware-recommended best practices? (Choose two.)

- A. Use RVC to upgrade the hosts.
- B. Use the latest available ESXi version.
- C. Back up all VMs.
- D. Use only the "Full data migration" maintenance mode option.

Answer: BC

NEW QUESTION 321

What availability mode does vCenter HA provide?

- A. Active-Standby
- B. Load-balanced
- C. Active-Passive
- D. Active-Active

Answer: C

NEW QUESTION 323

What three processes on the vCenter Server Appliance (VCSA) does "vmware-watchdog" monitor? (Choose three.)

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

Answer: ABC

Explanation:

vmware-vpostgres	VMware Postgres
vmware-vpx-workflow	VMware vCenter Workflow Manager
vmware-vpxd	VMware vCenter Server
vmware-vsm	VMware vService Manager
vsphere-client	vSphere Web Client
vmware-vws	VMware System and Hardware Health Manager
vmware-vsant-health	VMware vSAN Health Service

NEW QUESTION 326

Which two clients could an Administrator use to add a new identity source to the vCenter Single Sign-On domain? (Choose two.)

- A. vSphere Client
- B. Platform Services Controller Web Interface
- C. vSphere Appliance Management Interface
- D. vSphere Web Client
- E. VMware Host Client

Answer: BC

NEW QUESTION 328

What are two requirements in order to restore a Resource Pool Tree from a snapshot? (Choose two.)

- A. A restore can only be performed on the same cluster the snapshot was taken from.
- B. vSphere DRS must be turned on.
- C. vSphere DRS must be turned off.
- D. A restore can only be performed on a vSphere DRS cluster within the original vCenter Server.

Answer: AD

NEW QUESTION 333

The storage vendor recommends adjusting the Fibre Channel HBA queue depth to resolve a performance problem. Which esxcli namespace can a vSphere Administrator use to adjust the queue depth?

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

Answer: A

NEW QUESTION 334

On a cluster of ESXi 6.5 hosts, a small number of virtual machines have much larger resource requirements than others. Some hosts have a large number of virtual machines while others have very few.

The administrator enables DRS with DRS VM distribution to evenly balance the number of virtual machines on each host.

Which will be the outcome?

- A. Virtual machines will be moved without regard to resource contention in the cluster, and the virtual machine distribution will become evenly balanced.
- B. Virtual machines will not change hosts unless they are power-cycled or vMotioned manually.
- C. Virtual machines will not be moved if it results in severe resource contention in the cluster, and the virtual machine distribution will remain unbalanced.
- D. DRS VM distribution will not evenly balance the number of virtual machines on each host unless anti-affinity rules are applied.

Answer: A

NEW QUESTION 336

A vSphere Administrator has received complaints that an MSCS cluster is failing over during vMotion operations.

What action would minimize migrations for only the MSCS VMs?

- A. Configure the VM DRS Automation level to override as Partially Automated.
- B. Configure the migration threshold to Conservative for the vSphere DRS cluster.
- C. Configure the vSphere DRS cluster to be Partially Automated.
- D. Change the pathing policy to Round Robin for MSCS RDMS.

Answer: A

NEW QUESTION 338

What are two features introduced in Network I/O Control version 3? (Choose two.)

- A. Bandwidth reservation per traffic type

- B. Bandwidth guarantee to virtual machines
- C. Network resource pools
- D. CoS tagging

Answer: AB

NEW QUESTION 343

Which statement is true regarding Network-Aware DRS?

- A. Network-Aware DRS will perform load-balancing based on the communication of virtual machines with one another.
- B. Network-Aware DRS is enabled through DRS advanced options.
- C. Network-Aware DRS only generated suggested moves; administrators must go in and accept each Network-Aware DRS suggestion manually.
- D. Network-Aware DRS will perform a final check during regular DRS load-balancing to ensure that the destination host is not network saturated.

Answer: D

NEW QUESTION 346

What are three benefits of using a few large-capacity LUNs instead of many small-capacity LUNs? (Choose three.)

- A. More flexibility to create virtual machines without adding new LUNs.
- B. More flexibility for resizing virtual disks.
- C. Less wasted storage space.
- D. Better performance because there is less contention for a single volume.
- E. Fewer VMFS datastores to manage.

Answer: ABE

Explanation: You might want fewer, larger LUNs for the following reasons:

NEW QUESTION 347

A VM folder contains VM1 and VM2.

- Group A has permission to power on virtual machines, defined on the VM folder and its children.
 - Group B has permission to power off virtual machines, defined on the VM folder and its children.
- If a user is a member of Groups A and B, what will be the user's effective permission on VM1 and VM2?

- A. Power on.
- B. Power off.
- C. Power on and Power off.
- D. Reset.

Answer: C

NEW QUESTION 349

A vSphere administrator wants to reserve 0.5Gbps for virtual machines on each uplink on a distributed switch that has 10 uplinks. What is the quota that should be reserved for the network resource pool?

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

Answer: A

Explanation: For example, 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.

NEW QUESTION 354

An administrator is upgrading their external Platform Services Controllers and vCenter Server Appliance, and also migrating vSphere Update Manager version 6.0 to version 6.5.

Which is the correct order to upgrade these components?

- A. - Upgrade the external Platform Services Controller- Run the Migration Assistant on the vSphere Update Manager- Upgrade the vCenter Server Appliance
- B. - Upgrade the external Platform Services Controller- Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager
- C. - Upgrade the external Platform Services Controller- Upgrade the vSphere Update Manager- Upgrade the vCenter Server Appliance
- D. - Upgrade the vCenter Server Appliance- Run the Migration Assistant on the vSphere Update Manager- Upgrade the external Platform Services Controller

Answer: A

NEW QUESTION 357

When attempting to migrate a virtual machine to another host in the same cluster, the error message, "Select a valid compute resource" returns. What could cause this error?

- A. VMware Tools is not installed.
- B. Both hosts are not sharing the same datastore.

- C. Virtual machine has an ISO attached.
- D. Both hosts run different versions of ESXi.

Answer: B

NEW QUESTION 359

Which two components are part of storage I/O multipathing on ESXi? (Choose two.)

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

Answer: BD

NEW QUESTION 362

What are three benefits of storage hardware acceleration? (Choose three.)

- A. faster VMFS metadata operations
- B. faster Storage vMotion
- C. faster virtual disk provisioning
- D. improved bandwidth

Answer: ABC

NEW QUESTION 367

Option available to enable Encrypted vMotion. (Choose two.)

- A. Enable
- B. Opportunistic
- C. Required
- D. Default

Answer: BC

NEW QUESTION 372

Which two parameters must be configured for Windows in-guest disk mirroring? (Choose two.)

- A. `scsi#.returnNoConnectDuringAPD = "FALSE"`
- B. `scsi#.returnNoConnectDuringAPD = "TRUE"`
- C. `scsi#.terminateVMonPDL = "TRUE"`
- D. `scsi#.returnBusyOnNoConnectStatus = "FALSE"`

Answer: BD

NEW QUESTION 377

vSphere DRS helps to balance virtual machines with available resources in a vSphere cluster. What three types of resources can be taken into account for balancing? (Choose three.)

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

Answer: BDE

NEW QUESTION 379

Which three operations can cause VMFS metadata updates? (Choose three.)

- A. Restarting a VM using the guest OS.
- B. Launching a VM console.
- C. Migrating a VM with vMotion.
- D. Powering a VM on or off.
- E. Expanding a VMFS datastore.

Answer: CDE

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

Creating, growing, or locking a virtual machine file
Changing a file's attributes
Powering a virtual machine on or off
Creating or deleting a VMFS datastore
Expanding a VMFS datastore
Creating a template
Deploying a virtual machine from a template
Migrating a virtual machine with vMotion
Reference:

https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc_50%2FGUID-7A351E26A4761AA.html

NEW QUESTION 380

Which method is supported for backing up the virtual machine that contains vCenter Server?

- A. incremental
- B. individual disks
- C. differential
- D. full image

Answer: D

NEW QUESTION 385

Which two statements correctly describe VM-Host affinity rules? (Choose two.)

- A. After creating a VM-Host affinity rule, its ability to function in relation to other rules is not checked.
- B. After creating a VM-Host affinity rule, its ability to function in relation to other rules is predetermined.
- C. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules are applied equally.
- D. When there is more than one VM-Host affinity rule in a vSphere DRS cluster, the rules will be ranked.

Answer: AC

Explanation: If you create more than one VM-Host affinity rule, the rules are not ranked, but are applied equally. Be aware that this has implications for how the rules interact. For example, a virtual machine that belongs to two DRS groups, each of which belongs to a different required rule, can run only on hosts that belong to both of the host DRS groups represented in the rules.

When you create a VM-Host affinity rule, its ability to function in relation to other rules is not checked. So it is possible for you to create a rule that conflicts with the other rules you are using. When two VM-Host affinity rules conflict, the older one takes precedence and the newer rule is disabled. DRS only tries to satisfy enabled rules and disabled rules are ignored.

NEW QUESTION 390

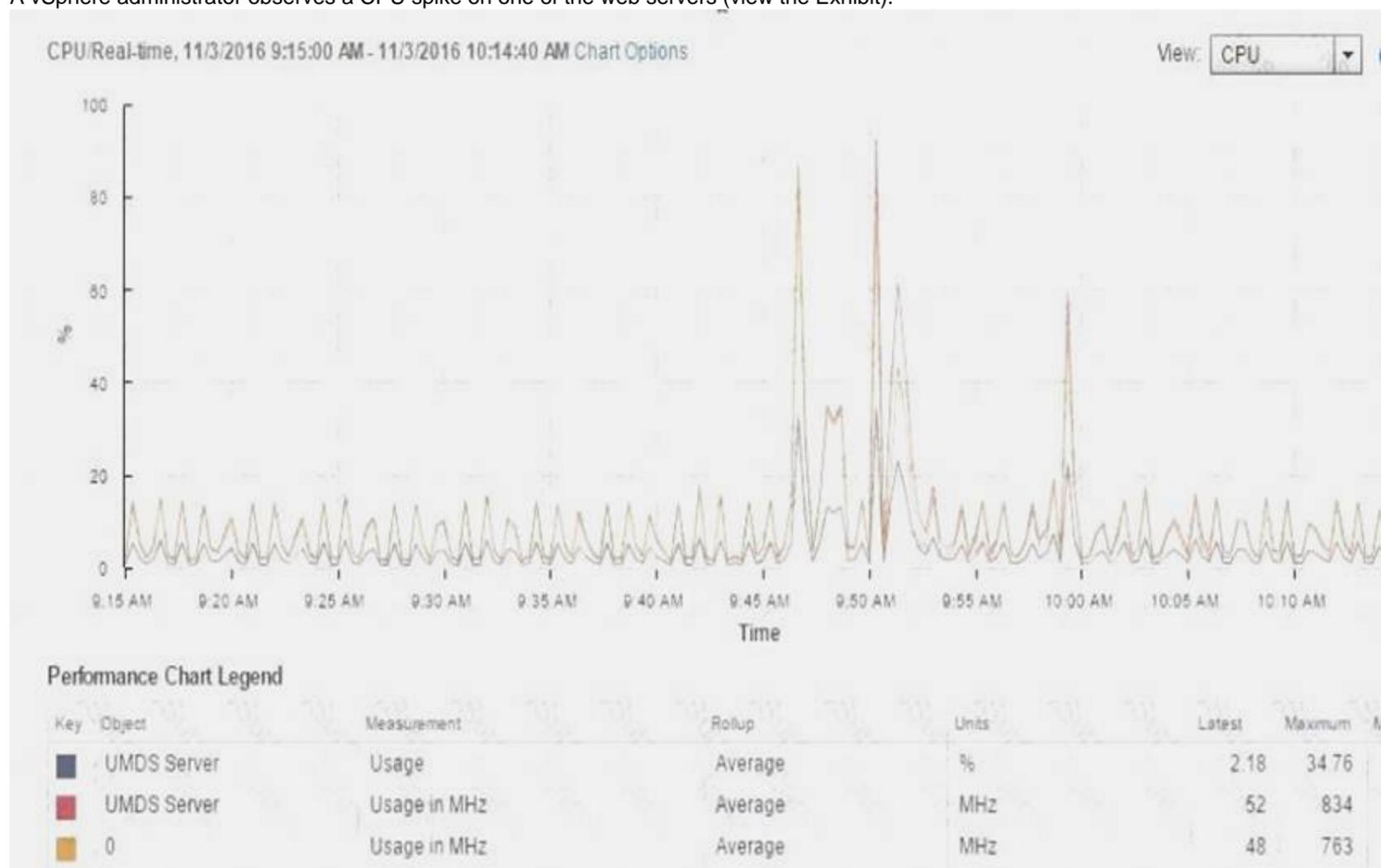
An administrator is creating a hybrid vSAN cluster with six ESXi hosts equally distributed on three server racks. How can this cluster be protected from a single rack failure?

- A. Allocate at least two storage controllers in each host.
- B. Create at list two disk groups in each host.
- C. Allocate at least two flash devices for caching in each disk group.
- D. Create three fault domains in the vSAN cluster.

Answer: D

NEW QUESTION 392

A vSphere administrator observes a CPU spike on one of the web servers (view the Exhibit).



Which two statements can describe the cause of this activity? (Choose two.)

- A. The network packet size is too large.
- B. Disk latency is present on the datastore.
- C. VMware Tools is not installed.

D. The network packet size is too small.

Answer: BD

Explanation: Network packet size is too small, which increases the demand for the CPU resources needed for processing each packet.
<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-C4EA86>
Found this re disk latency:
<https://communities.vmware.com/thread/557063>
The below also discusses Disk Performance issues and mentioned CPU usage:
<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.monitoring.doc/GUID-E813116>

NEW QUESTION 393

DRS is set to Fully-Automated mode and seems to be migrating virtual machines too frequently. Which action can potentially decrease the amount of automated migrations performed by DRS?

- A. Increase the Migration Threshold by moving the slider to the right.
- B. Decrease the Migration Threshold by moving the slider to the left.
- C. Set DRS to Partially-Automated mode.
- D. Enable EVC for the cluster.

Answer: B

NEW QUESTION 397

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

- A. After the expired backup image is restored.
- B. During the next backup window following expiry.
- C. During the next maintenance window following expiry.
- D. Immediately after the retention period has expired.

Answer: D

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.0/vmware-data-protection-administration-guide-60.pdf> 'During maintenance periods, VDP examines the backups in the appliance and evaluates whether the backup retention period has expired. If it has expired, VDP removes the expired backup from the appliance.'

NEW QUESTION 399

Which two statements describe why a vSphere DRS cluster would report load imbalance? (Choose two.)

- A. DRS is configured for Partially Automated.
- B. The configured migration threshold is too low.
- C. The configured migration threshold is too high.
- D. Enhanced vMotion Compatibility (EVC) is enabled.

Answer: AC

Explanation: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.troubleshooting.doc/GUID-0C132C85-E7BF-445E-925D-31420A06B01C.html>

NEW QUESTION 401

An administrator discovers that virtual machine migrations with encrypted vMotion have failed. Which action can resolve this issue?

- A. Use vSphere Update Manager to upgrade all hosts to ESXi 6.5
- B. Install a USB decryption dongle on all hosts in the cluster
- C. Disable Strict Lockdown mode
- D. Use esxcli to enable encrypted vMotion

Answer: A

NEW QUESTION 402

A vSphere Administrator must ensure that a user is able to view and manage the system configuration in vSphere Web Client. In the vCenter Single Sign-On domain, which group should the user be a part of?

- A. SystemConfiguration.BashShellAdministrators
- B. ComponentManage
- C. Administrators
- D. Administrators
- E. SystemConfiguration.Administrators

Answer: D

Explanation: SystemConfiguration.Administrators
Members of the SystemConfiguration.Administrators group can view and manage the system configuration in the vSphere Web Client. These users can view, start and restart services, troubleshoot services, see the available nodes and manage those nodes.

NEW QUESTION 404

Which metric in the Exhibit would identify high latency for a storage device?

6:16:06 pm up 77 days 19:07, 817 worlds, 15 VMs, 30 vCPUs; CPU load average: 0.06, 0.07, 0.07

ADAPTR PATH	NPTH	CMDS/s	READS/s	WRITES/s	MBREAD/s	MBWRTN/s	DAVG/cmd	KAVG/cmd	GAVG/cmd	QAVG/cmd
vmhba0 -	1	0.76	0.19	0.57	0.00	0.00	0.08	0.01	0.09	0.00
vmhba1 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba2 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba32 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba33 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba34 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba35 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba36 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba37 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba38 -	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba39 -	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
vmhba40 -	12	52.64	1.34	49.78	0.00	1.72	3.91	0.01	3.92	0.00

- A. KAVG/cmd
- B. DAVG/cmd
- C. GAVG/cmd
- D. QAVG/cmd

Answer: B

Explanation:

Column	Description
CMDS/s	This is the total amount of commands per second and includes IOPS (Input/Output Operations Per Second) and other SCSI commands such as SCSI reservations, locks, vendor string requests, unit attention commands etc. being sent to or coming from the device or virtual machine being monitored. In most cases, CMDS/s = IOPS unless there are a lot of metadata operations (such as SCSI reservations)
DAVG/cmd	This is the average response time in milliseconds per command being sent to the device.
KAVG/cmd	This is the amount of time the command spends in the VMkernel.
GAVG/cmd	This is the response time as it is perceived by the guest operating system. This number is calculated with the formula: DAVG + KAVG = GAVG

NEW QUESTION 405

Which network is used by vSphere HA when VMware vSAN is enabled?

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

Answer: A

Explanation:

vSphere HA networking differences



NEW QUESTION 410

Which two statements are true regarding Auto Deploy in version 6.5? (Choose two.)

- A. Auto Deploy can be configured and managed via PowerCLI.
- B. Auto Deploy can be configured and managed via the vSphere Client.
- C. Auto Deploy can be configured and managed via the vSphere Web Client.
- D. Auto Deploy can be configured and managed via vCLI commands.

Answer: AC

NEW QUESTION 411

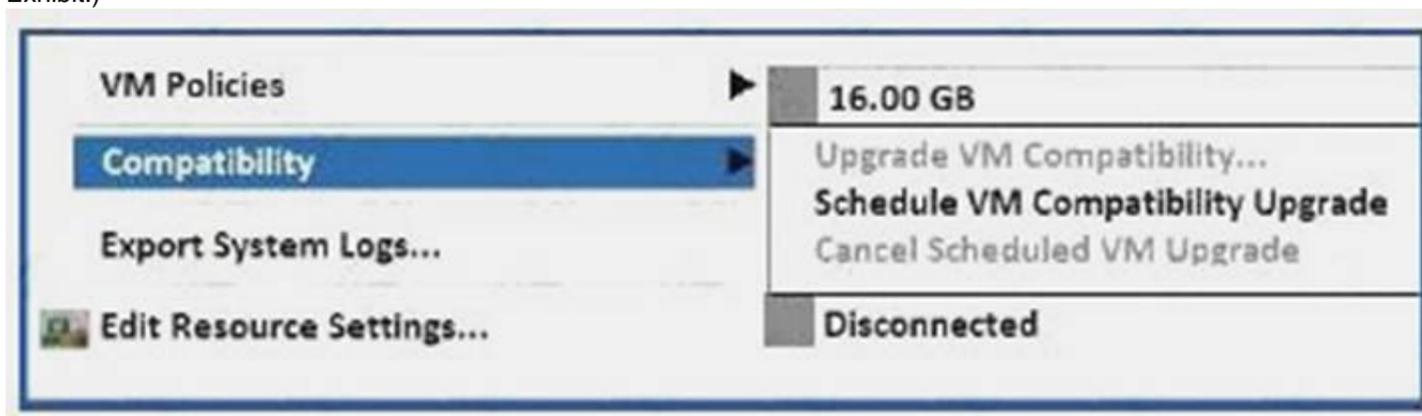
What are two valid reasons for a DRS recommendation in a vSphere DRS cluster? (Choose two.)

- A. satisfy an affinity rule
- B. satisfy VM startup/shutdown order
- C. satisfy vSphere HA admission control
- D. ESXi host entering maintenance mode

Answer: AD

NEW QUESTION 412

After upgrading the vSphere infrastructure and VMware Tools to version 6.5, the “Upgrade VM Compatibility” option is grayed out in the vSphere Web Client. (See Exhibit.)



What must the administrator do to enable the VM compatibility upgrade?

- A. VMware Tools should be upgraded last.
- B. Restart the ESXi server.
- C. Uninstall VMware Tools.
- D. Power off the virtual machine.

Answer: D

NEW QUESTION 413

Which two configurable options are available in Boot Options for a virtual machine? (Choose two.)

- A. Force BIOS setup
- B. Tools Upgrades
- C. Firmware
- D. Encryption

Answer: AC

NEW QUESTION 415

Virtual Volumes supports which three VMware features? (Choose three.)

- A. Instant Clones
- B. Linked Clones
- C. Distributed Resource Scheduler
- D. Storage Distributed Resource Scheduler
- E. vMotion

Answer: BCE

NEW QUESTION 418

What are two reasons why a datastore in a Storage DRS cluster cannot enter maintenance mode? (Choose two.)

- A. Storage latency is too high to allow Storage DRS initiate Storage vMotion.
- B. Rules prevent Storage DRS from making migration recommendations.
- C. Storage DRS is disabled on the virtual disk.
- D. Storage DRS is configured for a VMFS3 datastore.

Answer: BC

Explanation: Problem

A datastore in a datastore cluster cannot enter maintenance mode. The Entering Maintenance Mode status remains at 1%.

Cause

One or more disks on the datastore cannot be migrated with Storage vMotion. This condition can occur in the following instances.

Storage DRS is disabled on the disk

Storage DRS rules prevent Storage DRS from making migration recommendations for the disk.

NEW QUESTION 423

vSphere 6.5 DRS is now Network-Aware. Based on network utilization, when will DRS balance VMs?

- A. DRS will balance VMs when a network resource pool is configured for VMs.
- B. DRS will balance VMs when Network I/O Control is enabled.
- C. DRS will place VMs on initial boot for hosts that have network utilization lower than the threshold.
- D. DRS will vMotion VMs when network utilization is higher than the threshold on a particular host.

Answer: A

NEW QUESTION 428

An administrator is reviewing a virtual machine's storage performance on an ESXi 6.5 host and noticed that it is affecting shared data storage activity on another host.

Which should be enabled in order to mitigate the issue?

- A. Network I/O Control
- B. Storage I/O Control
- C. Storage DRS
- D. vSphere HA

Answer: B

NEW QUESTION 432

An administrator has a large boot from SAN cluster and wants to ensure consistent configuration by using host profiles. What special considerations are required for boot from SAN hosts?

- A. Host profiles are incompatible with boot from SAN hosts.
- B. Change the "Device is shared clusterwide" setting to "false" in the host profile.
- C. Verify that the boot LUN is correctly identified as the boot device in the host profile.
- D. The boot from SAN device must report as a local device.

Answer: C

NEW QUESTION 437

Which additional vCenter Server feature must be configured for DRS to balance workloads?

- A. vSphere HA
- B. Resource Pools
- C. vMotion
- D. Proactive HA

Answer: C

NEW QUESTION 440

Which storage feature always requires the use of third-party software on ESXi?

- A. Hardware Acceleration for NAS devices
- B. VVOL
- C. Hardware Acceleration for Block Devices
- D. VM Storage Policies

Answer: A

Explanation: With NAS storage devices, the hardware acceleration integration is implemented through vendor-specific NAS plug-ins. These plug-ins are typically created by vendors and are distributed as VIB packages through a website. No claim rules are required for the NAS plug-ins to function. Several tools for installing and upgrading VIB packages are available. They include the esxcli commands and vSphere Update Manager.

NEW QUESTION 442

Which two features require the use of Host Profiles? (Choose two.)

- A. vRealize Suite
- B. Auto Deploy
- C. shared storage
- D. Host Customization

Answer: BD

NEW QUESTION 445

Which two types of iSCSI adapters require VMkernel networking configuration? (Choose two.)

- A. software
- B. in-guest
- C. independent hardware
- D. dependent hardware

Answer: AD

NEW QUESTION 448

An administrator has an application that requires high CPU throughput. Which action would ensure that the application gets the required throughput?

- A. Enable Fault Tolerance on the virtual machine.
- B. Disable Fully Automated DRS.
- C. Set a CPU limit on the virtual machine.
- D. Adjust the virtual machine latency sensitivity.

Answer: D

Explanation: You can adjust the latency sensitivity of a virtual machine to optimize the scheduling delay for latency sensitive applications. ESXi is optimized to deliver high throughput. You can optimize your virtual machine to meet the low latency requirement of latency sensitive applications. Examples of latency sensitive applications are VOIP or media player applications, or applications that require frequent access to the mouse or keyboard devices.

NEW QUESTION 449

An administrator is configuring vCenter HA and considering placing the Passive and Witness nodes in another datacenter from the Active Node. Which is the maximum supported latency between the vCenter HA nodes?

- A. 5ms
- B. 10ms
- C. 100ms
- D. 30ms
- E. 50ms

Answer: B

Explanation: vCenter HA network latency between Active, Passive, and Witness nodes must be less than 10 ms. References:

NEW QUESTION 452

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

- A. The disk is not listed in the VMware hardware compatibility guide.
- B. The disk is not detected as local.
- C. The disk is not detected as an SSD.
- D. The disk is in use by VMFS.

Answer: BCD

NEW QUESTION 457

Which do Protocol Endpoints refer to?

- A. a VASA provider
- B. a pool of raw storage capacity that spans different physical arrays
- C. a Virtual Volumes datastore
- D. a logical I/O proxy of the physical storage fabric

Answer: D

NEW QUESTION 462

By default, how often is the vCenter vpx user password automatically changed?

- A. 15 days
- B. 45 days
- C. 60 days
- D. 30 days

Answer: D

Explanation: vCenter Server creates the vpxuser account on each ESX/ESXi host that it manages. The password for each vpxuser account is auto-generated when an ESX/ESXi host is added. The password is updated by default every 30 days.

NEW QUESTION 464

A vSphere Administrator has VM Component Protection (VMCP) enabled, but the VM was not restarted when one of the VMFS datastores experienced an All Paths Down (APD) failure.

What two scenarios would explain why the virtual machine was not restarted? (Choose two.)

- A. Insufficient Capacity is available on the failover ESXi hosts.
- B. VM Monitoring is required in order for VMCP to failover during an APD event.
- C. VMware Tools is not installed on the guest operating system for the VM.
- D. The APD failure was corrected before the VM could be restarted.

Answer: AD

NEW QUESTION 466

Which are two requirements for configuring vCenter HA? (Choose two)

- A. A secondary NIC on the active node must be create and configured
- B. A management and heartbeat network must be created and configured
- C. A default gateway entry must be added for the cluster network
- D. All components must be on the same subnet as the management network
- E. The network IP addresses for the active, passive, and witness nodes must be static

Answer: BE

NEW QUESTION 467

An Administrator for a new vCenter Server HA deployment has an infrastructure that is using an external Platform Services Controller (PSC).

Which three Load Balancers are supported by VMware? (Choose three.)

- A. Windows network Load Balancer
- B. F5 BIG-I
- C. VMware NSX EDGE
- D. Citrix Netscaler
- E. Linux HA Proxy

Answer: BCD

NEW QUESTION 469

Which three design requirements must be satisfied to enable RAID-6 objects in a VMware vSAN cluster? (Choose three.)

- A. deduplication and compression
- B. at least six hosts contributing storage
- C. vSAN Advanced license or higher
- D. vSAN stretched cluster
- E. All Flash configuration

Answer: BCE

Explanation: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-AD408FA8-5898> <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-ED76D553-0AB> <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-6D818555-8DE8>

NEW QUESTION 474

In network troubleshooting it is important to know what upstream switch the ESXi host is connected to. Which two features does ESXi provide to help identify the upstream switch? (Choose two.)

- A. DPM
- B. Promiscuous mode
- C. LLDP
- D. CDP

Answer: CD

NEW QUESTION 475

Boot from SAN is supported on which three storage technologies? (Choose three.)

- A. iSCSI
- B. NFS 4.1
- C. FC
- D. VMware vSAN
- E. FCoE

Answer: ACE

NEW QUESTION 476

In order to use vCenter Converter Standalone to convert a Windows 8 physical machine to a virtual machine, which statement is true?

- A. Volume layout can be reorganized on the destination virtual machine as long as the physical machine is powered off.
- B. The physical machine cannot be converted because vCenter Converter Standalone does not support Windows 8 machines.
- C. Volumes can be resized on the destination virtual machine as long as the physical machine is powered on.
- D. The destination virtual machine can be created as a linked clone.

Answer: C

NEW QUESTION 478

How can failback of a recovered virtual machine in vSphere Replication be performed?

- A. No action required, because failback is automatically performed to the source site.
- B. Configure a new replication in the reverse machine at the target site.
- C. Power off and unregister the virtual machine on the target site.
- D. Disable or Stop the virtual machine replication on the source site.

Answer: B

Explanation: Failback of Virtual Machines in vSphere Replication

Failback of virtual machines is a manual task in a vSphere Replication.

After performing a successful recovery from the primary site to the secondary site, you can perform failback. You manually configure a new replication in the reverse direction, that is, from the secondary site to the primary site. The disks of the primary site are used as replication seeds, so that vSphere Replication only synchronizes the changes made to the .vmdk files. Before you configure the reverse replication, you must manually unregister the virtual machine from the inventory on the primary site.

NEW QUESTION 480

Which vCenter Single Sign-On policy would force an SSO user's password to change every 90 days?

- A. Maximum Length
- B. Maximum token renewal count
- C. Maximum Lifetime
- D. Unlock time

Answer: C

NEW QUESTION 484

What two debugging levels can a virtual machine be configured to? (Choose two.)

- A. Trivia
- B. Statistics
- C. Debugging
- D. Verbose

Answer: BC

NEW QUESTION 489

What is the minimum number of hosts that must contribute capacity to a non-ROBO single site VMware vSAN cluster?

- A. 2
- B. 64
- C. 1
- D. 3

Answer: D

Explanation: For standard datacenter deployments, vSAN requires a minimum of three ESXi hosts (where each host has local storage and is contributing this storage to the vSAN datastore) to form a supported vSAN cluster

Essential Virtual SAN (vSAN): Administrator's Guide to VMware Virtual SAN (2nd Edition) (VMware Press Technology) page 14

NEW QUESTION 493

A vSphere HA cluster with four hosts has admission control configured to tolerate one host failure. Which statement is true if a fifth host is added?

- A. CPU and Memory capacity will be set to 25%.
- B. CPU and Memory capacity will be set to 50%.

- C. CPU and Memory capacity will be set to 20%.
- D. CPU and Memory capacity will be set to 30%.

Answer: C

Explanation: Select the Percentage of Cluster Resources Reserved admission control policy. This policy offers the most flexibility in terms of host and virtual machine sizing. When configuring this policy, choose a percentage for CPU and memory that reflects the number of host failures you want to support. For example, if you want vSphere HA to set aside resources for two host failures and have ten hosts of equal capacity in the cluster, then specify 20%

NEW QUESTION 495

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