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QUESTION 1

HOTSPOT

An administrator is configuring an All Flash cluster to support the following workloads:

Full clone virtual desktops

Hadoop

Write heavy databases

Which three correct configuration options should the administrator use to meet the item requirements? (Choose three.)

For each procedure, indicate whether it is a correct or incorrect procedure that must be configured to meet the item requirements using the drop-down option.

Hot Area:

Procedure	Correct/Incorrect
One container with compression and deduplication enabled for full clone virtual desktops	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>
One container with compression and Erasure Coding enabled for Hadoop	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>
One container with compression enabled for heavy databases	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>
One container with deduplication enabled for full clone virtual desktops	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>
One container with Erasure Coding enabled for Hadoop	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>
One container with deduplication enabled for Hadoop	<input type="text" value="Select"/> <input checked="" type="text" value="Select"/> <input type="text" value="Correct"/> <input type="text" value="Incorrect"/>

Correct Answer:

Procedure	Correct/Incorrect
One container with compression and deduplication enabled for full clone virtual desktops	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect
One container with compression and Erasure Coding enabled for Hadoop	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect
One container with compression enabled for heavy databases	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect
One container with deduplication enabled for full clone virtual desktops	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect
One container with Erasure Coding enabled for Hadoop	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect
One container with deduplication enabled for Hadoop	<input type="radio"/> Select <input checked="" type="radio"/> Select <input type="radio"/> Correct <input type="radio"/> Incorrect

QUESTION 2

A company needs to replicate their VMs to a remote site and must have an RPO of less than 1 hour.

When creating a protection domain, what should an administrator do to meet this requirement?

- A. Enable Async Replication with an RPO of 60 minutes
- B. Enable Near-Sync Replication with an RPO of 15 minutes
- C. Enable Entity Sync on the designated VMs
- D. Enable Availability Zones and send the VM to multiple targets

Correct Answer: A

Explanation: Ref:https://portal.nutanix.com/page/documents/details?targetId=Web-Console-Guide-Prism-v5_10:sto-pd-guidelines-r.html

QUESTION 3

A CEO asks the IT administrator to provide a list of required resources to protect current workloads and the two new SQL servers from a disaster. The Nutanix environment is managed by Prism Central. Which option explains how to meet the CEO's request?

- A. In Capacity Runway, select Optimize Resources and select all VMs that must be protected.
- B. Create a new project and assign the VMs to it to get compute and storage requirements.
- C. Create a new scenario based on a new cluster based on a VM Profile and select Recommend.
- D. Create a new Recovery policy by selecting the VM that needs to be protected and get hardware requirements.

Correct Answer: D

QUESTION 4

An administrator needs to create and start five new VMs for a Data Analytics Project (OLAP). The VM Profile is as follows:

vCPU:4 vRAM: 64 GB vDisk: 1.5 TB

Each of the four nodes of the Nutanix cluster has the following:

24 vCPU. 20% overall usage 192 GB RAM, 60% overall usage 2x1920GBSSD 4x 2 TB HDD

At cluster level, there is a single RF2 container that is 30% utilized and has an extent store capacity of 13.5 TB.

Which component requires administrator attention?

- A. Physical RAM, because it is not enough to power on all of the new VMs.
- B. Physical Cores, because they are not enough to power on all of the new VMs.
- C. Storage, because the capacity is not enough to create VMs.
- D. Flash Tier because it is not enough to accommodate the workloads.

Correct Answer: A

QUESTION 5

A customer is deploying Nutanix AHV clusters over hundreds of remote sites worldwide. Prism Central will be used to

centrally manage all clusters. Customer security policy requires the use of MS Active Directory (AD).groups to authenticate all network devices.

Which method should be consultant use to meet the requirements?

- A. Integrate AD authentication on all CVMs.
- B. Integrate AD authentication on Prism Central Only.
- C. Proxy Prism Element traffic through Prism Central.
- D. Integrate AD authentication on all Prism Element Clusters.

Correct Answer: B

QUESTION 6

A consultant needs to review a customer's switch port configuration to identify any issues. Other customer requirements are as follows:

*

Leverage LACP

*

Native VLAN will not be used

*

Use Multiple Upstream switches

*

Use VLANs 20-25 and 30

*

LACP Fallback has been Enabled

*

vPC or MLAG has been configured

What must be included in a configuration in order to meet these requirements?

A.

Native VLAN set to default Ports trucked to allow all necessary VLANs

B.

Native VLAN set to default Ports in access mode to allow all necessary VLANs

C.

Native VLAN set to 30 Ports Trunked to allow all necessary VLANs

D.

Native VLAN set to 30 Ports in access mode to allow all necessary VLANs

Correct Answer: A

QUESTION 7

An administrator is using Nutanix Move to migrate a Windows VM from ESXi to AHV. Automated guest preparation is failing with an error:

Account has UAC enabled error

The administrator is using the local built-in administrator account for the Windows VM Admin approval mode must remain enabled.

What should the administrator do to continue with the migration with Nutanix Move?

- A. Use a Domain Admin account for the Windows VM
- B. Reboot the Windows VM and try the migration again
- C. Follow manual VM preparation guidelines
- D. Place Windows VM in Maintenance Mode

Correct Answer: C

Explanation: <https://next.nutanix.com/move-application-migration-19/nutanix-xtract-validation-failed-user-must-belong-in-a-group-with-restore-files-and-directories-security-policy-31303>

Solution:

If local built in "administrator" user is being used for guest preparation, **disable** the following Local Security policy:

Computer Configuration\Windows Settings\Security Settings\Local Policies\Security Options\User Account Control: Admin Approval Mode for the Built-in Administrator account

<https://docs.microsoft.com/en-gb/windows/security/threat-protection/security-policy-settings/user-account-control-admin-approval-mode-for-the-built-in-administrator-account>

Or use **manual guest preparation** from elevated PowerShell.

QUESTION 8

A consultant is using a customer's switch for installation. Although the 10GbE ports for each of the hosts are connected to the switch, the nodes fail to be discovered. What is causing the issue?

- A. IPv6 is not enabled on the switch.

- B. IPMI port is not plugged in.
- C. Foundation VM is running on a Windows host.
- D. 10GbE ports are configured with the incorrect duplex setting.

Correct Answer: A

QUESTION 9

An administrator protected a DB VM running on a Nutanix cluster with NearSync Replication, which schedules to repeat every 15 minutes to a second site. The daily change rate is low. During nightly backups, the replication window is missed due to write volume.

Which two options describe the expected behavior? (Choose two.)

- A. NearSync stops working and fails over to the remote site.
- B. Protection Domain transitions back to the hourly schedule.
- C. The Administrator needs to re-enable it manually.
- D. The system continuously tries to get to the NearSync schedule.

Correct Answer: AD

QUESTION 10

An administrator inherits a new Nutanix environment and logs in to a CVM to check the network configuration. The configuration is as follows:

```
nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_uplinks
Bridge: br0
  Bond: br0-up
    bond_mode: active-backup
    interfaces: eth3 eth2
    lacp: off
    lacp-fallback: True
    lacp_speed: slow
Bridge: br1
  Bond: eth0
    bond_mode: active-backup
    interfaces: eth0
    lacp: off
    lacp-fallback: false
    lacp_speed: slow
Bridge: br2
Bridge: br5

nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$ manage_ovs show_interfaces
name  mode  link  speed
eth0   1000  True  1000
eth1   1000  True  1000
eth2   10000 True  10000
eth3   10000 True  10000
:      :      :
nutanix@NTNX-16xxxxxxxxx5-A-CVM:xx.xx.xx.76:~$
```

Which action should the administrator take to improve network performance?

- A. Configure VLAN tagging both on br0 and br1 and their physical interfaces.
- B. Add eth0 and eth1 to the br0-up bond
- C. Configure balance-sib or balance-tcp mode for br0-up if switch configuration allows
- D. Remove one 10 Gbs interface from br0-up to make sure all 10 Gbs can be used.

Correct Answer: C

QUESTION 11

After imaging the nodes and creating the cluster successfully, the consultant connects the cluster to the customer network. When logging into Prism, the events dashboard is full of errors. What is causing the issue?

- A. The cluster was not stopped prior to connecting to the customer network.
- B. The Cluster Virtual IP Address (VIP) was not set up during the process.
- C. Foundation did not create the cluster successfully.
- D. The consultant did not run Nutanix Cluster Check (NCC..

Correct Answer: A

QUESTION 12

A three-node cluster has a Nutanix Files instance with three FSVMs. What happens after a node failure?

- A. The affected FSVM will get live-migrated to another node.
- B. The affected FSVM will not be restarted on another node due to its agent VM setting.
- C. The affected FSVM will not be restarted on another node due to its VM-to-VM anti-affinity settings.
- D. The affected FSVM will be restarted on another node.

Correct Answer: D

Explanation: Ref: https://portal.nutanix.com/page/documents/details?targetId=Files-v3_6:fil-files-high-availability-c.html

HIGH AVAILABILITY

Fail over for file server VMs (FSVMs).

High Availability (HA) for Files insures that during a disruption of service a file server VM (FSVMs), on clusters of two or more FSVMs, can fail over to another FSVM. High Availability is enabled by default on all clusters of two or more FSVMs.

When an FSVM experiences an issue, Files reassigns the IP of the FSVM to another FSVM in the cluster. The IP of the out-of-service FSVM remains available. However, the shares and exports on the impacted FSVM are unavailable for several minutes during a failover.

Affinity rules do not affect HA; multiple FSVMs can share a single host during a HA event.

QUESTION 13

An administrator is deploying a three-tier application on a Nutanix Enterprise Cloud consisting of web, application, and database VMs. Traffic between these servers must be limited to specific services/ports. There is an application layer firewall VM deployed on one host in the cluster.

In which way should the administrator meet this requirement?

- A. Create a network for each type of VM, and use policy-based routing to control the traffic flow
- B. Configure a security policy and service chain redirecting the server traffic through the firewall
- C. Separate the web, application and database VMs on to dedicated VLANs
- D. Categorize the VMs in Prism Central and utilize Flow to set a security policy

Correct Answer: D

QUESTION 14

While preparing for a new four-node cluster installation, the consultant has a Tech Review Call with the customer. The hardware is as follows:

*

4 nodes in 1 Block

*

8 x 10 GbE Ports

*

4 x 1 GbE IPMI Ports

*

Adequate Ethernet ports are available

*

Ethernet cables are correct and available

*

Adequate rack space is available

Which remaining item must be confirmed as available onsite?

A.

Crash Cart

B.

Fibre Channel switches

C.

Redundant 208v power

D.

Redundant 110v power

Correct Answer: C

QUESTION 15

A consultant creates a Windows VM after installing a new Nutanix cluster running AHV. The consultant has statically assigned an IP address to the VM but it is unable to communicate on the network. Which action should the consultant take to resolve this issue?

A. Confirm that IPv6 is enabled on the guest VM.

B. Confirm that the VM vNIC is tied to the correct VLAN in Prism Element.

C. Mount and install the Nutanix Guest Tools.

D. Set a Group Policy to make sure the Windows Firewall is disabled.

Correct Answer: B

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