

## Nutanix.NCP-CN-6.10.v2026-06-05.q54

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### NEW QUESTION: 1

By default, a full cluster backup is occurring on a daily basis on an NKP-managed cluster.

However, the Victory Finance team has requested that their applications be backed up four times a day. The user group has been assigned to the victory-finance-apps NKP workspace, and the applications have been deployed to the Kubernetes namespace victory-finance. What is the procedure for scheduling the team's application backups?

- A.** Install the Velero CLIUse the Velero CLI to create a backup schedule that includes the following parameters: - Backup name - NKP workspace to backup - Backup frequency (every six hours) - Managed NKP cluster's kubeconfig
- B.** Install the Velero CLIUse the Velero CLI to create a backup schedule that includes the following parameters: - Backup name - Kubernetes namespace to backup - Backup frequency (every six hours) - Managed NKP cluster's kubeconfig
- C.** Access the NKP UI Switch to the victory-finance-apps NKP workspaceClick on the Applications menu panel and select VeleroEdit the Velero application configuration at the cluster level for the specific NKP managed cluster (not all clusters in that NKP workspace)Set the backup frequency to four times daily
- D.** Access the NKP UI Switch to the victory-finance NKP namespaceClick on the Applications menu panel and select VeleroEdit the Velero application configuration at the cluster level for the specific NKP managed cluster (not all clusters in that NKP workspace)Set the backup frequency to four times daily

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 2

NKP Starter is bundled with which entitlement?

- A.** NCM Starter
- B.** NCI Pro
- C.** NCI Starter
- D.** NCM Pro

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 3

A Platform Engineer is running a Kubernetes cluster version 1.28.1 on AWS that needs to be upgraded to version 1.29.9. This cluster was deployed with Nutanix NKP. Which two actions should the engineer take to complete this requirement? (Choose two.)

- A. Upgrade Workers with `nkp upgrade nodepool aws ${NODEPOOL_NAME} --cluster-name=${CLUSTER_NAME} --kubernetes-version=v1.29.9`
- B. Upgrade the Cluster with `nkp update cluster aws --cluster-name=${CLUSTER_NAME} --ami AMI_ID --kubernetes-version=v1.29.9`
- C. Upgrade Workers with `nkp update nodepool aws ${NODEPOOL_NAME} --cluster-name=${CLUSTER_NAME} --kubernetes-version=v1.29.9`
- D. Upgrade Control Planes with `nkp update controlplane aws --cluster-name=${CLUSTER_NAME} --ami AMI_ID --kubernetes-version=v1.29.9`

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 4

A Platform Engineer sees no insight in all workspaces, and it is a critical feature to control all the alerts on all company's Kubernetes clusters. What does the engineer need to do to begin generating NKP Insights?

Refer the exhibit.



- A. Acquire the NKP Insights Add-on license.
- B. Install `nkp-insights` with `nkp create appdeployment nkp-insights --app nkp-insights-1.2.2 --workspace kommander-workspace`
- C. Install `nkp-insights` in every Kubernetes cluster with `kubectl apply -f nkp-insights-1.2.2 --kubeconfig=<cluster>.conf`
- D. Create a persistent volume claim and assign it to `nkp-insights`; this application requires volumes to save logs and data.

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 5

A Platform Engineer for an organization does research in Antarctica. The engineer is preparing a bastion host for deploying NKP while the infrastructure is isolated.

Which programs should the engineer ensure are installed on a bastion host before shipping the infrastructure?

- A. `awscli` and `nkp`
- B. `kubectl` and `nkp`
- C. `oc` and `az`
- D. `oc` and `kubectl`

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 6

A Platform Engineer is preparing an AWS instance using KIB for becoming an NKP cluster node.

During the process, the source AMI is successfully cloned, and multiple preparation steps have occurred against the cloned AMI, such as gathering OS-release facts and uploading image bundles to it. However, the process encounters an error and ultimately fails. What is one troubleshooting step the engineer can perform that may help identify the root cause of the issue?

- A.** Rerun the KIB command, including the parameter to instruct Ansible not to automatically delete the cloned AMI on error. This way the OS image can be accessed and further inspected.
- B.** Rerun the KIB command, including the pause parameter, so that each command in the KIB-prep sequence and its return can be reviewed in detail before allowing the prep process to continue.
- C.** Rerun the KIB command, including the parameter to set the verbosity level to debug, so that all issued AWS CLI commands and their returns are included and added to an exported log file for review.
- D.** Rerun the KIB command, including the parameter to instruct Packer not to automatically delete the cloned AMI on error. This way the OS image can be accessed and further inspected.

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 7**

A Platform Engineer is deploying NKP into a highly secure vSphere environment. The NKP cluster will be air-gapped, and must also be FIPS compliant. The OS platform to be used for NKP cluster nodes is RHEL.

What must the engineer do to properly prep an OS image and have it be deployed as a FIPS compliant NKP cluster node?

- A.** Verify the OS itself has been placed in fips mode. When performing the NKP image build operation, be sure to include the offline fips and fips overrides. When performing the NKP cluster deploy operation, be sure to include the FIPS version references for kubernetes, kubectl and etcd.
- B.** Verify the OS itself has been placed in fips mode. When performing the NKP cluster deploy operation, be sure to include the FIPS version references for kubernetes, kubectl and etcd.
- C.** Verify the OS itself has been placed in fips mode. When performing the NKP image build operation, be sure to include the offline fips override. When performing the NKP cluster deploy operation, be sure to include the FIPS version references for kubernetes and etcd.
- D.** Verify the OS itself has been placed in fips mode. When performing the NKP image build operation, be sure to include the offline fips and fips overrides. When performing the NKP cluster deploy operation, be sure to include the FIPS version references for kubernetes and etcd.

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 8**

A Platform Engineer manages an NKP v2.12.x environment and is using NKP Image Builder (NIB) to create a custom image. Which two distributions are available for use by the engineer for this task? (Choose two.)

- A.** Ubuntu
- B.** CentOS
- C.** Rocky Linux
- D.** Fedora

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 9**

A Platform Engineer is preparing to deploy an NKP cluster in an air-gapped environment.

The NKP cluster will be deployed on Nutanix infrastructure using the CAPI Nutanix provisioner (CAPX).

The engineer has decided to create the bootstrap cluster first, then NIB-prep an Ubuntu 22.04 OS image that the Linux engineering team has provided in Prism Central.

After that, the engineer will deploy the NKP cluster. However, during the first step of creating a bootstrap cluster, the engineer received the error shown in the exhibit.

What could be the reason?

Refer to the exhibit.



```
bovan@Laptop-GMOCY58:~/nkp-v2.12.8/cli$ ./nkp create bootstrap
/ Creating a bootstrap cluster
Failed to create bootstrap cluster: failed to pull image "mesosphere/venoy-bootstrap:v2.12.8": command "docker pull mesosphere/venoy-bootstrap:v2.12.8" failed with
error: exit status 1
bovan@Laptop-GMOCY58:~/nkp-v2.12.8/cli$
```

- A. The bootstrap cluster image needs to be loaded prior to creating the bootstrap cluster.
- B. The nkp create bootstrap command needs to be executed as root.
- C. The Ubuntu 22.04 OS image needs to be NIB-prepped prior to creating the bootstrap.
- D. The CAPI provisioning method needs to be specified as part of the command nkp create bootstrap nutanix.

**Answer:** (SHOW ANSWER)

#### NEW QUESTION: 10

A Platform Engineer would like to install some NKP applications, but with a few modifications to the default configuration specs of some of the components. Additionally, Velero itself can be disabled, as the company already utilizes a different backup utility for Kubernetes. Which procedure would the engineer utilize to accomplish these goals when deploying the applications?

- A. Execute nkp config kommander.Disable Velero in the resulting output file and set the custom specs for the components to be modified.Deploy the NKP applications using the nkp install kommander command, specifying the output file.
- B. Execute nkp install kommander --init to an output file.Disable Velero in the output file and set the custom specs for the components to be modified.Deploy the NKP applications using the nkp install kommander command, specifying the output file.
- C. Execute nkp install kommander --init to an output file.Set the custom specs for the components to be modified in the output file.Deploy the NKP applications using the nkp install kommander command, specifying the output file.Once the NKP applications install has completed, execute kubectl delete hr -n kommander velero.
- D. Execute nkp config kommander --init to an output file.Disable Velero in the output file and set the custom specs for the components to be modified.Deploy the applications using the helm install command, specifying the output file.

**Answer:** (SHOW ANSWER)

#### NEW QUESTION: 11

A Platform Engineer is a member of an IT team that provides Kubernetes clusters for three groups within a company named Fin Group, Inc.:

Fin VD

Fin Insurance

Fin Travel

The engineer created workspaces for each group. Fin Group Inc. has its own Active Directory implementation, while each group uses their own Identity Provider. Now, the engineer needs to assign the Tenant Administrators role for each workspace. How will the engineer complete this task?

- A. Configure the global Active Directory and assign a workspace admin user to each group.

- B. Create a role binding and assign it to manage the corresponding workspace.
- C. Configure a dedicated identity provider for each group to access their own workspace.
- D. Create a role named admin-tenant-X, where X is the name of the group, and assign that role to manage the corresponding workspace.

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 12**

An administrator has experienced issues with an NKP-managed workload cluster and has been tasked with deploying NKP Insights in order to:

Resolve common anomalies

Check security issues

Verify whether workloads follow best practices

Upon trying to enable NKP Insights, the cluster that needs to be chosen is grayed out. Which missing prerequisite should be enabled?

- A. Velero
- B. Rook Ceph
- C. Nutanix Objects
- D. Cert-manager

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 13**

When deploying an NKP cluster onto air-gapped, pre-provisioned servers, Konvoy Image Builder is utilized to prepare the servers to become NKP cluster nodes. What does the konvoy-image upload command do as a part of this preparation process?

- A. The command uploads artifacts to the servers such as the container runtime, the OS bundle, and Kubernetes components.
- B. The command uploads artifacts to the servers such as the container runtime, the OS bundle, and Kubernetes components, including optional OS hardening scripts (must be client supplied).
- C. The command is used to create a konvoy userid on the servers, as well as upload artifacts to them such as the container runtime, the OS bundle, and Kubernetes components.
- D. The command is used to upload OS hardening scripts to the server (must be client supplied).

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 14**

What is a key troubleshooting step if Velero fails to complete a backup in NKP?

- A. Inspect Velero pod logs and event messages
- B. Restart the Kommander UI
- C. Recreate the cluster
- D. Check the logging stack status

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 15**

A Platform Engineer is preparing machine images for NKP through the NIB or KIB process. What is the purpose of doing this?

- A. Creating a CAPI-compliant image for use as NKP cluster nodes

- B. Creating a custom user account for NKP admins to ensure access to NKP nodes
- C. Tagging the image to be used specifically for NKP
- D. Hardening an OS image with client-supplied hardening scripts

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 16

Which resource must be configured to allow deployment of applications into a workspace?

- A. PVC (Persistent Volume Claim)
- B. RoleBinding
- C. ServiceMonitor
- D. Infrastructure Provider

Answer: ([SHOW ANSWER](#))

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#### NEW QUESTION: 17

A company has enabled auto-scaling within an NKP cluster. What is the behavior for auto- scaling?

- A. The Power-On Status/Mode of a node is changed to meet load conditions.
- B. CPU is hot-added or hot-removed from a node.
- C. Memory is hot-added or hot-removed from a node.
- D. Nodes will be CAPI-created or CAPI-deleted as needed by the cluster.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 18

A Cloud Engineer manages an NKP environment and is preparing a machine image to become an NKP cluster node.

Which statement is regarding the default node preparation process?

- A. Shell scripts are used to harden the OS image for use as an NKP node.
- B. Ansible is used to validate the OS image is capable of running NKP.
- C. Goss is used to make the OS image CAPI compliant for use as an NKP node.
- D. Goss is used to validate the OS image is capable of running NKP.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 19

In an air-gapped environment, which action is critical for successful image building with nib?

- A. Install Kommander on the bastion host

- B. Run the build with an unrestricted public IP
- C. Point to local mirrors or cached repositories
- D. Enable a default storage class

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 20

What common issues may cause a cluster detachment process to fail? (Select two)

- A. Mismatched Prometheus metrics retention settings
- B. Active platform applications still running on the cluster
- C. Incomplete uninstallation of workspace-level configurations
- D. The cluster being paused in the infrastructure provider

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 21

A company is developing a new web application consisting of several microservices, including:

Authentication service

User management service

Payment processing service

Each microservice is developed by different teams and requires an isolated environment for testing and development. To facilitate development and testing, the team decides to create a specific workspace in NKP. What should the team do to start this new creation?

- A. From the Cluster selection, select Add Cluster.
- B. From the workspace selection dropdown list in the top menu bar, select Add Workspace.
- C. From the Administration selection dropdown list in Infrastructure Providers, select Add Infrastructure Provider.
- D. From the workspace selection dropdown list in the top menu bar, select Create Workspace.

Answer: D ([LEAVE A REPLY](#))

#### NEW QUESTION: 22

A Platform Engineer is deploying a new NKP cluster that has internet connectivity. Now, a Cloud Administrator and Security Administrator are discussing the security of communications between the NKP Kubernetes cluster and the container registry. The engineer proposes to have an on-prem private registry.

What is the most significant reason that the engineer should create a private registry instead of configuring a secure connection between the NKP cluster and Github (SaaS)?

- A. Private registry provides security and privacy.
- B. NKP cannot connect to public clouds.
- C. NKP requires specific registry versions.
- D. Private registry license is included with NKP.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 23

A developer asked a Platform Engineer to review a deployment in the cluster called `iot-1` in the workspace `iot-plant-3`, but the engineer does not have the `kubeconfig` file. Which command is valid for generating the `kubeconfig` file to review the Kubernetes cluster?

- A. `kubectl get kubeconfig --cluster-name=iot-1 -w iot-plant-3 > iot-1.conf`
- B. `kubectl get secret iot-1 -n kommander > iot-1.conf`
- C. `nkp get kubeconfig -c iot-1 -w iot-plant-3 > iot-1.conf`
- D. `nkp get configmaps -n iot-plant-3 -c iot-1 > iot-1.conf`

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 24

A Platform Engineer has been tasked with building a custom image for the deployment of NKP management and worker nodes. The engineer needs to ensure that the proper package versions are used when creating these images. The security team has only authorized version 1.30.5 of Kubernetes and version 1.7.22 of containerd. Where should the engineer go to verify that this is the version being used when building the custom image?

- A. `ansible/group_vars/all/defaults.yaml`
- B. `config/pulumivars/pulumivars.kib.config`
- C. The custom image's `.env` file
- D. `terraform/vars/default/terraform.tfvars`

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 25

Which NKP tier is required for the FIPS Compliant Build feature?

- A. Starter
- B. Pro
- C. Enterprise
- D. Advanced

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 26

Which CAPI provisioning method requires creating an inventory file of the servers to become NKP nodes?

- A. Nutanix (CAPX)
- B. AWS (CAPA)
- C. vSphere (CAPV)
- D. Pre-provisioned (CAPPP)

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 27

A company has 30 Edge devices with lightweight Kubernetes, and developers need to push the application to every edge device. An NKP administrator has the NKP Ultimate license tier configured and has access to all kubeconfig files for the 30 edge devices. What is the most efficient way that the administrator can lifecycle manage the application deployments?

- A. Create a script to automate the deployment to every edge device.
- B. Ask the developers to delete the lightweight Kubernetes and deploy new Kubernetes clusters with NKP.
- C. Create a new Workspace and attach the 30 edge devices to this workspace with Attach Cluster.
- D. Create a GitHub configuration, deploy it to the 30 edge devices, and configure them to use a GitHub account.

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 28**

What is a prerequisite for upgrading an NKP license to Ultimate?

- A. Size the Control Plane nodes appropriately to support the installation of default platform services.
- B. Size the ETCD nodes appropriately to support the installation of default platform services.
- C. Size the Worker nodes appropriately to support the installation of default platform services.
- D. Size the Sidecar containers appropriately to support the installation of default platform services.

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 29**

A Cloud Engineer would like to configure an NKP cluster that is running in the cloud to dynamically expand and compact its resource capacity for running container workloads. This will help ensure efficient use of resources without impacting online retail transaction performance that is increasingly hitting unpredictable spikes and lulls.

Which autoscaling method does NKP use and how does it scale?

- A. Cluster autoscaler and worker node replicas
- B. Horizontal-Pod autoscaler and worker node CPU/memory sizing
- C. Cluster autoscaler and worker node CPU/memory sizing
- D. Horizontal-Pod autoscaler and worker node replicas

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 30**

What network requirement is essential for the bastion host during an NKP deployment?

- A. Network reachability to internal registry, control plane, and cloud APIs
- B. Ingress routing for external clients
- C. DNS-based routing
- D. Layer 2 multicast routing

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 31**

To keep an NKP cluster and applications healthy and drive productivity forward, a Platform Engineer needs to stay informed of all events occurring within the cluster. What component of kube-prometheus-stack will help the engineer to stay informed of these events in NKP?

- A. prometheus-operator
- B. node-exporter
- C. service monitors
- D. alertmanager

Answer: ([SHOW ANSWER](#))

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**NEW QUESTION: 32**

In which unit are NKP licenses able to be obtained?

- A. CPU Cores
- B. Flash
- C. CPU Sockets
- D. TiBs

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 33**

What is a valid troubleshooting step if the bootstrap cluster creation fails due to unreachable control plane components?

- A. Reduce the cluster node size
- B. Enable image pull secrets
- C. Restart the Prism Central VM
- D. Verify network connectivity and firewall rules

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 34**

A corporate IT team provides Kubernetes clusters for three groups within the company:

Fin VD

Fin Insurance

Fin Travel

The IT group needs to federate policy for all Kubernetes clusters from a single pane of glass, but separate the Kubernetes clusters according to the group that uses them. How should the IT team license and configure their NKP environment to satisfy these requirements?

- A. NKP Ultimate for fleet management, creating three workspaces and assigning the corresponding Kubernetes cluster to each workspace.
- B. NKP Pro for project management, creating three projects and assigning the corresponding Kubernetes cluster to each project.
- C. NKP Pro for workspace management, creating three workspaces and assigning the corresponding Kubernetes cluster to each workspace.
- D. NKP Starter for Kubernetes management, creating Kubernetes clusters for every company.

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 35**

NKP cluster nodes require a disk for some of its deployed components, outside of an application's persistent volume requirements. What are these components and where are they deployed?

- A. kubelet and containerd in /var/lib
- B. kubectl and kubelet in /var/nkp
- C. kubelet and containerd, in /opt/nkp
- D. kubectl and kubelet in /opt/nkp

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 36

A Kubernetes administrator has been tasked with deploying a new cluster to AWS. The administrator has received the following requirements for this deployment:

Region us-east-1

AMI rhel8.6

What is a requirement for deploying a new cluster in AWS?

- A. Use --ami-format parameter
- B. Set an export KUBECONFIG
- C. Set an export AWS\_REGION
- D. Use --dry-run parameter

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 37

A current Nutanix cluster is hosting an NKP cluster and a production Kubernetes cluster named production. Infrastructure administrators recently added three nodes with NVidia GPUs for a new AI initiative, and now a Platform Engineer has been asked to add three workers with the GPUs to the production Kubernetes cluster. Which first step should the engineer take to achieve this task?

```
Refer to the exhibit.
NUTANIX
[nutanix@nkp-boot ~]$ nkp get nodepools -c production -n kommander-default-workspace
NODEPOOL      DESIRED  READY  KUBERNETES VERSION
md-0          4        4      v1.29.9
```

- A. Add the GPU Operator to the new workers: `kubectl apply -f - - kind: Installation apps: nvidia-gpu-operator: enabled: true values: | toolkit: nodepool: md-0 EOF`
- B. Configure Multi-Instance GPU (MIG): `kubectl label nodes ${NODE} nvidia.com/mig.config=all-1g.6gb` `verwrite`
- C. Create a GPU-compatible OS Image with: `nkp create image nutanix --gpu \- gpu-name=${GPU_NAME} \- cluster=${NUTANIX_CLUSTER_NAME} \- endpoint=${NUTANIX_PC_ENDPOINT} \- subnet=${NUTANIX_SUBNET} ubuntu-22.04`
- D. Create a nodepool of workers with GPU: `nkp create nodepool nutanix -c $CLUSTER_NAME \- vm-image $NAME_OF_GPU_OS_IMAGE_CREATED_BY_NKP_CLI \- o yaml -- subnets $NUTANIX_SUBNET_NAME \- prism-element-cluster $NUTANIX_PRISM_ELEMENT_CLUSTER_NAME \- nodepool_name`

**Answer:** ([SHOW ANSWER](#))

### NEW QUESTION: 38

After selecting the Production workspace and selecting View Details for the cluster prod-01, a Platform Engineer wanted to enable the NKP Insights application. This application is under the Observability category, but this category doesn't appear in the list. Which action should the engineer take to be able to deploy the NKP Insights application in the Kubernetes cluster for this workspace?



- A. Select Applications in the left menu, press the three-dot menu in the NKP Insights application option, and select Enable.
- B. Select Insights in the left menu and select the Enable button.
- C. Select Clusters in the left menu, select Applications, and select Enable in the NKP Insights three-dot menu.
- D. Select Clusters in the left menu, select View Details for the cluster prod-01, then in the Application Dashboard, select Enable in the NKP Insights three-dot menu.

Answer: [\(SHOW ANSWER\)](#)

### NEW QUESTION: 39

A Platform Engineer is trying to create a new NKP cluster and is getting the error shown in the exhibit. What is the most likely cause of this error?

Refer to the exhibit.

```
* Creating a bootstrap cluster
error creating a bootstrap cluster: failed to list kind clusters when bootstrapping
failed to list clusters: command 'kubectl --insecure-skip-tls-verify --label-io.x-k8s.kind.clust
--format '{{.Label "io.x-k8s.kind.clust' error: exit status 1
```

- A. Informatting in the Ansible playbook
- B. Inpermissions to the NKP binary
- C. A docker compatible runtime is not running
- D. An inHelm chart repo was referenced

Answer: [\(SHOW ANSWER\)](#)

### NEW QUESTION: 40

An administrator has been trying to deploy an initial AHV-based NKP cluster in a dark site (no Internet connectivity) environment using the command shown in the question.

```
nkp create cluster nutanix \  
--cluster-name=$CLUSTER_NAME \  
--control-plane-prism-element-cluster=$PE_NAME \  
--worker-prism-element-cluster=$PE_NAME \  
--control-plane-subnets=$SUBNET_ASSOCIATED_WITH_PE \  
--worker-subnets=$SUBNET_ASSOCIATED_WITH_PE \  
--control-plane-endpoint-ip=$AVAILABLE_IP_FROM_SAME_SUBNET \  
--csi-storage-container=$NAME_OF_YOUR_STORAGE_CONTAINER \  
--endpoint=$PC_ENDPOINT_URL \  
--control-plane-vm-image=$NAME_OF_OS_IMAGE_CREATED_BY_NKP_CLI \  
--worker-vm-image=$NAME_OF_OS_IMAGE_CREATED_BY_NKP_CLI \  
--registry-url=${REGISTRY_URL} \  
--registry-mirror-username=${REGISTRY_USERNAME} \  
--registry-mirror-password=${REGISTRY_PASSWORD} \  
--kubernetes-service-load-balancer-ip-range $START_IP-$END_IP \  
--self-managed
```

Which missing attribute needs to be added in order for the deployment?

- A. --insecure
- B. --registry-url
- C. --airgapped
- D. --registry-username

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 41

A Platform Engineer is getting started with NKP and has created a bastion host with all needed prerequisites. How should the engineer install Kommander?

- A. AWS CLI
- B. Terraform
- C. Ansible
- D. NKP CLI

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 42

A Platform Engineer is preparing machine images for NKP through the NIB or KIB process. What is the purpose of doing this?

- A. Hardening an OS image with client-supplied hardening scripts
- B. Creating a custom user account for NKP admins to ensure access to NKP nodes
- C. Tagging the image to be used specifically for NKP
- D. Creating a CAPI-compliant image for use as NKP cluster nodes

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 43

The Platform Engineer needs to expand an NKP Pro demo cluster due to workload capacity constraints. The demo cluster has 150 vCPUs available to it from a licensing standpoint. Each worker node has 8 vCPUs and each control plane node has 4 vCPUs. Which two options are valid for expanding the demo cluster and remaining compliant with licensing? (Choose two.)

refer the command output.

```
nutanix@nkp-boot ~]$ nkp get nodepools -c demo -n kommander-default-workspace
NODEPOOL DESIRED READY KUBERNETES VERSION
demo-md-0 10 10 v1.29.9
nutanix@nkp-boot ~]$ kubectl get nodes --kubeconfig=demo.conf
NAME                                STATUS ROLES   AGE   VERSION
demo-md-0-gs6c5-n2kp5-24rgz        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-6cmwz        Ready  <none>    22h   v1.29.9
demo-md-0-gs6c5-n2kp5-9hkgd        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-dqzlx        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-j45lw        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-nbbjj        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-r5sdb        Ready  <none>    127m  v1.29.9
demo-md-0-gs6c5-n2kp5-rgczs        Ready  <none>    22h   v1.29.9
demo-md-0-gs6c5-n2kp5-swtfd        Ready  <none>    127m  v1.29.9
```

- A. Add 6 additional control planes.
- B. Create a new worker nodepool consisting of 10 nodes with 8 vCPUs per node.
- C. Expand the original worker nodepool by up to 8 nodes.
- D. Expand the original worker nodepool by up to 4 nodes and create a new worker nodepool consisting of 6 nodes with 4 vCPUs/node.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 44

The bastion host is currently set up with Rocky Linux and the engineer will need to configure it to meet the requirements for the air-gapped cluster.

Which first step should the engineer take to configure the bastion host?

- A. Configure the bastion VM with a public IP address.
- B. Create a bootstrap cluster.
- C. Set up a connection on the bastion host so that it can pull images from Docker Hub.
- D. Install the pre-requisites yum-utils, bzip2, and wget.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 45

An infrastructure team has configured a Backup Storage Location on an existing AWS bucket and created a backup named testbackup.

What command can the team use to view the backup?

- A. `kubectl get backupstoragelocations -n ${WORKSPACE_NAMESPACE} -o yaml`
- B. `velero backup describe testbackup`
- C. `velero backup describe aws-velero-testbackup`

D. `kubectl get backupstoragelocations -n ${testbackup} -o yaml`

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 46

A company has decided to expand NKP to features that require higher product tiers, like fleet- management and additional infrastructure providers. The company has already obtained the necessary licensing. Which action is required when adding and activating a license from NKP Starter to a higher-tier product?

- A. Regenerate the ACME-based certificate for NKP.
- B. Log out and log back in as a Global License Administrator.
- C. Ensure that worker nodes are sized appropriately.
- D. Contact Nutanix Support.

Answer: ([SHOW ANSWER](#))

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#### NEW QUESTION: 47

A Platform Engineer manages an NKP environment and is preparing a machine image to become an NKP cluster node. Which statement is correct regarding the default node preparation process?

- A. Packer is used to make the OS image CAPI-compliant for use as an NKP node.
- B. Goss is used to harden the OS image for use as an NKP node.
- C. Ansible is used to make the OS image CAPI-compliant for use as an NKP node.
- D. Terraform is utilized to clone an existing OS image for use as an NKP node.

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 48

An ecommerce company decides to apply an autoscaling configuration in its NKP cluster due to the fact that on holidays, they experience service drops due to a huge increase of simultaneous traffic. Which statement best describes the configuration shown in the exhibit?

- A. The autoscaler could increase the number of nodes up to 3, but never reduce it below 15.
- B. The autoscaler could have 15 or 3 nodes.
- C. The autoscaler could increase the number of nodes up to 15, but never reduce the number below 3.
- D. The autoscaler could increase the number of nodes as needed, but never reduce it below 3.

Answer: C ([LEAVE A REPLY](#))

### NEW QUESTION: 49

Some time ago, an EKS cluster was attached to be managed with NKP (Fleet Management).

Now, a Platform Engineer has been asked to disconnect the EKS cluster from NKP for licensing reasons. After disconnecting the cluster, the developers realized that application changes are still being reflected in the EKS cluster, despite the fact that the EKS cluster was successfully detached from NKP. How should the engineer resolve this issue?

- A. Forcefully detach EKS cluster: `nkp detach cluster -c detached-cluster-name --force`
- B. Developers must have some bad configuration in the deployment config files. Ask for revision or call AWS technical support.
- C. Detached cluster must also be deleted from NKP: `nkp delete cluster -c detached-cluster-name`
- D. Detached cluster's Flux installation must be manually disconnected from the management Git repository: `kubectl -n kommander-flux patch gitrepo management -p '{"spec":{"suspend":true}}' -- type merge`

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 50

An administrator is provisioning an NKP cluster. After the VM creation task, the error shown in the exhibit is produced.

What could be the reason?

```
Refer to the exhibit.

NUTANIX™

✓ Creating a bootstrap cluster
✓ Upgrading CAPI components
✓ Waiting for CAPI components to be upgraded
✓ Initializing new CAPI components
✓ Creating ClusterClass resources
✓ Creating ClusterClass resources
Generating cluster resources
✓ Waiting for cluster infrastructure to be ready
✓ Waiting for cluster control-planes to be ready
✓ Waiting for machines to be ready
✗ Upgrading CAPI components
error running controllers in new cluster: error upgrading CAPI components: unable to upgrade CAPI components:
deployment "copp-controller-manager" is not ready after 10m0s: failed to connect to the management cluster:
action failed after 0 attempts: context deadline exceeded
```

- A. VM doesn't have communication to the registry.
- B. VM does not have the Linux version.
- C. NKP Software is not loaded in the registry.
- D. Private registry software or version is not the recommended.

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 51

In a telecom company, two teams were working on the development of two different applications:

ApplicationA

ApplicationB

ApplicationA's development team was excited about the release of their new functionality.

However, upon deploying their application, they noticed that performance was slow. After investigating, they discovered that the ApplicationB team was consuming the majority of the cluster's resources, affecting all other teams. How can this problem be mitigated?

- A. Implementing Quotas and Limit Ranges
- B. Implementing Continuous Deployment (CD)
- C. Setting up Network Policies
- D. Configuring RBAC

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 52

A Platform Engineer for an organization needs to deploy NKP into AWS while using custom credentials for authenticating. Which flag should the engineer use when starting to bootstrap the cluster installation?

- A. `--with-aws-bootstrap-credentials=true`
- B. `--aws-access-key=<aws access="" key=""> --aws-secret-key=<aws secret="" key=""></aws></aws></my-profile></my-profile>`
- C. `--cloud-credentials=<my-profile>`
- D. `--aws-profile=<my-profile>`

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 53

NKP Starter is bundled with which entitlement?

- A. NCI Starter
- B. NCM Pro
- C. NCI Pro
- D. NCM Starter

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 54

A development Kubernetes cluster deployed with NKP is having performance issues. The Cloud Engineer commented that worker VMs are consuming a lot of CPU and RAM. The Platform Engineer took a look at the CPU and RAM statistics with Grafana and confirmed that the worker VMs are running out of CPU and memory. The Kubernetes cluster has 4 workers with 8 vCPUs and 32 GB RAM. What could the Platform Engineer do?

- A. Add one more worker with `nkp scale nodepools ${NODEPOOL_NAME} --replicas=5 --cluster-name=${CLUSTER_NAME} -n ${CLUSTER_WORKSPACE}`
- B. Add more CPU and memory to workers with `nkp scale --cpu 16 --memory 64 --cluster-name ${CLUSTER_NAME}`
- C. Ask developers to lower the number of application replicas.
- D. Call tech support to take a look at the infrastructure and investigate.

Answer: ([SHOW ANSWER](#))

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