

# NetApp Certified Data Administrator - Cloud (NS0-403)

1. You want to manage your applications using NetApp Astra Control within your Azure account. Which two actions must be completed before accomplishing this task? (Choose two.)

- A. Manually provision Azure Blob storage
- B. Delegate a subnet to Azure NetApp Files.
- C. Set up a capacity pool.
- D. Export your Azure AD Administrator key and import it into Astra Control.

**Answer(s):** B D

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2. Your company uses all four of NetApp's storage offerings: ONTAP, StorageGRID, Element, and E- Series. You are asked to provide persistent storage to the OpenShift group by using NFS. In this scenario, which of the available storage deployments would provide access?

- A. StorageGRID
- B. ONTAP Select
- C. E-Series
- D. Element

**Answer(s):** C

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3. You want to add your NetApp StorageGRID embedded Prometheus instance as a data source to Grafana

- A. What must be done to accomplish this task?
- B. Unblock port 9090 on the StorageGRID primary admin node.
- C. Deploy a gateway node in StorageGRID.
- D. Reboot the StorageGRID primary admin
- E. Create a dashboard for StorageGRID in Grafana.

**Answer(s):** C

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4. You have a single node Cloud Volumes ONTAP (CVO) system in AWS. In this scenario, which two activities will cause system downtime? (Choose two.)

A. Change the disk type of a volume from HDD (st1) to SSD (gp2).

B. Change the Cloud Volumes ONTAP EC2 instance type.

C. Upgrade the Cloud Volumes ONTAP system software.

D. Apply a new Cloud Volumes ONTAP license.

**Answer(s):** C D

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5. As a DevOps engineer, you want a single tool that uses one automation language consistently across orchestration, application deployment, and configuration management. In this scenario, which tool would you choose?

A. Docker

B. Ansible

C. Selenium

D. Octopus

**Answer(s):** D

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6. What are three version control processes? (Choose three.)

A. Subversion

B. version

C. Perforce

D. revision

E. Git

**Answer(s):** B C D

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7. What are two stages in the DevOps lifecycle? (Choose two.)

A. plan

B. architect

C. operate

D. destroy

**Answer(s):** C D

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**8.** You have an AFF A400 system with NetApp ONTAP 9.8 installed. You want to configure the NetApp Cloud Tiering service to tier data to AWS object storage. The communication between your cluster and the AWS cloud needs to be encrypted. You have installed the FabricPool license, but your ONTAP cluster cannot reach the S3 bucket.

Which two configurations are causing the error? (Choose two.)

A. You have not configured the TLS encryption.

B. You have not configured your firewall to allow outbound traffic on port 443.

C. You have not configured a LIF with a public IP address.

D. You have not configured a LIF with the intercluster role.

**Answer(s):** C D

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**9.** A customer made a mistake and deleted some important notes in their Jupyter notebooks. The customer wants to perform a near-instantaneous restore of a specific snapshot for a JupyterLab workspace.

Which command in the NetApp DataOps Toolkit will accomplish this task?

A. `./ntap_dsutil.py restore snapshot`

B. `./ntap__dsutil__k8s.py clone volume`

C. `./ntap_dslit±l_k8s.py list jupyterlab-snapshot`

D. `./ntap_clsut±l_k8s .py restore jupyterlab-snapshot`

**Answer(s):** C

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**10.** You used a Terraform configuration to create a number of resources in Google Cloud for testing your applications. You have completed the tests and you no longer need the infrastructure. You want to delete all of the resources and save costs.

In this scenario, which command would you use to satisfy the requirements?

A. terraform untaint

B. terraform apply

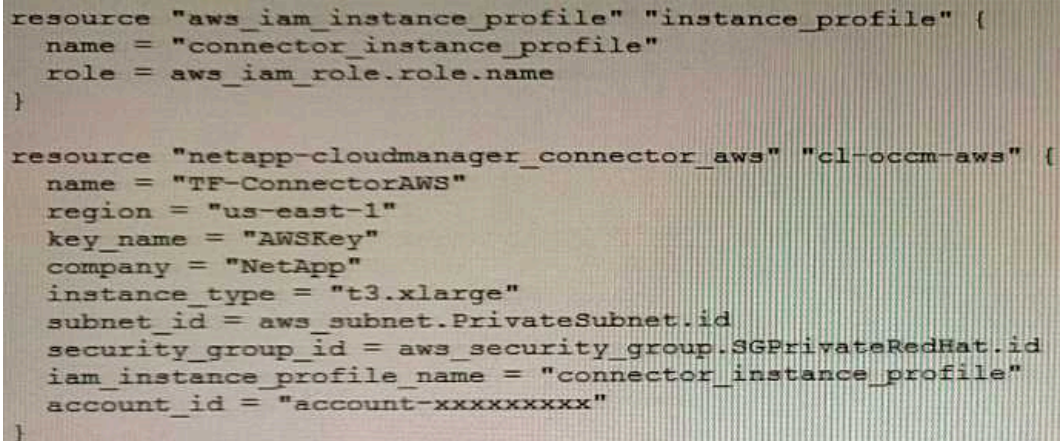
C. terraform force--unlock

D. terraform destroy

**Answer(s): D**

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11. Click the Exhibit button.



```
resource "aws_iam_instance_profile" "instance_profile" {
  name = "connector_instance_profile"
  role = aws_iam_role.role.name
}

resource "netapp-cloudmanager_connector_aws" "cl-occm-aws" {
  name = "TF-ConnectorAWS"
  region = "us-east-1"
  key_name = "AWSKey"
  company = "NetApp"
  instance_type = "t3.xlarge"
  subnet_id = aws_subnet.PrivateSubnet.id
  security_group_id = aws_security_group.SGPrivateRedHat.id
  iam_instance_profile_name = "connector_instance_profile"
  account_id = "account-xxxxxxxxx"
}
```

Referring to the exhibit, which two source resources? (Choose two.)

A. source = "hashicorp/terraform"

B. source = "hashicorp/aws"

C. source = "terraform/terraform"

D. source = "NetApp/netapp-cloudman"

**Answer(s): A C**

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12. Your organization is adopting DevOps principles to deliver innovation rapidly. Which three methods support this approach? (Choose three.)

A. Automate processes as much as possible.

B. Plan to reduce the blast radius of failures.

C. Implement version control for code changes.

D. Implement daily stand-up meetings for all team members.

E. Allow more people within the organization to approve changes.

**Answer(s): A B E**

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13. Your customer is writing a curl command to test an API call to deploy Cloud Volumes OWTAP for AWS. They want to know what the content-Type parameter should be set to in the header of the HTTP request. In this scenario, what would you tell the customer?

A. Set the parameter to text/plain.

B. Set the parameter to application/json

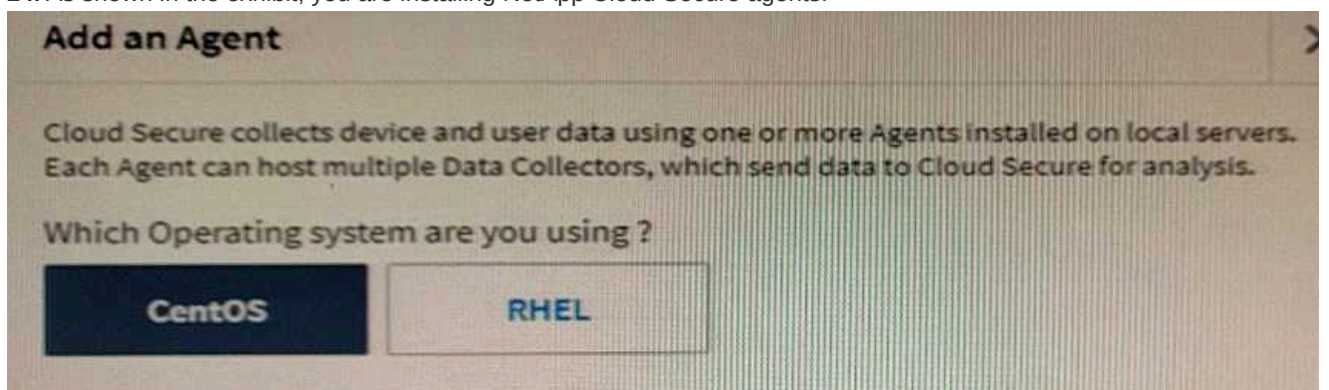
C. Set the parameter to application/xml

D. Set the parameter to text/html.

**Answer(s): C**

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14. As shown in the exhibit, you are installing NetApp Cloud Secure agents.



In this scenario, which component must be deployed for Cloud Secure to report findings?

A. connector from Cloud Manager

B. data broker

C. container in Astra

D. acquisition unit from Cloud Insight

**Answer(s): C**

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15. You have a hybrid storage environment with on-premises ONTAP 9.8 clusters and Cloud Volumes ONTAP for AWS 9.8 clusters. You have a requirement to automatically discover, map, and classify your data. In this scenario, which NetApp service satisfies this requirement?

A. Cloud Data Sense

B. Cloud Secure

C. Cloud Volume Service

D. Cloud Sync

**Answer(s): C**

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**16.** Your customer is running their Kafka and Spark applications inside a Kubernetes cluster. They want to create a single backup policy within Astra to automate the backup of both applications and all their related Kubernetes objects at the same time.

Which method in Kubernetes should be used to accomplish this task?

A. Create a Helm chart that deploys Kafka and Spark and their related objects to multiple namespaces.

B. Put the applications and their objects in a single namespace, or label all the objects with a single label that Astra can recognize.

C. Create a Kubernetes custom resource definition that includes all of the objects that Astra needs to treat as a single entity.

D. Use a single Trident-based StorageClass to provision all storage for Kafka and Spark.

**Answer(s): C**

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**17.** You need to find the documentation for an Ansible module without access to the Internet. In this scenario, which command will show you the documentation for `na_ontap_volume`?

A. `ansible--doc netapp.ontap.na_ontap_volume`

B. `ansible--doc --lookup netapp.ontap.na_ontap_volume`

C. `ansible--help netapp.ontap.na_ontap_volume`

D. `ansible --doc netapp.ontap.na_ontap_volume`

**Answer(s): D**

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**18.** You are asked to configure NetApp Trident to provide dynamic and persistent storage using Azure NetApp Files to your Azure Kubernetes Service (AKS) cluster. In this scenario, which three elements do you need to configure your Trident back end? (Choose three.)

A. an App Registration or service principal

B. an ONTAP cluster credential

C. an Azure portal credential

D. an Azure subscription ID

E. an Azure location/region with a subnet delegated to Microsoft .Netapp/volumes

**Answer(s): A C D**

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19. During software development, a team creates use cases, class diagrams, Unified Modeling Language models, software architecture documents, requirements documents, and design documents. Collectively, in this scenario, what are these tangible by-products called?

A. application programming interface

B. software development kits

C. build tools

D. artifacts

**Answer(s): B**

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20. Using Astra Control, which three steps must be completed to protect your Kubernetes-based applications? (Choose three.)

A. Set the snapshot retention.

B. Set the snapshot schedule.

C. Copy the protection. YAML file to the/etc/ directory.

D. Choose the application to protect.

E. Install the appropriate application agent

**Answer(s): A D E**

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