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Netapp NS0-402

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QUESTION NO: 1

You are asked to implement a monitoring solution for your VM environment that is hosted on NetApp storage; however, you have no budget for this task. You decide to use Cloud Insights to accomplish your task.

What are two capabilities of this solution? (Choose two.)

A. Create customized, real-time dashboards.

B. Enable user data access auditing.

C. Set up monitoring and alerting.

D. Integrate Cloud Insights with your ActiveIQ information.

ANSWER: A C

Explanation:

Reference: https://cloud.netapp.com/hubfs/WP-7302-Cloud-Insights-Monitoring-Guide.pdf

QUESTION NO: 2

You have a NetApp ONTAP Select instance that is serving a 400 GB nfsv3 export to an IoT application. You need to run AI in AWS on this dataset for both reads and writes to update metadata. The master copy of the data must remain in ONTAP Select.

In this scenario, which NetApp technology will enable the capability for a master on-premises copy and a remote AWS copy of the same dataset?

A. FabricPool

B. FlexCache

C. Flash Pool

D. Flash Cache

ANSWER: B

Explanation:

Reference: https://cloud.netapp.com/blog/podcast-flexcache-for-cloud-volumes-ontap

QUESTION NO: 3

You are creating an Ansible playbook for use against an ONTAP cluster that is using HTTPS with the auto-generated certificates. In this scenario, which two elements must be in every task? (Choose two.)

A. self_signed: true

B. validate_certs: false

C. https: true

D. security: https

ANSWER: B C

QUESTION NO: 4

You are asked to design a Trident solution on NetApp ONTAP for a highly scaled Kubernetes environment that contains thousands of stateful microservice applications.

Which ONTAP Trident driver should be used in such a highly scaled environment?

A. ontap-nas-flexgroup

B. ontap-nas

C. ontap-nas-economy

D. ontap-san

ANSWER: C

Explanation:

Reference: https://github.com/NetApp/trident/issues/64

QUESTION NO: 5

You are asked to help a customer architect a private cloud solution using a tightly integrated converged infrastructure that can be managed by the vendor. You decide to present FlexPod Managed Private Cloud as a solution.

In this scenario, what are three results of this solution? (Choose three.)

A. the ability to present storage using FC, iSCSI, or NFS

B. allows for a variety of server vendors

C. only available with software-defined storage

D. validated designs that are available for a variety of applications

E. the ability to provide rapid redeployment of resources using software-defined service profiles

ANSWER: A D E

QUESTION NO: 6

You want to integrate data cloning with the rest of the infrastructure deployment to create a test environment.

In this scenario, which automation mechanism would be incorporated for your cloud-based testing?

A. Ansible playbook using REST API calls for different tasks

B. Ansible playbook using ZAPI calls for different tasks

C. cloning the environment from within System Manager

D. SOAP calls from a client tool

ANSWER: A

Explanation:

Referring: https://cloud.netapp.com/blog/automated-data-cloning-for-cloud-based-testing

QUESTION NO: 7

You are deploying NetApp Cloud Volumes ONTAP in Azure. As part of this deployment, you must enable NetApp Volume Encryption (NVE) to protect your data at rest.

In this scenario, which supported step would you perform?

A. Use Azure storage service encryption.

B. Install External Key Manager.

C. Purchase an Encryption license.

D. Enable the Onboard Key Manager.

ANSWER: B

Explanation:

Reference: https://cloud.netapp.com/blog/how-to-ensure-maximum-enterprise-data-protection-and-security

QUESTION NO: 8

You are setting up a containerized environment with persistent storage. Trident has been installed, and the Trident back end for NetApp SolidFire has been created by using the tridentctl command. Now, you need to deploy an application that requires an Extreme class of service.

```
{
  "version": 1,
  "storageDriverName": "solidfire-san",
  "Endpoint": "https://username:password@10.1.1.1/json-rpc/7.0",
  "SVIP": "10.1.2.50:3260",
  "BackendName": "sf",
  "TenantName": "tenant1",
  "InitiatorIFace": "default",
  "DefaultVolSz": 1,
  "UseCHAP": true,
  "Types": [{"Type": "Standard", "Qos": {"minIOPS": 1000, "maxIOPS": 2000, "burstIOPS": 4000}},
            {"Type": "Premium", "Qos": {"minIOPS": 4001, "maxIOPS": 6000, "burstIOPS": 8000}},
            {"Type": "Extreme", "Qos": {"minIOPS": 8001, "maxIOPS": 9000, "burstIOPS": 10000}}]
}
```

Referring to the exhibit, which two configurations would accomplish this task? (Choose two.)

A.
```
apiVersion: storage.k8s.io/v1
kind: StorageClass
metadata:
    name: storage-class-hci-extreme
provisioner: csi.trident.netapp.io
parameters:
    snapshots: "true"
    BackendType: "solidfire-san"
    IOPS:    "Extreme:8050"
```

B.
```yaml
apiVersion: storage.k8s.io/v1
kind: StorageClass
metadata:
  name: storage-class-hci-extreme
provisioner: csi.trident.netapp.io
parameters:
  snapshots: "true"
  storagePools: "tenant1:Extreme"
```

C.
```yaml
apiVersion: storage.k8s.io/v1
kind: StorageClass
metadata:
  name: storage-class-hci-extreme-tenant1
provisioner: csi.trident.netapp.io
parameters:
  snapshots: "true"
  BackendType: "solidfire-san"
  IOPS:  "8050"
```

D.
```yaml
apiVersion: storage.k8s.io/v1
kind: StorageClass
metadata:
  name: storage-class-hci-extreme
provisioner: csi.trident.netapp.io
parameters:
  snapshots: "true"
  storagePools: "sf:Extreme"
```

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: B D

QUESTION NO: 9

A customer has implemented a NetApp-based hybrid cloud solution using NetApp Cloud Volumes ONTAP for AWS and NetApp Cloud Volumes ONTAP for Azure. Users are complaining about slow read and write speeds when they access data from Microsoft Azure while they are using compute resources in AWS. Which three actions would solve the problem? (Choose three.)

A. Move user compute resources to AWS from Azure.

B. Monitor network connectivity between AWS and Azure.

C. Transition volumes from Cloud Volumes ONTAP for Azure to Cloud Volumes ONTAP for AWS.

D. Increase the instance size and type of Cloud Volumes ONTAP for AWS.

E. Modify the underlying storage resources of Cloud Volumes ONTAP for Azure.

ANSWER: A B D

QUESTION NO: 10

You are automating the build process of several NetApp ONTAP Select instances. You want to automate the installation of license keys using the ONTAP REST API that is expecting an array as valid input.

Which automation process is correct in this scenario?

A. {
   "keys":
["KQSRRRRRYVHXCFABGAAAAAAAAAAA, SOHOURRRYVHXCFABGAAAAAAAAAA
EJFDVRRRYVHXCFABGAAAAAAAAAAA"]
}

B. {
   keys:
"KQSRRRRRYVHXCFABGAAAAAAAAAAA, SOHOURRRYVHXCFABGAAAAAAAAAA,
EJFDVRRRYVHXCFABGAAAAAAAAAAA"
}

C. {
   "keys": @ ("KQSRRRRRYVHXCFABGAAAAAAAAAAA,
SOHOURRRYVHXCFABGAAAAAAAAAA, EJFDVRRRYVHXCFABGAAAAAAAAAAA")
}

D. {
   "key1": KQSRRRRRYVHXCFABGAAAAAAAAAAA
   "key2": SOHOURRRYVHXCFABGAAAAAAAAAA
   "key3": EJFDVRRRYVHXCFABGAAAAAAAAAAA
}

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: B