Nutanix

Exam Questions NCP-US-6.10

Nutanix Certified Professional - Unified Storage (NCP-US) v6.10

NEW QUESTION 1
What is the most likely cause no Prism Element clusters are listed when trying to create a new object store?

A. The administrator did not manually sync Prism Element to Prism Central after registration.
B. Prism Element cluster CVMs must be restarted after registration.
C. Although Prism Element is registered, object stores cannot be added via Prism Central.
D. Prism Element has not yet completed synchronization with Prism Central.

Answer: D

NEW QUESTION 2
An administrator wants to provide access to users or to user groups to manage all existing Nutanix Objects instances without providing any write access to buckets on the Objects instances from the Prism Central web console.
What Role Based Access Control must be provided?

A. View Only Administrator
B. Full Administrator
C. Infra Administrator
D. Non Administrator

Answer: A

NEW QUESTION 3
When naming an Object Store instance, which two naming rules must be followed? (Choose two.)

A. Must be a minimum of three and a maximum of 32 characters long.
B. Must begin with a number and end with a letter or number.
C. Must begin with a letter, and end with a letter or number.
D. Must be unique across all existing object store names in Objects.

Answer: AC

NEW QUESTION 4
A user with Edit Buckets permission has been tasked with deleting old Nutanix Objects buckets created by a former employee.
Why is this user unable to execute the task?

A. User is only able to delete buckets assigned to them.
B. The buckets don't have Object Versioning enabled.
C. The buckets don't have a Lifecycle Policy associated.
D. User does not have the Delete Buckets permission.

Answer: D

NEW QUESTION 5
The administrator creates an S3 bucket as the backup target. While creating the Nutanix Objects endpoint to the newly created S3 bucket, the following error is observed:
??Method Not Allowed: An object from the object-lock enabled bucket can not be modified or deleted unless the retention period is elapsed.??
What is the most likely cause?

A. The S3 bucket name is incorrect.
B. Write Once Ready Many (WORM) is enabled on the S3 bucket.
C. Object-Level permissions are incorrect for GET, HEAD, and PUT bucket-level permissions.
D. The API key is not configured correctly.

Answer: B

NEW QUESTION 6
An administrator needs to create a Nutanix Data Lens Report, which will be scheduled to automatically run Friday at 7:00pm. Which two formats can be used for the scheduled report? (Choose two.)

A. JSON
B. CSV
C. XML
D. PDF

Answer: BD

NEW QUESTION 7
During a Windows 2019 Failover Cluster deployment, an administrator is unable to deploy a Nutanix Files witness share.
The Nutanix Files cluster environment is as follows:
? SMB shares need to be highly available
? DFS is enabled for the cluster
? Three FSVMs are deployed
? General share type is used
? WORM is disabled

What should the administrator do to resolve the issue?

A. Use homes as the share type.
B. Enable WORM.
C. Use NFS for shares.
D. Disable DFS on the share.

Answer: D

NEW QUESTION 8
An administrator has been tasked with troubleshooting a storage performance problem for a large database VM with the following configuration:
? 16 vCPU
? 64 GB RAM
? One 50 GB native AHV virtual disk hosting the guest OS
? Six 500 GB virtual disks containing database files connecting via iSCSI to a Nutanix volume group
? One NIC for client connectivity
? One NIC for iSCSI connectivity
In the course of investigating the problem, the administrator determines that the issue is isolated to large block-size I/O operations. What step should the administrator take to improve performance for the VM?

A. Add an additional NIC for iSCSI connectivity and enable MPIO
B. Add additional virtual disks to the volume group
C. Increase the iSCSI adapter maximum transfer length
D. Locate the iSCSI NIC on the same VLAN as the cluster DSIP

Answer: A

NEW QUESTION 9
Which two protocols can be enabled during a Nutanix Files installation? (Choose two.)

A. S3
B. NFS
C. SMB
D. iSCSI

Answer: BC

NEW QUESTION 10
An administrator has been asked to classify data in Data Lens to help with monitoring data usage.
Data Lens uses the file category configuration to do what?

A. Classify File Size
B. Classify Access Time
C. Classify File Extensions
D. Classify Owner

Answer: C

NEW QUESTION 10
An administrator has configured two object store instances, one in New York and the other in London. Both object stores are managed by their own Prism Central instances running compatible versions. Availability zone pairing and IAM replication has been configured between Prism Central instances; the implementation requires a common namespace. Which action should the administrator take next?

A. Create a Federated Namespace
B. Create a File System Namespace
C. Create a Global Namespace
D. Create a Kubernetes Namespace

Answer: C

NEW QUESTION 13
An administrator is setting a Windows client to access a Volume Group (VG) served by a Nutanix cluster.
Which configuration items should the administrator take from the cluster? (Choose two.)

A. The cluster's data services IP (DSIP)
B. The cluster's fully qualified domain name (FQDN)
C. The IPs of all cluster CVMs IP
D. The VG name

Answer: AD

NEW QUESTION 16
An administrator is required to provide a summary of metrics to the Security team. The entity information being asked for by the Security team is as follows:
• Total folders where permissions are tracked
• Size of those folders
• Total unique users
• Total unique groups

In which product and dashboard would the administrator find all the requested data?

A. Data Lens - Recommendations
B. File Analytics - Top Users
C. Data Lens Footprint Widget
D. File Analytics File Operations

Answer: C

NEW QUESTION 18
An administrator has created a multi-protocol department share on Nutanix Files with the following configuration:
? Max size of 800GB
? SMB as the primary protocol
? NFS configured for read-write access
? Quota policy for AD group HR, limiting to 20GB
? Second quota policy of 30GB for AD group Finance
A user who is a member of the HR group receives daily email notifications that they have consumed all available space but is still able to write new files. Another user in the Finance group using Linux can write files and receives no email notification.
What should an administrator do to restrict the HR user from writing new data?

A. Remove the default quota policy.
B. Set a user level quota.
C. Reduce the Finance quota limit.
D. Set hard limit enforcement.

Answer: D

NEW QUESTION 21
An administrator has been asked to implement a solution that allows users to:
• Recover single files
• Retrieve shares
• Set snapshot frequency Which feature should be used?

A. Protection Domain
B. Smart DR
C. Access Based Enumeration
D. Self-Service Restore

Answer: D

NEW QUESTION 22
Which term describes Nutanix Files blocking access to a file until its file state is manually changed?

A. Unquarantined
B. Quarantined
C. Cleaned
D. Deleted

Answer: B

NEW QUESTION 27
What is a requirement for Smart DR?

A. Primary and recovery file servers must have different domain names.
B. File servers may have different FSVM numbers at the primary and recovery sites.
C. Primary and recovery file servers must support the same protocols.
D. The Files Manager must have only one file server.

Answer: C

NEW QUESTION 30
An administrator would like to protect an object store from a single node or two-drive failure. What are the requirements for enabling this level of resiliency on a newly-deployed object store?

A. Multi-cluster option must be disabled for the object store.
B. Each node in the dense node platform requires 20 or more HDDs.
C. Cluster is comprised of a minimum of seven nodes.
D. New storage container is created for the object store.

Answer: C

NEW QUESTION 31
When hardening the network for Nutanix Objects, which is the only network endpoint that should be exposed to users?

A. S3
B. virbr0
C. eth0

D. OOB

Answer: A

NEW QUESTION 34
What prerequisite must be met before a Nutanix Files SMB share can be used?

A. Configure directory services.
B. Register the cluster with Prism Central.
C. Run afs infra.start
D. Enable a strong password policy.

Answer: A

NEW QUESTION 36
An administrator is concerned that storage in the Nutanix File Server is being used to store personal photos and videos. How can the administrator determine if this is the case?

A. Examine the Usage Summary table for the File Server Container in the Prism Element Storage page.
B. Examine the File Activity widget in the File Analytics dashboard for the File Server.
C. Examine the File Distribution by Type widget from the Files Console for the File Server.
D. Examine the File Distribution by Type widget in the File Analytics dashboard for the File Server.

Answer: D

NEW QUESTION 39
An administrator would like to load balance an SMB share across multiple FSVMs. What feature should the administrator enable to accomplish this?

A. Distributed
B. Disaster Recovery
C. Multiple Copies
D. High Availability

Answer: A

NEW QUESTION 41
An administrator needs to configure Nutanix Objects in AHV. Which IP range must be available for this task?

A. 192.168.1.0/24
B. 172.100.0.0/16 and 172.200.0.0/16
C. 10.100.1.0/24
D. 10.100.0.0/16 and 10.200.0.0/16

Answer: D

NEW QUESTION 43
An administrator has a Nutanix Files deployment hosted on an AHV-based Nutanix cluster, scaled out to four FSVMs hosting several department shares. In the event of a ransomware attack, files need to be quickly recovered from a self-hosted snapshot.
How can this be accomplished?

A. Configure an Async DR Protection Domain.
B. Install NGT and enable self-service restore.
C. Configure a DR Availability Zone.
D. Use File Analytics to enable self-service restore.

Answer: B

NEW QUESTION 47
What is the default cold data threshold within the File Analytics Data Age widget?

A. Last accessed within the last one to two weeks
B. Last accessed within the last week
C. Last accessed within the last two to four weeks
D. Last accessed longer than four weeks ago

Answer: D

NEW QUESTION 49
Upon further investigation, the administrator notices the below message in the logs:
2024/07/25 10:55:23.937962 utils.go:32: [INFO] Start wget for file fraser-6.10- stable_build_release.json. Source: http://x.x.x.x/release/builds/msp-builds/msp-services/464585393164.dkr.ecr,
us-west-2.amazonaws.com/nutanix-msp/idf-container/fraser-6.10- stable_build_release.json, Destination directory: /home/msp_config/airgap/
2024/07/25 10:55:23.945387 utils.go:32: [INFO] Start wget for file fraser-6.10- stable_build_release.tar.xz. Source: http://x.x.x.x/release/builds/msp-builds/msp-services/464585393164. dkr.ecr.us-west-2.amazonaws.com/nutanix-msp/idf- container/fraser-6.10- stable_build_release.tar.xz, Destination directory:
/home/msp_config/airgap/

2024/07/25 10:55:23.949580 utils.go:58: [ERROR] Failed to wget fraser-6.10- stable_build_release.tar.xz from http://x.x.x.x/release/builds/msp-builds/msp-services/464585393164.dkr.ecr.us-west-2.amazonaws.com/nutanix-msp/idf- container/fraser-6.10- stable_build_release.tar.xz; output: --2024-07-25 10:55:23--
http://x.x.x.x/release/builds
/men-builds/men-services/464585393164 der ear 118-west-2.amazonaws.com/nutaniy- men/idf-
stable_build_release.tar.xz. Source: http://x.x.x.x/release/builds/msp-builds/msp-
services/464585393164.dkr.ecr.us-west-2.amazonaws.com/nutanix-msp/idf- container/fraser-6.10- stable_build_release.tar.xz, Destination directory:
/home/msp_config/airgap/
2024/07/25 10:55:23.949580 utils.go: 58: [ERROR] Failed to wget fraser-6.10- stable_build_release.tar.xz from http://x.x.x.x/release/builds/msp-builds/msp-
services/464585393164. dkr.ecr.us-west-2.amazonaws.com/nutanix-msp/idf- container/fraser-6.10- stable_build_release.tar.xz: output: --2024-07-25 10:55:23--
http://x.x.x.x/release/builds
/msp-builds/msp-services/464585393164.dkr.ecr.us-west-2.amazonaws.com/nutanix- msp/idf-
container/fraser-6.10-stable_build_release.tar.xz
Connecting to x.x.x.x:80... failed.
HTTP request sent, awaiting response... 404 Not Found
2024-07-25 10:55:23 ERROR 404 Not Found
What is the cause of this issue?
/msp-pias/msp-services/4104.akc.ecr.us-west-2.amazonaws.com/nutanix-msp/lar- container/fraser-6.10-stable_build_release.tar.xz
Connecting to x.x.x.x:80... failed.
HTTP request sent, awaiting response... 404 Not Found 2024-07-25 10:55:23 ERROR 404: Not Found
What is the cause of this issue?

A. Prism Central needs to reach the web server over port 443.
B. MSP needs to reach the web server over port 80.
C. MSP needs to reach the web server over port 443.
D. Prism Central needs to reach the web server over port 80.

Answer: B

NEW QUESTION 51
A Nutanix Files cluster isunreachableafter an administrator changed itsname. What should the administrator do to solve the problem?

A. Restart CVMs to apply the changes.
B. Delete old and add new DNS entries.
C. Restart FSVMs to apply the changes.
D. Delete active user sessions from Files.

Answer: B

NEW QUESTION 54
An administrator manages a three-node AHV cluster running Nutanix Files and is attempting a Files scale-out operation on a multi-node FSVM deployment. However, the operation has failed. What should the administrator do first?

A. Add RAM to the physical hosts
B. Failover to secondary site
C. Expand the AHV cluster
D. Add DNS entries

Answer: C

NEW QUESTION 56
Which share workload type should be configured to support workloads with small I/O?

A. Sequential
B. Compression
C. Default
D. Random

Answer: D

NEW QUESTION 61
An administrator has been asked to lock a file indefinitely. The lock can be explicitly removed only by authorized users.
Which configuration matches the requirements of this task?

A. Nutanix Objects Legal hold
B. Nutanix Objects with WORM versioning
C. Data Lens Ransomware Protection
D. Blocked File Types for Files

Answer: A

NEW QUESTION 66
An administrator is tasked with upgrading Objects Manager to the latest release that came out earlier in the week. The administrator has navigated to the LCM page in Prism Central and does not see the latest version of Objects Manager as an available upgrade. What is the likely reason the administrator does not see the current release of Objects Manager as an available upgrade?

A. An LCM inventory has not been performed
B. The administrator is logged in as local admin rather than a domain admin
C. The administrator needs to perform the upgrade through Prism Element

D. Prism Central needs to be scaled out

Answer: A

NEW QUESTION 70
An administrator has configured a share in Nutanix Files to support clients using Windows and Linux. A user on an Ubuntu client is unable to create any files.
Which share configuration option should be updated?

A. Allow simultaneous read access to same files
B. Update the blocked file types in the file server
C. Modify NFS Client Access to read-write
D. Add NTFS permissions for the user account

Answer: C

NEW QUESTION 73
An administrator plans to create astriped volumein a VM using guest-OS tools that will be backed by a volume-group.
What configuration must be present for the VM to utilizemultiple CVMs to service IO requests?

A. The VM must have a virtual RAID controller capable of RAID level 0.
B. iSCSI MPIO must be configured in the guest OS.
C. The volume-group must have flash mode enabled.
D. The volume-group must have more than one vDisk configured.

Answer: B

NEW QUESTION 77
An administrator has received a complaint from a user that a Windows VM lost access to an iSCSI Volume Group (VG) during a maintenance window of an ESXi-based Nutanix cluster. The VM??s iSCSI configuration shows it is connecting to a specific IP (172.20.100.104).
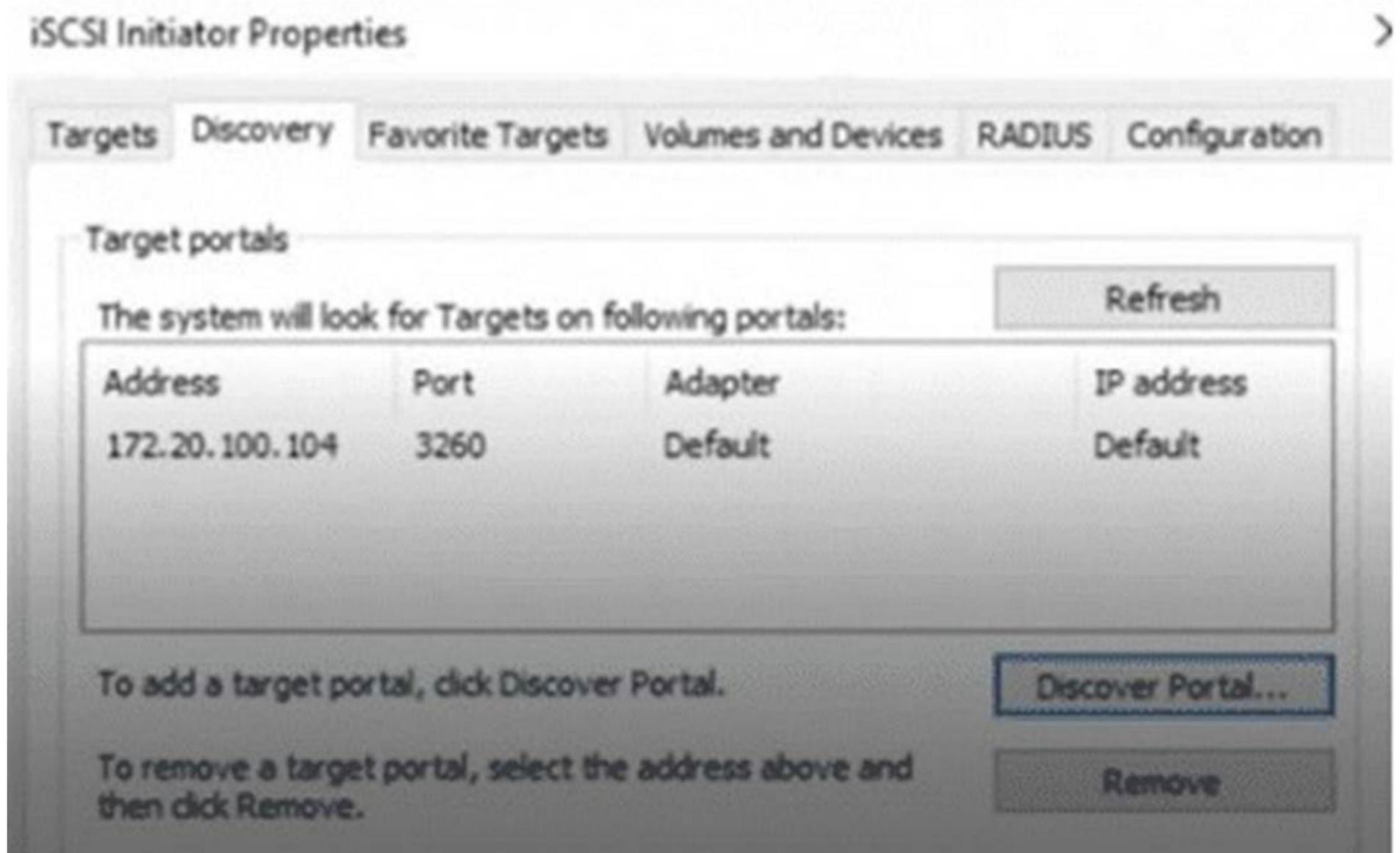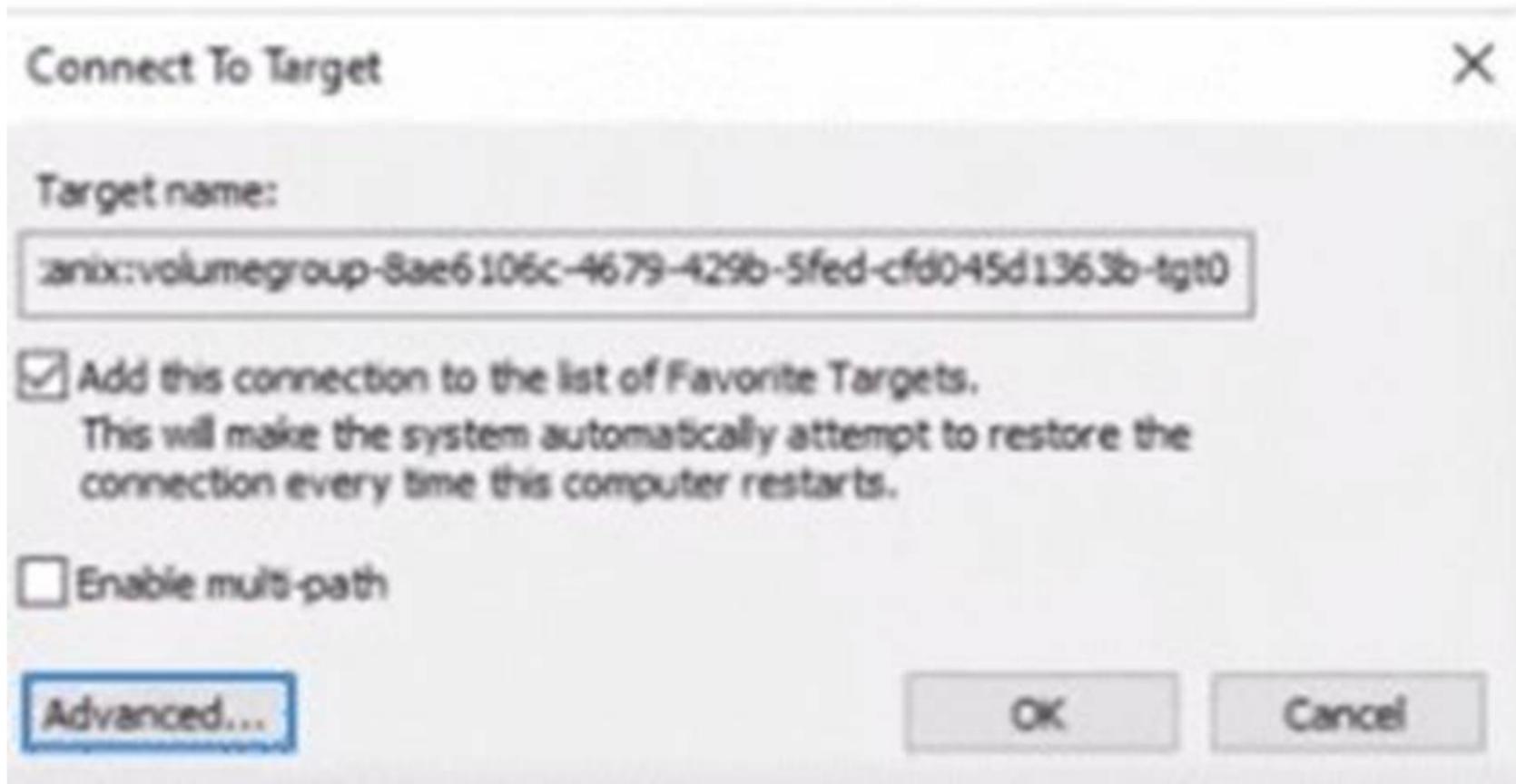
What recommended change should the administrator make to resolve this disruption?

A. Change the Discovery IP to match the configured VIP.
B. Remove Discovery IP and configure with DSIP.
C. Add all missing CVM IPs in Discovery tab.
D. Select the Enable multi-path checkbox.

Answer: B

NEW QUESTION 78
After configuring Smart DR, an administrator observes that a policy in the Policies tab is not visible within Prism Central (PC).
What is the likely cause of this issue?

A. The share permissions include more than one local user.
B. The initial replication has not completed.
C. The administrator is logged into PC with a local account rather than an AD account.
D. Port 7515 is not opened between the source and recovery networks.

Answer: D

NEW QUESTION 83
Refer to the exhibit:
```
* 192.168.5.1> get-smbclient configuration
ConnectionCountPerRssNetworkInterface: 4
DirectoryCacheEntriesMax: 16
DirectoryCacheEntrySizeMax: 65536
DirectoryCacheLifetime: 10
EnableBandwidthThrottling: True
EnableByteRangeLockingOnReadOnlyFiles: True
EnableLargeMtu: True
EnableMultiChannel: True
DormantFileLimit: 1023
EnableSecuritySignature: True
ExtendedSessionTimeout: 1000
EnableSecuritySignature: True
ExtendedSessionTimeout: 1000
FileInfoCacheEntriesMax: 64
FileInfoCacheLifetime: 10
FileNotFoundCacheEntriesMax: 128
FileNotFoundCacheLifetime: 5
KeepConn: 600
MaxCmds: 50
MaximumConnectionCountPerServer: 32
OplocksDisabled: False
RequireSecuritySignature: True
SessionTimeout: 60
UseOpportunisticLocking: True
WindowSizeThreshold: 1
```

An administrator is unable to browse a share and runs the `get-smbclient configuration` command. What is a possible cause of the problem indicated by the `RequireSecuritySignature` line?

A. AD is enabled
B. Kerberos is enabled
C. TLS is enabled
D. CHAP is enabled

Answer: B

NEW QUESTION 84
How many IP addresses are required by the storage network when deploying Nutanix Files?

A. Same number of IP addresses as the number of FSVMs
B. One less IP address than the number of FSVMs
C. Twice as many IP addresses as the number of FSVMs
D. One additional IP address than the number of FSVMs

Answer: D

NEW QUESTION 85
An administrator would like to get notified by email of unusual behavior related to permission changes on their corporate file shares. How would the administrator configure File Analytics to receive notifications in a timely fashion?

A. Create an Alert Policy
B. Configure Events Quotas
C. Define Anomaly Rules
D. Set Ransomware Email Recipient

Answer: C

NEW QUESTION 87
A user is logged into Prism Central and has been tasked with creating a new object store. What could be the cause no clusters are being listed?

Create Object Store

Object Store Details

Object Store Name [?]

Domain [?]

pc.msp.cluster.local

Cluster
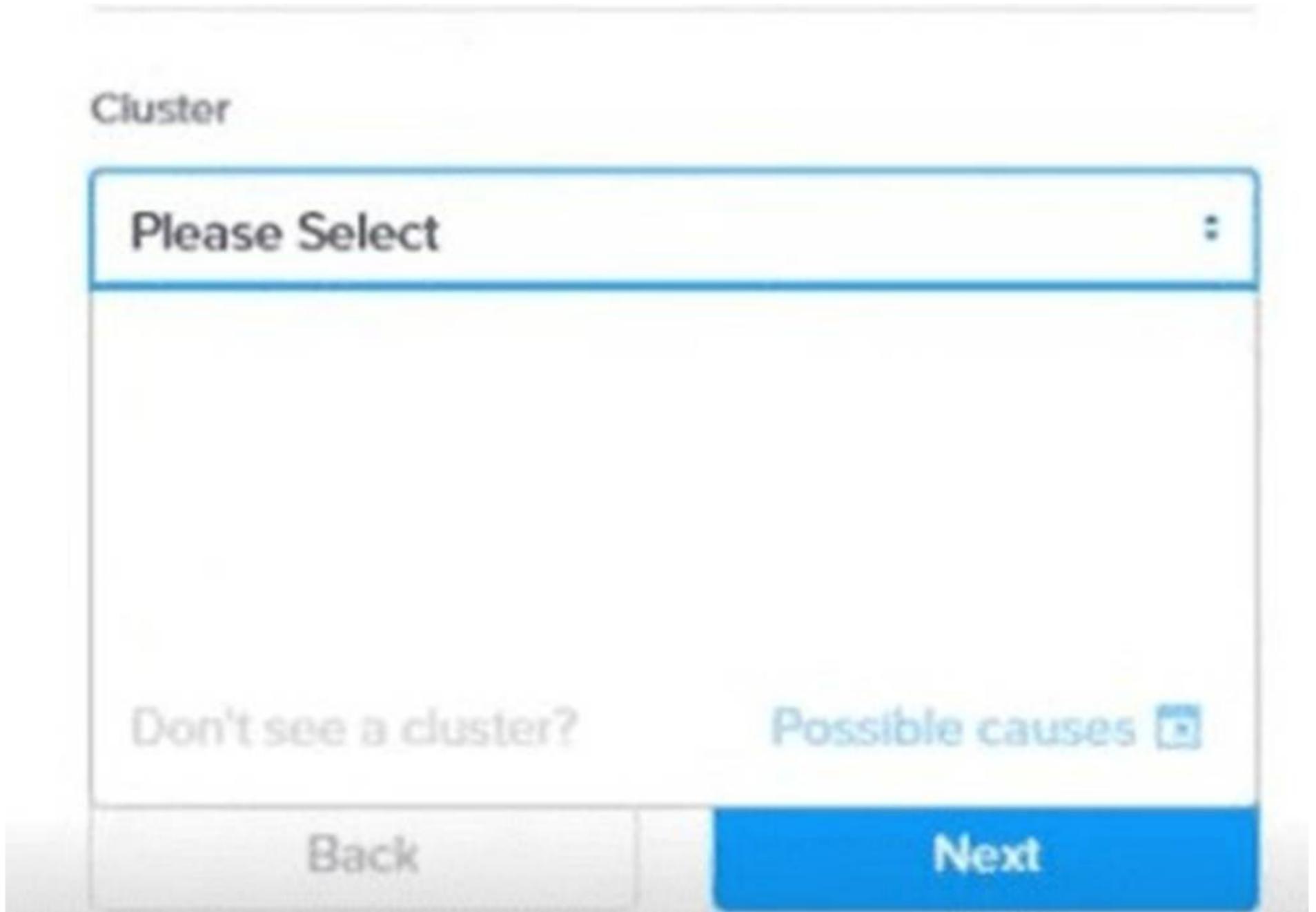
A. Only the local Prism Element Admin can create object stores.
B. Prism Element was registered to Prism Central only 1 hour ago.
C. Only the local Prism Central Admin can create object stores.
D. Access was granted to Prism Element less than 5 minutes ago.

Answer: D

NEW QUESTION 92
An administrator notices the option to upgrade Objects Manager is disabled. What is the most likely reason?

A. Objects Service upgrade previously failed
B. Provided access keys are wrong
C. Objects browser is not available
D. Prism Element upgrade previously failed

Answer: A

NEW QUESTION 94
An administrator has noticed that the object stores have stopped gathering analytics data approximately nine months after they were enabled. How can the administrator resume Data Lens functionality?

A. Disable and re-enable analytics on the object store
B. Rename the bucket within the object store
C. Remove and re-add IAM user permissions on the object store
D. Disable and re-enable versioning on the object store

Answer: A

NEW QUESTION 97
Which setting is recommended when hardening a Nutanix Objects bucket with sensitive data?

A. WORM
B. HTTP
C. KMIP
D. Erasure Coding

Answer: A

NEW QUESTION 99
Technical requirements within an organization dictate the need for a common naming system across multiple Nutanix Objects instances for a particular application use case. Which Nutanix Objects feature should an administrator leverage to ensure compliance with this naming requirement?

A. Federated Namespace
B. Multicluster
C. Streaming Replication
D. Cloud Tiering

Answer: A

NEW QUESTION 102
File Analytics analyzes data for what period of time?

A. Daily up to 1 year
B. Hourly up to 90 days
C. Monthly up to 5 years
D. Daily up to 5 years

Answer: D

NEW QUESTION 107
An administrator wants to utilize File Analytics to send anomaly alerts and data to email recipients. Which statement describes when File Analytics will send the emails?

A. As defined in the Anomaly Rules.
B. Whenever an anomaly is detected.
C. Every 15 minutes.
D. When a minimum of anomalies are detected.

Answer: A

NEW QUESTION 111
At what level of granularity can Smart DR replicate?

A. Volume
B. Bucket
C. Share
D. File

Answer: C

NEW QUESTION 113
An administrator has an existing four-node Nutanix cluster at a primary site with three FSVM instances deployed. They want to configure Smart DR on a five-node Nutanix cluster at the recovery site.
How many FSVMs should be deployed on the recovery site for Smart DR?

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

Answer: C

NEW QUESTION 118
What is this delay time called?

A. Quarantine
B. Cool Off interval
C. Locked State
D. Retention Period

Answer: B

NEW QUESTION 123
An administrator is preparing to deploy Nutanix Objects on an AHV-based Nutanix cluster in a multi-cluster environment. The Virtual IP address and Data Services IP address have already been configured on the AHV cluster.
Which additional IP address should be configured for successful Objects deployment?

A. Fallback Virtual IP of Prism Element on AHV cluster
B. IPv6 address of Prism Element on AHV cluster
C. Data Services IP on cluster where Prism Central is deployed
D. Fallback Virtual IP on cluster where Prism Central is deployed

Answer: D

NEW QUESTION 125
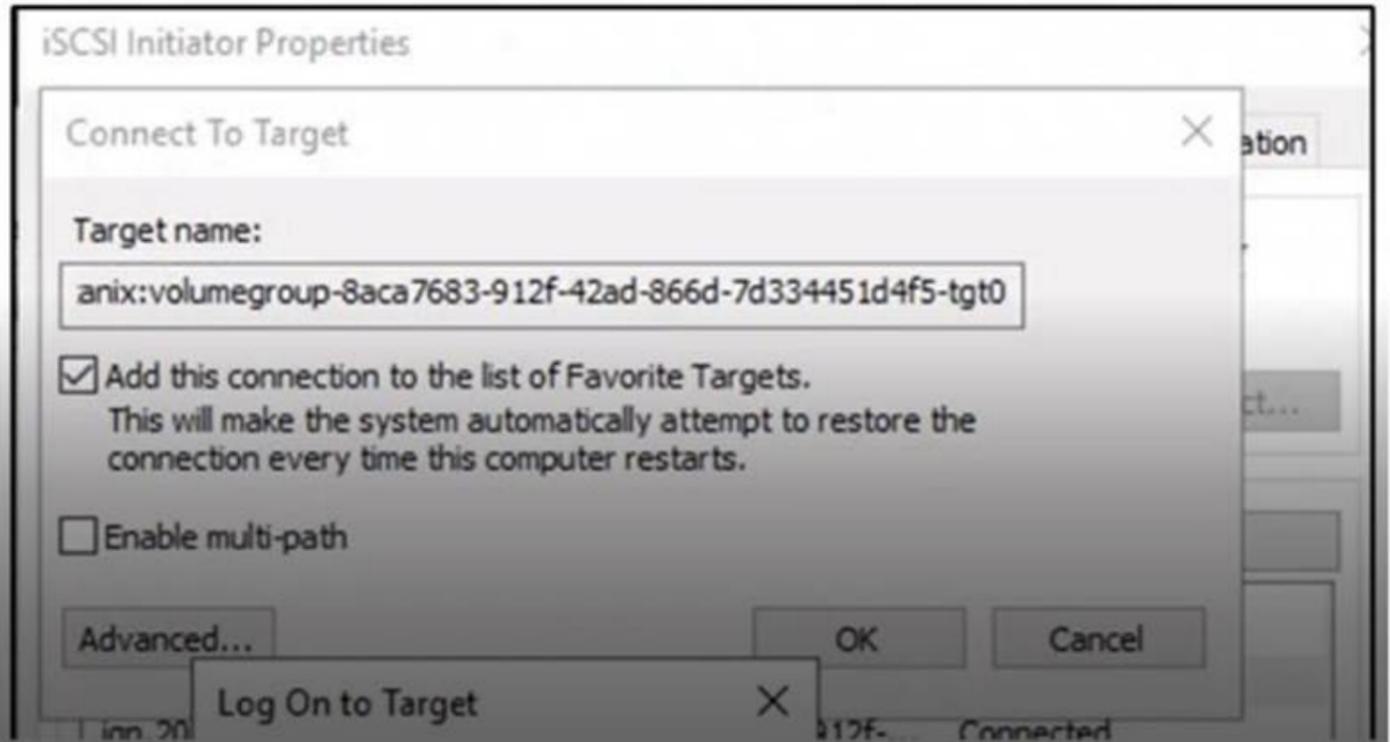Which two minimum permission roles must a non-admin user have to enable Nutanix Objects? (Choose two.)

A. Files Admin
B. Cluster Admin
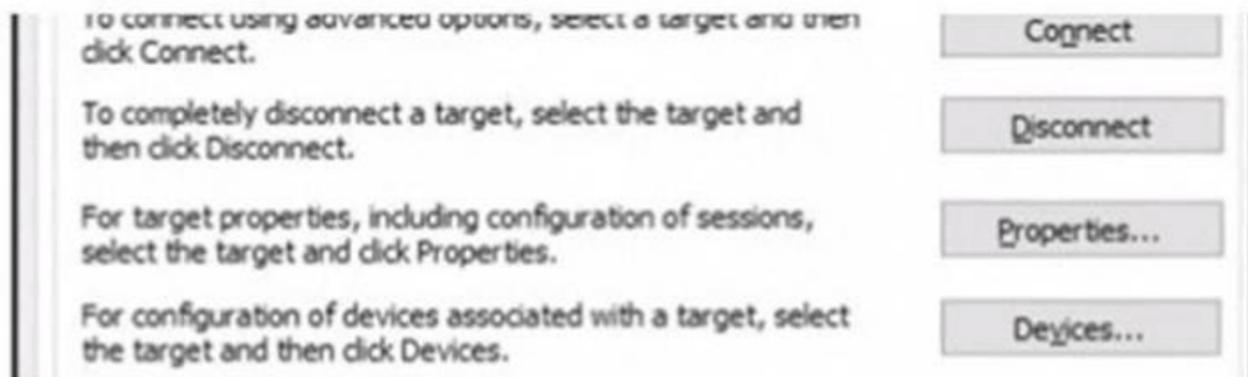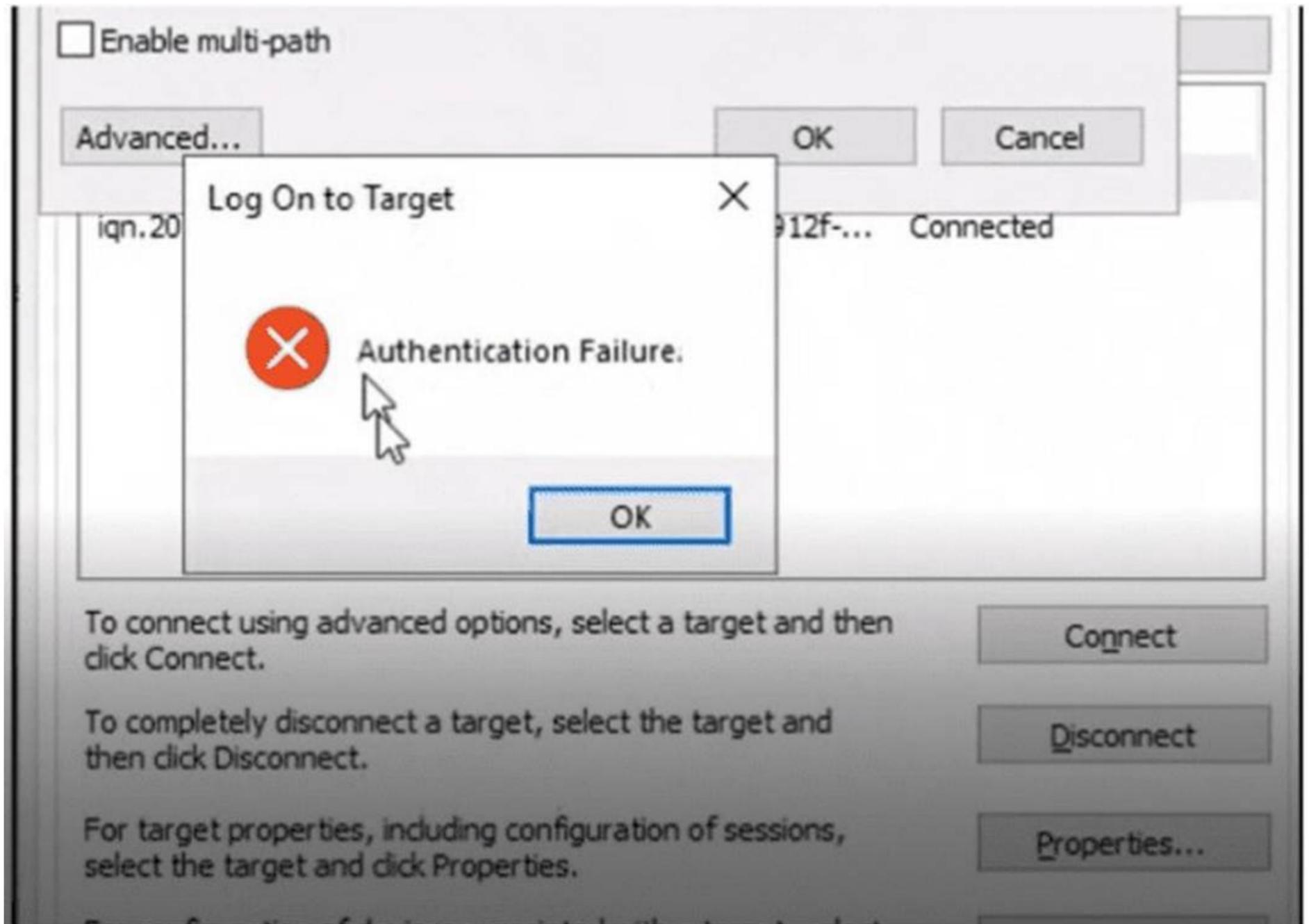C. Category Admin
D. User Admin

Answer: BD

NEW QUESTION 127
An administrator is trying to add a Nutanix Volume Group (VG) over iSCSI for storage to a Windows VM, but receives the error as shown in the exhibit.

Refer to the exhibit.

What is a likely reason for this error?

A. The Windows login authentication is incorrect.
B. The Windows IP address is not in the whitelist.
C. The CHAP authentication configured is incorrect.
D. There is already a VG connected on that client.

Answer: C

NEW QUESTION 132
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