Exam Questions HCVA0-003

HashiCorp Certified: Vault Associate (003)Exam

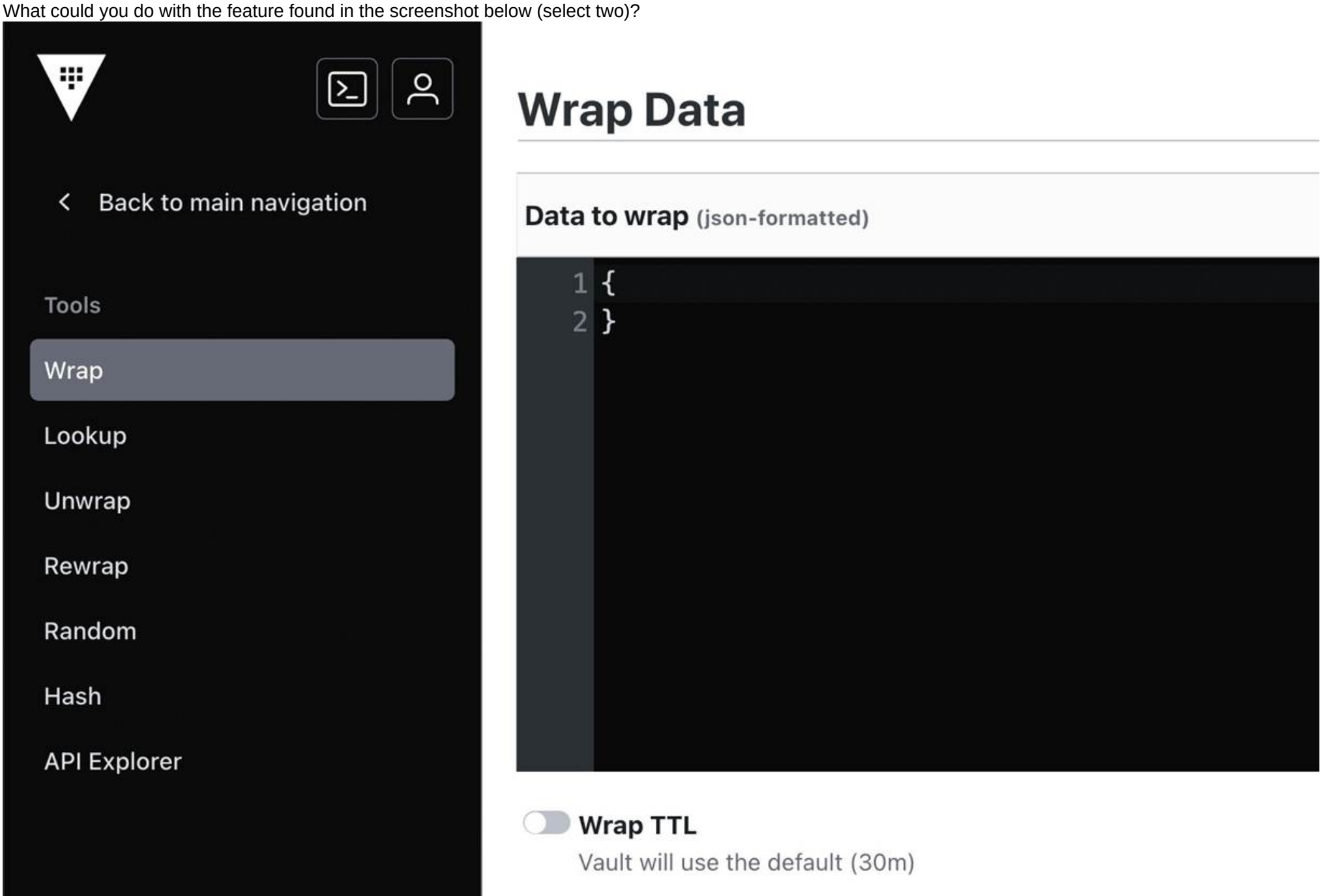
https://www.2passeasy.com/dumps/HCVA0-003/

NEW QUESTION 1
- (Topic 1)
During a service outage, you must ensure all current tokens and leases are copied to another Vault cluster for failover so applications don??t need to authenticate. How can you accomplish this?

A. Have Vault write all the tokens and leases to a file so you have a second copy of them
B. Configure all applications to use the auto-auth feature of the Vault Agent
C. Configure Disaster Recovery replication and promote the secondary cluster during an outage
D. Replicate to another cluster using Performance Replication and promote the secondary cluster during an outage

Answer: C

NEW QUESTION 2
- (Topic 1)
What could you do with the feature found in the screenshot below (select two)?



A. Using a short TTL, you could encrypt data in order to place only the encrypted data in Vault
B. Encrypt the Vault master key that is stored in memory
C. Encrypt sensitive data to send to a colleague over email
D. Use response-wrapping to protect data

Answer: CD

NEW QUESTION 3
- (Topic 1)
What is the difference between the TTL and the Max TTL (select two)?

A. The TTL defines when the token will expire and be revoked
B. The TTL defines when another token will be generated
C. The Max TTL defines the timeframe for which a token cannot be used
D. The Max TTL defines the maximum timeframe for which a token can be renewed

Answer: AD

NEW QUESTION 4
- (Topic 1)
How does the Vault Secrets Operator (VSO) assist in integrating Kubernetes-based workloads with Vault?

A. By enabling a local API endpoint to allow the workload to make requests directly from the VSO
B. By using client-side caching for KVv1 and KVv2 secrets engines
C. By injecting a Vault Agent directly into the pod requesting secrets from Vault
D. By watching for changes to its supported set of Custom Resource Definitions (CRD)

Answer: D

NEW QUESTION 5
- (Topic 1)
Which of the following statements are true regarding Vault seal and unseal (select three)?

A. By default, Vault uses the Shamir Sharing algorithm to create unseal keys during the initialization process
B. When using Vault Auto Unseal feature, Vault returns unseal keys to the user when it is initialized
C. Vault can use a third-party KMS solution to automatically unseal during a service restart
D. Vault supports high availability for the Auto Unseal feature, allowing you to point to multiple keys

Answer: ACD

NEW QUESTION 6
- (Topic 1)
What API endpoint is used to manage secrets engines in Vault?

A. /secret-engines/
B. /sys/mounts
C. /sys/capabilities
D. /sys/kv

Answer: B

NEW QUESTION 7
- (Topic 1)
Which of the following secrets engines does NOT issue a lease upon a read request?

A. KV
B. Consul
C. Database
D. AWS

Answer: A

NEW QUESTION 8
- (Topic 1)
What command would have created the token displayed below?
$ vault token lookup hvs.nNeZ2I64ALCxuO7dqQEJGPrO
Key: policies Value: [default dev], num_uses: 5, ttl: 767h59m49s
? Key Value
? --- -----
? accessor mfvaVMFgOcXHIeqlRasroSOn
? creation_time 1604610457
? creation_ttl 768h
? display_name token
? entity_id n/a
? expire_time 2024-12-07T16:07:37.7540672-05:00
? explicit_max_ttl 0s
? id hvs.nNeZ2I64ALCxuO7dqQEJGPrO
? issue_time 2024-11-05T16:07:37.7540672-05:00
? meta <nil>
? num_uses 5
? orphan false
? path auth/token/create
? policies [default dev]
? renewable true
? ttl 767h59m49s
? type service

A. vault token create -policy=dev -use-limit=5
B. vault token create -policy=dev -ttl=768h
C. vault token create -policy=dev -policy=default -ttl=768h
D. vault token create -policy=dev

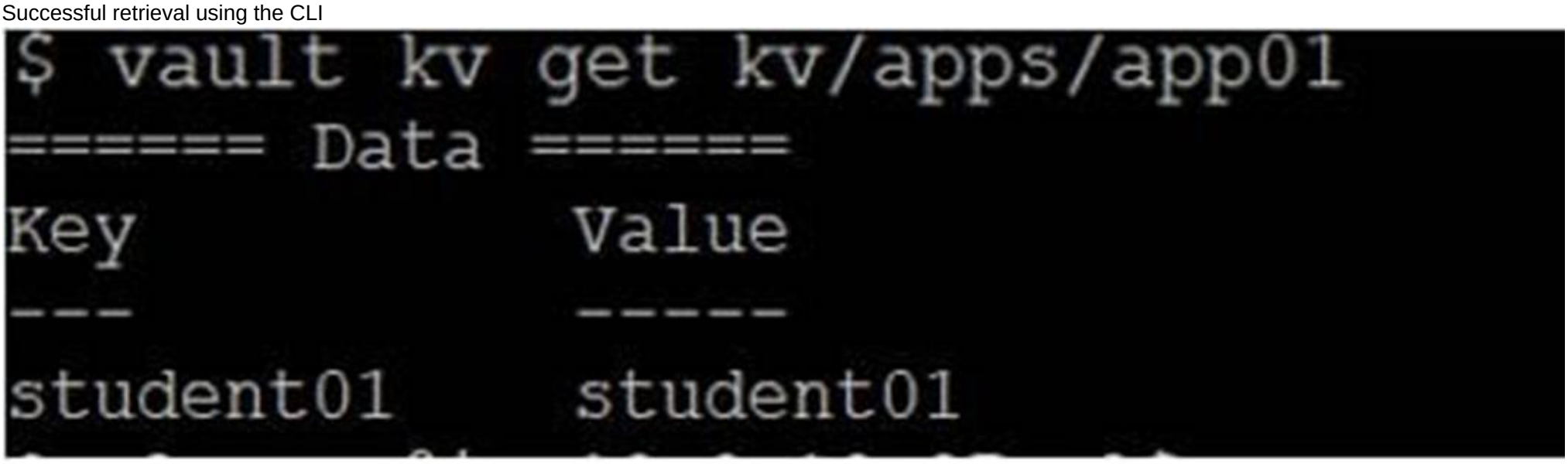
Answer: A

NEW QUESTION 9
- (Topic 1)
Given the following policy, which command below would not result in a permission denied error (select two)?
path "secret/*" { capabilities = ["create", "update"] allowed_parameters = { "student" = ["steve", "frank", "jamie", "susan", "gerry", "damien"] } }
path "secret/apps/*" { capabilities = ["read"] }
path "secret/apps/results" { capabilities = ["deny"] }

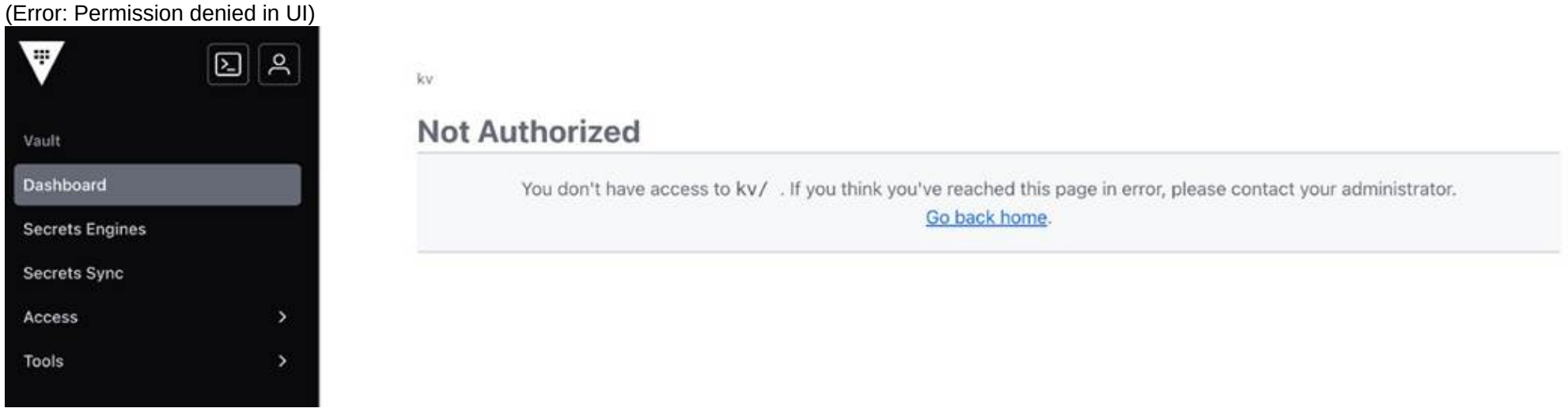
A. vault kv put secret/apps/results student03=practice
B. vault kv put secret/apps/app01 student=bryan
C. vault kv put secret/common/results student=frank
D. vault kv get secret/apps/api_key

Answer: CD

NEW QUESTION 10
- (Topic 1)
A user is assigned the following policy, and they can successfully retrieve secrets using the CLI. However, the user reports receiving an error message in the UI.
Why can??t the user access the secret in the Vault UI?
path "kv/apps/app01" { capabilities = ["read"] }
Successful retrieval using the CLI



(Error: Permission denied in UI)



A. The user doesn??t know what they??re doing
B. The user doesn??t have permissions to retrieve the data from the UI, only the CLI
C. The user needs list permissions to browse the UI
D. The user??s token is invalid

Answer: C

NEW QUESTION 10
- (Topic 1)
After encrypting data using the Transit secrets engine, you??ve received the following output. Which of the following is true based on the output displayed below?
Key: ciphertext Value: vault:v2:45f9zW6cglbrzCjI0yCyC6DBYtSBSxnMgUn9B5aHcGEit71xefPEmmjMbrk3

A. The original encryption key has been rotated at least once
B. The data is stored in Vault using a KV v2 secrets engine
C. This is the second version of the encrypted data
D. Similar to the KV secrets engine, the Transit secrets engine was enabled using the transit v2 option

Answer: A

NEW QUESTION 14
- (Topic 1)
By default, what TCP port does Vault replication use?

A. tcp/8200
B. tcp/8300
C. tcp/8201
D. tcp/8301

Answer: C

NEW QUESTION 17
- (Topic 1)

Tommy has written an AWS Lambda function that will perform certain tasks for the organization when data has been uploaded to an S3 bucket. Security policies for the organization do not allow Tommy to hardcode any type of credential within the Lambda code or environment variables. However, Tommy needs to retrieve a credential from Vault to write data to an on-premises database. What auth method should Tommy use in Vault to meet the requirements while not violating security policies?

A. AWS
B. Userpass
C. Token
D. AppRole

Answer: A

NEW QUESTION 18
- (Topic 1)
Which scenario most strongly indicates a need to run a self-hosted Vault cluster instead of using HCP Vault Dedicated?

A. Your organization doesn??t require any custom security policies or intricate network topologies
B. You want to offload all operational tasks and rely on HashiCorp to manage patching, upgrades, and infrastructure
C. You prefer a fully managed environment that is readily scalable with minimal configuration overhead
D. You must maintain specific compliance or custom integration requirements that demand full control over the Vault environment, including infrastructure provisioning and plugin development

Answer: D

NEW QUESTION 19
- (Topic 1)
Which of the following statements best describes the difference in cluster strategies between self-managed Vault and HashiCorp-managed Vault?

A. Self-managed clusters require users to handle setup, maintenance, and scaling, whereas HCP Vault Dedicated is fully managed by HashiCorp and offloads most operational tasks
B. Neither self-managed clusters nor HCP Vault Dedicated include enterprise security features such as replication or disaster recovery
C. Both self-managed clusters and HCP Vault Dedicated require manual patching and upgrades, but only self-managed clusters are hosted in the user??s cloud
D. In self-managed clusters, HashiCorp is responsible for scaling, upgrades, and patching, while HCP Vault Dedicated requires the user to handle all operational overhead

Answer: A

NEW QUESTION 20
- (Topic 1)
Your company's security policies require that all encryption keys must be rotated at least once per year. After using the Transit secrets engine for a year, the Vault admin issues the proper command to rotate the key named ecommerce that was used to encrypt your data. What command can be used to easily re-encrypt the original data with the new version of the key?

A. vault write -f transit/keys/ecommerce/rotate <old data>
B. vault write -f transit/keys/ecommerce/update <old data>
C. vault write transit/encrypt/ecommerce v1:v2 <old data>
D. vault write transit/rewrap/ecommerce ciphertext=<old data>

Answer: D

NEW QUESTION 24
- (Topic 2)
Which of the following best describes a token accessor?

A. A value that describes which clients have access to the attached token
B. Describes the value associated with the token??s TTL
C. A token used for clients to access Vault secrets engines
D. A value that acts as a reference to a token which can be used to perform limited actions against the token

Answer: D

NEW QUESTION 27
- (Topic 2)
True or False? The command vault lease revoke -prefix aws/ will revoke all leases associated with the secret engine mounted at /aws.

A. True
B. False

Answer: A

NEW QUESTION 30
- (Topic 2)
Which of the following features are not available in the Vault Community version?

A. Cloud KMS auto-unseal
B. Single sign-on support
C. Event notifications and filtering

D. Multi-factor authentication (auth)
E. Dynamic secrets engines
F. HSM auto-unseal

Answer: F

NEW QUESTION 32
- (Topic 2)
True or False? To prepare for day-to-day operations, the root token should be safely saved outside of Vault in order to administer Vault.

A. True
B. False

Answer: B

NEW QUESTION 33
- (Topic 2)
You need to connect to and manage a new HCP Vault cluster using the Vault CLI on your laptop. What environment variables should you set to establish connectivity?

A. VAULT_CLIENT_KEY=<path-to-key-file>, VAULT_TOKEN=<token-here>
B. VAULT_NAMESPACE=root, VAULT_REDIRECT_ADDR=<cluster-address>
C. VAULT_ADDR=https://<cluster-address>:8200, VAULT_NAMESPACE=admin
D. VAULT_TOKEN=<token-here>, VAULT_CLUSTER_ADDR=https://<cluster- address>:8200

Answer: C

NEW QUESTION 35
- (Topic 2)
Which of the following is not an action associated with the Transit secrets engine when interacting with data?

A. encrypt
B. decrypt
C. rewrap
D. update

Answer: D

NEW QUESTION 37
- (Topic 2)
True or False? Once the minimum decryption version is set on an encryption key, older versions of the key are removed from Vault and are no longer available for decryption operations.

A. True
B. False

Answer: B

NEW QUESTION 41
- (Topic 2)
By default, what happens to child tokens when a parent token is revoked?

A. The child tokens are revoked
B. The child tokens are renewed
C. The child tokens are converted to parent tokens
D. The child tokens create their own child tokens to be used

Answer: A

NEW QUESTION 46
- (Topic 2)
Which two interfaces automatically assume the token for subsequent requests after successfully authenticating? (Select two)

A. CLI
B. API
C. UI

Answer: AC

NEW QUESTION 50
- (Topic 2)
When Vault is sealed, which are the only two operations available to a Vault administrator? (Select two)

A. View the status of Vault
B. Configure policies

C. View data stored in the key/value store
D. Rotate the encryption key
E. Unseal Vault
F. Author security policies

Answer: AE

NEW QUESTION 53
- (Topic 2)
You have deployed an application that needs to encrypt data before writing to a database. What secrets engine should you use?

A. Transit
B. SSH
C. PKI
D. TOTP

Answer: A

NEW QUESTION 54
- (Topic 2)
Which of the following unseal options can automatically unseal Vault upon the start of the Vault service? (Select four)

A. HSM
B. Azure KMS
C. AWS KMS
D. Transit
E. Key Shards

Answer: ABCD

NEW QUESTION 58
- (Topic 3)
Select the two paths below that would be permitted for read access based on the following Vault policy:
path "secret/+/training/*" { capabilities = ["create", "read"]
}

A. secret/business/training
B. secret/cloud/training/test/exam
C. secret/departments/certification/api
D. secret/departments/training/vault

Answer: BD

NEW QUESTION 60
- (Topic 3)
Julie is a developer who needs to ensure an application can properly renew its lease for AWS credentials it uses to access data in an S3 bucket. Although the application would generally use the API, what is the equivalent CLI command to perform this action?

A. vault renew aws/roles/s3-read-only/39e6b9a2-296-83d9-2fe0-c11e846bdc99
B. vault lease renew aws/creds/s3-read-only/39e6b9a2-296-83d9-2fe0-c11e846bdc99
C. vault lease renew aws/roles/s3-read-only/39e6b9a2-296-83d9-2fe0-c11e846bdc99
D. vault lease renew aws/creds/s3-read-only

Answer: B

NEW QUESTION 63
- (Topic 3)
Your organization operates active/active applications across multiple data centers for high availability. Which Vault feature should be used in the secondary data centers to provide local access to secrets?

A. Performance standby nodes
B. Customized plugins for the Vault cluster
C. Disaster recovery cluster
D. Performance replication cluster

Answer: D

NEW QUESTION 68
- (Topic 3)
After setting up a new HashiCorp Vault server with the default configurations, which method can be used to unseal Vault?

A. Log on to each Vault node and provide the root token
B. Running vault operator init to regenerate unseal keys and automatically unseal the Vault
C. Submit a threshold of unseal keys to reconstruct the root key
D. Restart the Vault service, which will automatically unseal it

Answer: C

NEW QUESTION 72
- (Topic 3)
True or False? Once the lease for a dynamic secret has expired, Vault revokes the credentials on the backend platform for which they were created (i.e., database, AWS, Kubernetes).

A. True
B. False

Answer: A

NEW QUESTION 76
- (Topic 3)
You need to create a limited-privileged token that isn??t impacted by the TTL of its parent. What type of token should you create?

A. Service token with a use limit
B. Orphan token
C. Periodic token
D. Root token

Answer: B

NEW QUESTION 79
- (Topic 3)
What is the default value of the VAULT_ADDR environment variable?

A. http://127.0.0.1:8200
B. https://vault.example.com:8200
C. https://127.0.0.1:8200
D. http://vault.example.com:8200

Answer: C

NEW QUESTION 81
- (Topic 3)
What is the default TTL for tokens in Vault if one is not specified?

A. 24 hours (1 day)
B. 15 minutes
C. 768 hours (32 days)
D. 60 minutes (1 hour)

Answer: C

NEW QUESTION 84
- (Topic 3)
Suzy is a Vault user that needs to create and replace values at the path secrets/automation/apps/chef. Does the following policy permit her the permissions to do so?
text CollapseWrapCopy
path "secrets/automation/apps/chef" { capabilities = ["create", "read", "list"]
}

A. No, the policy would deny Suzy from performing certain actions
B. Yes, the policy has appropriate permissions

Answer: A

NEW QUESTION 86
- (Topic 3)
Which of the following are supported auth methods for Vault? (Select six)

A. AWS
B. Kubernetes
C. Token
D. OIDC/JWT
E. Userpass
F. Cubbyhole
G. AppRole

Answer: ABCDEG

NEW QUESTION 87
- (Topic 3)
Which of the following tokens are representative of a batch token? (Select two)

A. hvr.AAAAAQL_tyer_gNuQqvQYPVQgsNxjap_YW1NB2m4CDHHadQo7rF2XLFGdwNJplA
ZNKbfloOvifrbpRCGdgG1taTqmC7Da_qftN64zeL10SmNwEoDTiPzC_1aS1KExbtVftU3Sx 16cBVqaynwsYRDfVnfTAffE

B. hvb.CAESIKOOSODDNGUJQe3EmsS8EQthulLjxRDhan_Axte2OrmPGiAKHGh2cy5KVnN hM25JdG82cDB0a1ZDbWhPTlAyekMQHg
C. hvb.AAAAAQJnAGuRT_z8FD_jOwP26zYaNzJ456_SVqse0oXtaqrpaLUC3LlHrUoJhQPylG X7A6K_dcS0shiql6g5-BVpz0QIkCm7ePFQVjDT2HcIf8C6FNgkW313vYgBGP8lzQHebtspC0pqK64cfyU_qPKIka2 u4ng-jsoy
D. hvs.493n55sZp2lX2zyQfpkHTkL4

Answer: BC

NEW QUESTION 89
- (Topic 3)
Tanner manages a data processing application and needs to be sure the data being processed is encrypted so it is securely stored post-processing. Which secrets engines can encrypt data? (Select three)

A. transit
B. KMIP
C. SSH
D. transform

Answer: ABD

NEW QUESTION 93
- (Topic 3)
True or False? The following policy permits a user to read secrets contained in the path secrets/cloud/apps/jenkins?
text CollapseWrapCopy
path "secrets/cloud/apps/jenkins/*" {
capabilities = ["create", "read", "update", "delete", "list"]
}

A. True
B. False

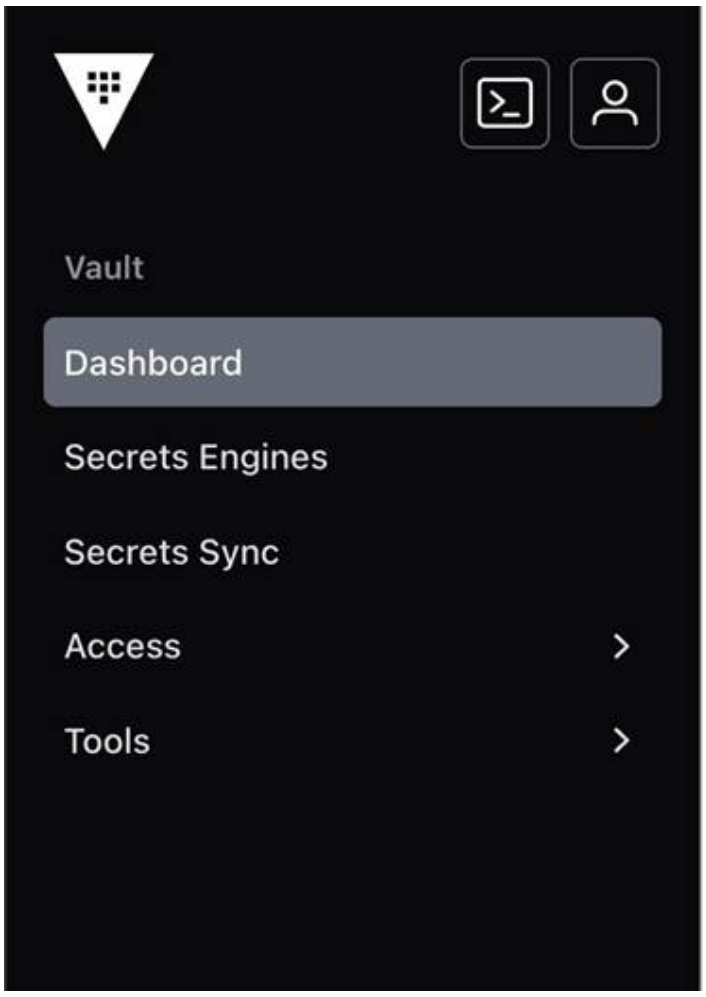
Answer: B

NEW QUESTION 94
- (Topic 3)
When a lease is created, what actions can be performed by using only the lease ID? (Choose two)

A. Renew the lease
B. Revoke the lease
C. Extend the max TTL for the lease
D. Authenticate using the lease ID

Answer: AB

NEW QUESTION 95
- (Topic 4)
A developer has requested access to manage secrets at the path kv/apps/webapp01. You create the policy below which gives them the proper access:
path "kv/apps/webapp01" {
capabilities = ["read", "create", "update", "list"]
}
However, when the developer logs in to the Vault UI, they see the following screenshot and cannot access the desired secret. Why can??t the developer see the secrets they need?



A. The Vault UI isn??t enabled for the developer, therefore they will only see the default options
B. The key/value secrets engine isn??t available in the Vault UI, therefore the developer should use a different Vault interface instead
C. The policy doesn??t permit list access to the paths prior to the secret so the Vault UI doesn??t display the mount path
D. The secrets are stored under the cubbyhole secrets engine, so the developer should browse to that secrets engine

Answer: C

NEW QUESTION 96
- (Topic 4)
Why are short-lived, dynamic secrets in Vault more secure than long-lived, static credentials?

A. They provide better performance by caching credentials for longer durations
B. They are created on-demand and expire after a short period, minimizing the risk of credential leakage
C. They eliminate the need for authentication, allowing seamless access to Vault-managed systems
D. They automatically rotate on a set schedule, reducing the need for manual intervention

Answer: B

NEW QUESTION 99
- (Topic 4)
A developer team requests integration of their legacy application with Vault to encrypt and decrypt data for a backend database. They cannot modify the application for Vault authentication. What is the best way to achieve this integration?

A. Enable the Transit secrets engine and configure the secrets engine to send data directly to the legacy app
B. Have the app team call the Vault API to encrypt and decrypt the required data
C. Enable and configure the Kubernetes auth method to allow the application to authenticate to Vault using a JWT
D. Run the Vault Agent on the application server(s) and use the Auto Auth feature to manage the tokens

Answer: D

NEW QUESTION 102
- (Topic 4)
You are the primary Vault operator. During a routine audit, an auditor requested the ability to display all secrets under a specific path in Vault without seeing the actual stored data. Which policy permits the auditor to display the stored secrets without revealing their contents?

A. path "kv/apps/production/" { capabilities = ["list"] }
B. path "kv/apps/+/" { capabilities = ["list"] }
C. path "kv/+/production" { capabilities = ["list"] }
D. path "kv/apps/*" { capabilities = ["list", "read"] }

Answer: C

NEW QUESTION 106
- (Topic 4)
You have successfully authenticated using the Kubernetes auth method, and Vault has provided a token. What HTTP header can be used to specify your token when you request dynamic credentials? (Select two)

A. X-Vault-Token: <token>

B. Token: <token>
C. Authentication: <token>
D. Authorization: Bearer <token>

Answer: AD

NEW QUESTION 110
- (Topic 4)
You are using the Vault API to test authentication before modifying your CI/CD pipeline to properly authenticate to Vault. You manually authenticate to Vault and receive the response below. Based on the provided options, which of the following are true? (Select four)

```
? $ curl \
? --request POST \
? --data @payload.json \
? https://vault.krausen.com:8200/v1/auth/userpass/login/bryan.krausen | jq
?
? ********************************************************************************
? ******* RESPONSE BELOW ***********************************************************
? ********************************************************************************
?
? {
? "request_id": "f758e8da-11b6-8341-d404-56f0c370a7fa",
? "lease_id": "",
? "renewable": false,
? "lease_duration": 0,
? "data": null,
? "wrap_info": null,
? "warnings": null,
? "auth": {
? "client_token": "hvs.CbzCNJCVWt63jyzyaJakgDwz",
? "accessor": "rffwXzKFcxvaQi6Vgo8tY4Lt",
? "policies": [
? "training",
? "default"
? ],
? "token_policies": [
? "training",
? "default"
? ],
? "metadata": {
? "username": "bryan.krausen"
? },
? "lease_duration": 84600,
? "renewable": true,
? "entity_id": "f1795f6a-c576-d619-b2d5-74c0aee08edb",
? "token_type": "service",
? "orphan": true
? }
? }
```

A. The token required to retrieve a secret is hvs.CbzCNJCVWt63jyzyaJakgDwz
B. The returned token is a batch token
C. The user needs to retrieve .auth.client_token in order to perform other actions
D. The accessor will be used to authenticate to Vault to retrieve secrets
E. The user is using the userpass auth method
F. The user??s password is stored in a file named payload.json

Answer: ACEF

NEW QUESTION 113
- (Topic 4)
What is the primary role of the Vault Security Operator (VSO) in a Kubernetes environment?

A. Managing Vault server deployments and auto-scaling Vault instances in Kubernetes
B. Enforcing Kubernetes network policies for Vault communication
C. Automating the injection and lifecycle management of Vault secrets for Kubernetes workloads
D. Replacing Kubernetes Secrets with a built-in alternative that does not require Vault

Answer: C

NEW QUESTION 114
- (Topic 4)
A security architect is designing a solution to address the "Secret Zero" problem for a Kubernetes-based application that needs to authenticate to HashiCorp Vault. Which approach correctly leverages Vault features to solve this challenge?

A. Store the Vault root token in a ConfigMap and mount it to all containers that require access to sensitive information
B. Generate a long-lived token during deployment and store it as an environment variable within each container that needs to access Vault
C. Configure the Kubernetes auth method in Vault and enable applications to authenticate without pre-shared secrets
D. Implement a custom sidecar container that uses AppRole role-id and secret-id each time the application needs to access Vault

Answer: C

NEW QUESTION 115
- (Topic 4)
There are a few ways in Vault that can be used to obtain a root token. Select the valid methods from the answers below. (Select three)

A. Generating a root token using a quorum of recovery keys when using Vault auto unseal
B. Initializing Vault when first creating the cluster by using vault operator init
C. Using a batch DR operation token to create a new root token in the event of an emergency
D. Running the command vault token create when using a valid root token

Answer: ABD

NEW QUESTION 117
- (Topic 4)
You are planning to deploy a new Vault cluster for your organization and notice that Vault supports a wide variety of storage backends. You need high availability since you will have multiple applications relying on the Vault service. When building your cluster, can you choose any of the available storage backends?

A. Yes, because all backends provide similar functionality
B. No, because not all storage backends provide similar functionality

Answer: B

NEW QUESTION 120
- (Topic 4)
Your organization is integrating its legacy application with Vault to improve its security. However, you have discovered that the application has issues when the token changes for authentication during testing. What type of token could be used to help alleviate this issue without compromising security?

A. Periodic Service Token
B. Root Token
C. Orphan Service Token
D. Batch Token

Answer: A

NEW QUESTION 124
- (Topic 4)
You have a CI/CD pipeline using Terraform to provision AWS resources with static privileged credentials. Your security team requests that you use Vault to limit AWS access when needed. How can you enhance this process and increase pipeline security?

A. Enable the SSH secrets engine and have Terraform generate dynamic credentials when deploying resources in AWS
B. Enable the Transit secrets engine to encrypt the AWS credentials and have Terraform retrieve these credentials when needed
C. Store the AWS credentials in the Vault KV store and use the Vault provider to obtain these credentials on each terraform apply
D. Enable the aws secrets engine and configure Terraform to dynamically generate a short- lived AWS credential on each terraform apply

Answer: D

NEW QUESTION 126
- (Topic 4)
You have enabled the Transit secrets engine on your Vault cluster to provide an "encryption as a service" service as your team develops new applications. What is a prime use case for the Transit secrets engine?

A. Encrypting data before being written to an Amazon S3 bucket
B. Storing the encrypted data in Vault for easy retrieval
C. Generating dynamic SSH credentials for access to local systems
D. Creating X.509 certificates for a new fleet of containers

Answer: A

NEW QUESTION 129
- (Topic 4)
You are planning the deployment of your first Vault cluster and have decided to use Integrated Storage as the storage backend. Where do you configure the storage backend to be used by Vault?

A. In the systemd service file
B. Inside the Vault service once Vault is up and running
C. In the Vault configuration file
D. In the Vault Agent sink file

Answer: C

NEW QUESTION 133
- (Topic 4)
Your organization has applications in a primary data center and a secondary warm-standby site. You want to configure Vault replication between the primary and secondary clusters. If the primary fails over to the secondary, the applications must interact with Vault without re- authenticating. What type of Vault replication would you use?

A. Performance Replication

B. Integrated Storage
C. Disaster Recovery Replication
D. Vault Secrets Operator

Answer: C

NEW QUESTION 138
- (Topic 4)
A MySQL server has been deployed on Google Cloud Platform (GCP) to support a legacy application. You want to generate dynamic credentials against this MySQL server rather than use static credentials. What Vault secrets engine would you use to accomplish this?

A. The GCP secrets engine
B. The Identity secrets engine
C. The database secrets engine
D. The Cubbyhole secrets engine

Answer: C

NEW QUESTION 143
- (Topic 4)
True or False? Performing a rekey operation using the vault operator rekey command creates new unseal/recovery keys as well as a new root key?

A. True
B. False

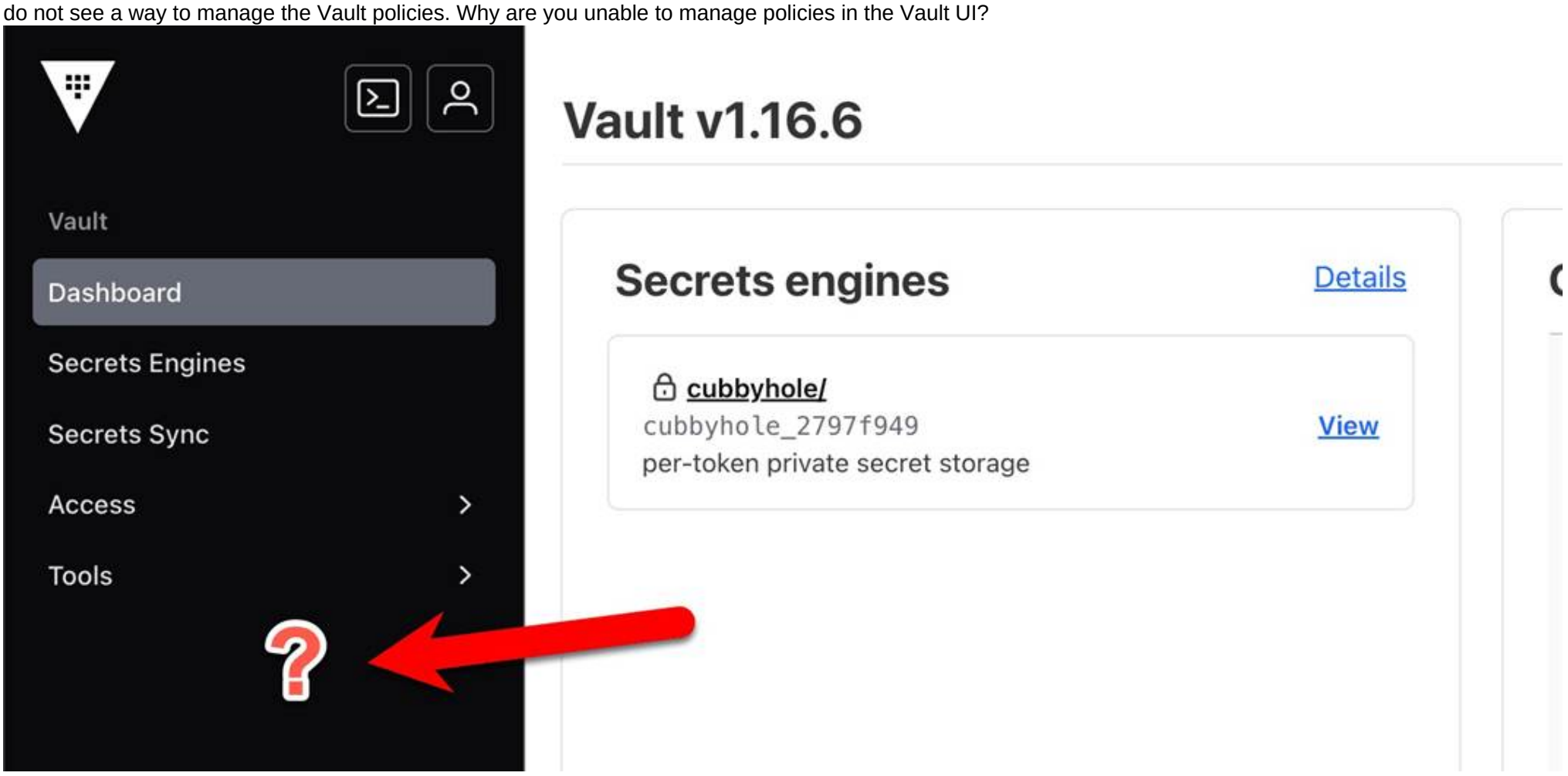
Answer: B

NEW QUESTION 146
- (Topic 4)
An Active Directory admin created a service account for an internal application. You want to store these credentials in Vault, allowing a CI/CD pipeline to read and configure the application with them during provisioning. Vault should maintain the last 3 versions of this secret. Which Vault secrets engine should you use?

A. The KV secrets engine
B. The LDAP secrets engine
C. The Identity secrets engine
D. The KV v2 secrets engine

Answer: D

NEW QUESTION 148
- (Topic 4)
Your supervisor has requested that you log into Vault and update a policy for one of the development teams. You successfully authenticated to Vault via OIDC but do not see a way to manage the Vault policies. Why are you unable to manage policies in the Vault UI?



A. Policies are only available on Vault Enterprise
B. The Vault node is sealed, and therefore you cannot manage policies
C. Policies cannot be managed in the UI, only the CLI and API
D. The policy associated with your login does not permit access to manage policies

Answer: D

NEW QUESTION 151
- (Topic 5)
Which of these is not a benefit of dynamic secrets?

A. Supports systems which do not natively provide a method of expiring credentials
B. Minimizes damage of credentials leaking
C. Ensures that administrators can see every password used
D. Replaces cumbersome password rotation tools and practices

Answer: C

NEW QUESTION 153
- (Topic 5)
Vault supports which type of configuration for source limited token?

A. Cloud-bound tokens
B. Domain-bound tokens
C. CIDR-bound tokens
D. Certificate-bound tokens

Answer: C

NEW QUESTION 157
- (Topic 5)
How would you describe the value of using the Vault transit secrets engine?

A. Vault has an API that can be programmatically consumed by applications
B. The transit secrets engine ensures encryption in-transit and at-rest is enforced enterprise wide
C. Encryption for application data is best handled by a storage system or database engine, while storing encryption keys in Vault
D. The transit secrets engine relieves the burden of proper encryption/decryption from application developers and pushes the burden onto the operators of Vault

Answer: D

NEW QUESTION 158
- (Topic 5)
You are using the Vault userpass auth method mounted at auth/userpass. How do you create a new user named "sally" with password "h0wN0wB4r0wnC0w"? This new user will need the power-users policy.

A.
```
vault put auth/userpass/users/sally \
password=h0wN0wB4r0wnC0w \
policies=power-users
```

B.
```
vault write userpass/sally \
password=h0wN0wB4r0wnC0w \
policies=power-users
```

C.

```
vault kv write userpass/sally \
password=h0wN0wB4r0wnC0w \
policies=power-users
```

D.

```
vault write auth/userpass/users/sally \
password=h0wN0wB4r0wnC0w \
policies=power-users
```

Answer: D

NEW QUESTION 163
- (Topic 5)
Which of the following vault lease operations uses a lease _ id as an argument? Choose two correct answers.

A. renew
B. revoke -prefix
C. create
D. describe
E. revoke

Answer: AE

NEW QUESTION 168
- (Topic 5)
Which of the following statements describe the CLI command below? S vault login -method-1dap username-mitche11h

A. Generates a token which is response wrapped
B. You will be prompted to enter the password
C. By default the generated token is valid for 24 hours
D. Fails because the password is not provided

Answer: A

NEW QUESTION 173
- (Topic 5)
What command creates a secret with the key "my-password" and the value "53cr3t" at path "my-secrets" within the KV secrets engine mounted at "secret"?

A. vault kv put secret/my-secrets/my-password 53cr3t
B. vault kv write secret/my-secrets/my-password 53cr3t
C. vault kv write 53cr3t my-secrets/my-password
D. vault kv put secret/my-secrets »y-password-53cr3t

Answer: A

NEW QUESTION 175
- (Topic 5)
What can be used to limit the scope of a credential breach?

A. Storage of secrets in a distributed ledger
B. Enable audit logging
C. Use of a short-lived dynamic secrets
D. Sharing credentials between applications

Answer: C

NEW QUESTION 178

- (Topic 5)
A user issues the following cURL command to encrypt data using the transit engine and the Vault AP:

```
curl \
--header "X-Vault-Token: c4f280f6-fdb2-18eb-89d3-589e2e834cdb" \
--request POST \<
--data @payload.json \
http://127.0.0.1:8200/v1/transit/encrypt/my-key
```

Which payload.json file has the correct contents?

A.
```
{
  "plaintext": "dGhlIHF1aWNrIGJyb3duIGZveA=="
}
```

B.
```
{
  "ciphertext": "vault:v1:abcdefgh"
}
```

C.
```
{
  "data": {
    "plaintext": "dGhlIHF1aWNrIGJyb3duIGZveA=="
  }
}
```

D.
```
{
  "data": {
    "ciphertext": "vault:v1:abcdefgh"
  }
}
```

Answer: C

NEW QUESTION 181
- (Topic 5)
Which of the following describes the Vault's auth method component?

A. It verifies a client against an internal or external system, and generates a token with the appropriate policies attached
B. It verifies a client against an internal or external system, and generates a token with root policy
C. It is responsible for durable storage of client tokens
D. It dynamically generates a unique set of secrets with appropriate permissions attached

Answer: A

NEW QUESTION 184
- (Topic 5)
You can build a high availability Vault cluster with any storage backend.

A. True
B. False

Answer: B

NEW QUESTION 189
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