

# HashiCorp Certified: Vault Associate (002)

1. Which auth method is ideal for machine to machine authentication?

A. GitHub

B. UserPass

C. AppRole

D. Okta

**Answer(s): C**

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2. When Vault is sealed, which are the only two options available to a Vault administrator? (select two)

A. rotate the encryption key

B. unseal Vault

C. view the status of Vault

D. configure policies

E. author security policies

F. view data stored in the key/value store

**Answer(s): B C**

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3. After creating a dynamic credential on a database, the DBA accidentally deletes the credentials on the database itself. When attempting to remove the lease, Vault returns an error stating that the credential cannot be found. What command can be run to coerce Vault to remove the secret?

A. vault lease -renew

B. vault lease revoke -force -prefix

C. vault revoke -apply

D. vault lease revoke -enforce

**Answer(s): B**

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4. What type of token does not have a TTL (time to live)?

A. default tokens

B. parent tokens

C. user tokens

D. root tokens

E. expired tokens

F. child tokens

**Answer(s): D**

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5. An application is trying to use a secret in which the lease has expired. What can be done in order for the application to successfully request data from Vault?

A. request a new secret and associated lease

B. try the expired secret in hopes it hasn't been deleted yet

C. request the TTL be extended for the secret

D. perform a lease renewal

**Answer(s): A**

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6. Vault has failed to start. You inspect the log and find the error below. What needs to be changed in order to successfully start Vault?

"Error parsing config.hcl: At 1:12: illegal char"

A. the " character cannot be used in the config file

B. fix the syntax error in the Vault configuration file

C. you must use single quotes vs double quotes in the config file

D. line 1 on the config file is blank

**Answer(s): B**

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7. Which command is used to initialize Vault after first starting the Vault service?

A. vault create key

B. vault operator init

C. vault operator initialize keys

D. vault start

E. vault operator unseal

**Answer(s): B**

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8. What is the result of the following Vault command?

vault auth enable userpass

A. Imports usernames and passwords from LDAP to the local database

B. allows Vault to access usernames and passwords stored in a second Vault cluster

C. Enables Vault to use external services to authenticate clients to Vault

D. mounts the userpass auth method to the default path

**Answer(s): D**

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**9.** In order to extend Vault beyond a data center or cloud regional boundary, what feature should be used?

A. plugins

B. secrets engine

C. replication

D. seal/unseal

E. snapshots

**Answer(s): C**

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**10.** When creating a dynamic secret in Vault, Vault returns what value that can be used to renew or revoke the lease?

A. lease\_id

B. vault\_accessor

C. revocation\_access

D. token\_revocation\_id

**Answer(s): A**

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11. Which is not a capability that can be used when writing a Vault policy?

A. read

B. list

C. delete

D. create

E. modify

F. update

**Answer(s): E**

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12. Which is not a benefit of running HashiCorp Vault in your environment?

A. Integrate with your code repository to pull secrets when deploying your applications

B. Consolidate static, long-lived passwords used throughout your organization

C. Act as root or intermediate certificate authority to automate the generation of PKI certificates

D. The ability to generate dynamic secrets for applications and resource access

**Answer(s): A**

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13. Which of the following settings are configured using the configuration file? (select three)

A. Cluster Name

B. Replication

C. Seal Type

D. Auth Methods

E. Namespaces

F. Storage Backend

G. Audit Devices

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

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**14.** Vault's User Interface (UI) needs to be enabled in the command line before it can be used.

A. FALSE

B. TRUE

**Answer(s):** A

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**15.** Which of the following unseal options can automatically unseal Vault upon the start of the Vault service? (select four)

A. Transit

B. HSM

C. AWS KMS

D. Key Shards

E. Azure KMS

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

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**16.** Which TCP port does Vault use, by default, for its API and UI?

A. 8600

B. 8201

C. 8500

D. 8301

E. 8300

F. 8200

**Answer(s): F**

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**17.** The userpass auth method has the ability to access external services in order to provide authentication to Vault.

A. FALSE

B. TRUE

**Answer(s): A**

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**18.** What is the default method of authentication after first initializing Vault?

A. GitHub

B. AppRole

C. Admin account

D. Tokens

E. Userpass

F. TLS certificates

**Answer(s): D**

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**19.** Which of the following best describes the storage backend?

A. configures client interaction with a cloud storage service, such as Amazon S3

B. configures the location for storage of Vault data

C. selects the type of storage the Vault node runs on, such as SSD or traditional spinning hard drive

D. Encrypts the hard drives of the server which Vault is running on

**Answer(s): B**

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**20.** Which of the following secrets engine can generate dynamic credentials? (select three)

A. Azure

B. database

C. key/value

D. Transit

E. AWS

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

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