

1. **True or False: It is best practice to automate the failover decision in the event of a Vault primary cluster failure.**
 - a. False (can lead to split-brain scenario)
2. **True or False: A primary Vault cluster can only replicate to either a DR secondary OR a performance secondary, but not both.**
 - a. False (a primary can be connected to both)
3. **Which replication type provides an active-active service?**
 - a. Performance replication
4. **Which type of replication includes tokens and dynamic secrets?**
 - a. dr
5. **What is the API endpoint for Vault health checking and status?**
 - a. /sys/health
6. **What is the API endpoint for unsealing vault?**
 - a. /sys/unseal
7. **True or False: It is best practice to enable multiple audit devices.**
 - a. True (if no audit devices are available, Vault will stop servicing requests)
8. **When troubleshooting hanging or failing connections to Vault, what are the first things to look at?**
 - a. Expired ssl certs, exhausted file descriptor limit, depleted memory, all audit devices unavailable
9. **If an entity has multiple linked multiple policies and one is Read-Only while another is Read/Write, what would the effective policy be?**
 - a. Read/Write (policies are additive)
10. **What policy permission overrides all other permissions?**
 - a. Deny
11. **What language are policies written in?**
 - a. HCL
12. **How could an orchestrator look up the properties of a machine token without actually having the token?**
 - a. Token accessor
13. **What are the two types of tokens?**
 - a. Service and Batch

14. What are the main differences between a service and batch token?

- a. Service tokens are created dynamically and are not replicated over a performance link. Batch tokens are manually created and are replicated over a performance link.

15. True or False: When a token is revoked, all static secrets retrieved are revoked as well.

- a. False (only dynamically generated secrets are revoked)

16. What token property determines how long a token is valid?

- a. TTL

17. What auth method can be used when no other auth types are available for an entity?

- a. AppRole

18. What are the two types of supported auth methods for AWS?

- a. EC2 and IAM

19. True or False: GCP auth can be used as a user auth method for G Suite users.

- a. False (it only authenticates GCP entities)

20. What is the recommended method for secrets retrieval in a k8s environment?

- a. Vault agent (init container for static secrets, sidecar for dynamic)

21. What is the best method to authenticate on-prem VMs?

- a. AppRole