

# HashiCorp Vault Operations Professional

HASHICORP SECURITY AUTOMATION CERTIFICATION QUESTIONS & ANSWERS

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Exam Summary – Syllabus – Questions

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**VAULT OPERATIONS PROFESSIONAL**

HashiCorp Certified Vault Operations Professional

57 Questions Exam – 70% Cut Score – Duration of 240 minutes

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## Know Your Vault Operations Professional Certification Well:

The Vault Operations Professional is best suitable for candidates who want to gain knowledge in the HashiCorp Security Automation. Before you start your Vault Operations Professional preparation you may struggle to get all the crucial Security Automation materials like Vault Operations Professional syllabus, sample questions, study guide.

But don't worry the Vault Operations Professional PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the Vault Operations Professional syllabus?
- How many questions are there in the Vault Operations Professional exam?
- Which Practice test would help me to pass the Vault Operations Professional exam at the first attempt?

Passing the Vault Operations Professional exam makes you HashiCorp Certified Vault Operations Professional. Having the Security Automation certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## HashiCorp Vault Operations Professional Security Automation Certification Details:

<b>Exam Name</b>	HashiCorp Certified Vault Operations Professional (Security Automation)
<b>Exam Code</b>	Security Automation
<b>Exam Price</b>	\$295 USD
<b>Duration</b>	240 minutes
<b>Number of Questions</b>	57
<b>Passing Score</b>	Pass / Fail (Approx 70%)
<b>Recommended Training / Books</b>	<a href="#">Study Guide - Vault Operations Professional Certification</a> <a href="#">Review Guide - Vault Operations Professional Certification</a>
<b>Schedule Exam</b>	<a href="#">Cloud Engineer Certification Exam Portal</a>
<b>Sample Questions</b>	<a href="#">HashiCorp Vault Operations Professional Sample Questions</a>
<b>Recommended Practice</b>	<a href="#">HashiCorp Certified Vault Operations Professional Practice Test</a>

## Vault Operations Professional Syllabus:

Section	Objectives
<b>Create a working Vault server configuration given a scenario</b>	<ul style="list-style-type: none"> <li>- Enable and configure secret engines</li> <li>- Practice production hardening</li> <li>- Auto unseal Vault</li> <li>- Implement integrated storage for open source and Enterprise Vault</li> <li>- Enable and configure authentication methods</li> <li>- Practice secure Vault initialization</li> <li>- Regenerate a root token</li> <li>- Rekey Vault and rotate encryption keys</li> </ul>
<b>Monitor a Vault environment</b>	<ul style="list-style-type: none"> <li>- Monitor and understand Vault telemetry</li> <li>- Monitor and understand Vault audit logs</li> <li>- Monitor and understand Vault operational logs</li> </ul>
<b>Employ the Vault security model</b>	<ul style="list-style-type: none"> <li>- Describe secure introduction of Vault clients</li> <li>- Describe the security implications of running Vault in Kubernetes</li> </ul>
<b>Build fault-tolerant Vault environments</b>	<ul style="list-style-type: none"> <li>- Configure a highly available (HA) cluster</li> <li>- [Vault Enterprise] Enable and configure disaster recovery (DR) replication</li> <li>- [Vault Enterprise] Promote a secondary cluster</li> </ul>
<b>Understand the hardware security module (HSM) integration</b>	<ul style="list-style-type: none"> <li>- [Vault Enterprise] Describe the benefits of auto unsealing with HSM</li> <li>- [Vault Enterprise] Describe the benefits and use cases of seal wrap (PKCS#11)</li> </ul>
<b>Scale Vault for performance</b>	<ul style="list-style-type: none"> <li>- Use batch tokens</li> <li>- [Vault Enterprise] Describe the use cases of performance standby nodes</li> <li>- [Vault Enterprise] Enable and configure performance replication</li> <li>- [Vault Enterprise] Create a paths filter</li> </ul>
<b>Configure access control</b>	<ul style="list-style-type: none"> <li>- Interpret Vault identity entities and groups</li> <li>- Write, deploy, and troubleshoot ACL policies</li> <li>- [Vault Enterprise] Understand Sentinel policies</li> <li>- [Vault Enterprise] Define control groups and describe their basic workflow</li> <li>- [Vault Enterprise] Describe and interpret multi-tenancy with namespaces</li> </ul>
<b>Configure Vault Agent</b>	<ul style="list-style-type: none"> <li>- Securely configure auto-auth and token sink</li> <li>- Configure templating</li> </ul>

# HashiCorp Vault Operations Professional Sample Questions:

## Question: 1

Many organizations are moving to host applications in Kubernetes clusters. When it comes to Vault, it is important to understand additional considerations when hosting services in a container-based environment.

Which of the following items is NOT a recommended step to mitigate potential security vulnerabilities when running Vault on Kubernetes?

- a) Ensure mlock is enabled
- b) Ensure end-to-end encryption using TLS certificates
- c) Ensure the Vault process is not running as the root user
- d) Offload TLS by ensuring that traffic is terminated at load balancers

**Answer: d**

## Question: 2

Your management team has approached you regarding the Vault environment at your organization. They recently heard something about an "auto unseal" feature, and what options are available to enable it. Which of the following options is NOT a supported method for auto unseal?

- a) Shamir
- b) Cloud Key Management services like AWS KMS or Azure Key Vault
- c) Vault's Transit Secret Engine
- d) Hardware Security Module (HSM)

**Answer: a**

## Question: 3

An internal compliance initiative has been adopted at your organization, and the head of the compliance team is interested in how Sentinel can integrate with Vault. Sentinel can provide a rich set of access control functionality that goes beyond the standard Vault ACL policies.

What are the two additional policy types that can be used with Sentinel?

- a) Secret Governing Policies (SGPs) and Authentication Governing Policies (AGPs)
- b) Role Governing Policies (RGPs) and Endpoint Governing Policies (EGPs)
- c) Extended Governance Policies (EGPs) and Token Governing Policies (TGPs)
- d) Functional Governance Policies (FGPs) and Path-Based Governing Policies (PGPs)

**Answer: b**

**Question: 4**

Due to an internal compliance audit at your client Binford Tools, they have contacted you about performing a rotate and rekey in their Vault environment. They are unsure if and when they will need their current unseal keys during these processes. Select the statement below that is true regarding the rotate and rekey process.

- a) Both the rekey and rotate processes will require a threshold of key holders.
- b) Neither process requires a threshold of key holders if you are logged in as a root token
- c) The rekey operation requires a threshold of key holders. The rotate operation does NOT require a threshold of key holders.
- d) The rekey operation requires sudo privileges on the root-protected path. However, the rotate operation requires a threshold of key holders.

**Answer: c****Question: 5**

What metrics should you monitor to ensure Vault is performing within expected parameters?

- a) CPU temperature, system uptime, and network latency
- b) Network traffic, disk space, and user sessions
- c) Authentication errors, secret engine usage, and audit logs
- d) CPU usage, memory usage, and disk I/O

**Answer: d****Question: 6**

The Vault Agent allows for the use of "auto-auth", which allows the agent to authenticate, retrieve a Vault token, and manage the token lifecycle with the configured method. Which of the following auto-auth methods is \*\*\*NOT\*\*\* a valid option for the Vault Agent to use during authentication to Vault?

- a) AWS
- b) Kubernetes
- c) LDAP
- d) Azure
- e) AppRole

**Answer: c****Question: 7**

How can you monitor Vault telemetry?

- a) By reviewing Vault audit logs
- b) By using third-party monitoring tools
- c) By querying the Vault API
- d) By monitoring system resources on the Vault server

**Answer: b**

**Question: 8**

What is the advantage of implementing integrated storage for open source and Enterprise Vault?

- a) Improved performance and scalability
- b) Better security and access control
- c) Simplified backup and disaster recovery
- d) Enhanced audit logging and reporting

**Answer: a**

**Question: 9**

Your organization is currently using Vault's KV store to consolidate secrets and sensitive data accessed by applications and users across the organization. Right now, the KV version 1 secrets engine is being used, but multiple Vault consumers are requesting you to add versioning capabilities to the KV secrets engine.

How can you add versioning to the KV store while minimizing the impacts to existing clients?

- a) Enable a KV V2 secrets engine at the same path as the existing KV Version 1 store. This will allow clients to start taking advantage of versioning capabilities.
- b) KV does not support versioning and is not a capability that can be added.
- c) Enable a new KV Version 2 secrets engine on a new path. Use the vault move command to migrate all of the data from the old path to the new path.
- d) Upgrade the KV store to KV Version 2 using the command `kv enable-versioning /path`

**Answer: d**

**Question: 10**

How can you enable and configure performance replication in Vault Enterprise?

- a) By using the Vault UI dashboard
- b) By editing the Vault configuration files on the server
- c) By using the Vault API and CLI commands
- d) By configuring replication in a third-party tool or service

**Answer: c**

# Study Guide to Crack HashiCorp Security Automation Vault Operations Professional Exam:

- Getting details of the Vault Operations Professional syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the Vault Operations Professional exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the HashiCorp provided training for Vault Operations Professional exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the Vault Operations Professional sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on Vault Operations Professional practice tests is must. Continuous practice will make you an expert in all syllabus areas.

## Reliable Online Practice Test for Vault Operations Professional Certification

Make VMExam.com your best friend during your HashiCorp Certified Vault Operations Professional exam preparation. We provide authentic practice tests for the Vault Operations Professional exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual Vault Operations Professional exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the Vault Operations Professional exam.

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