

# Pass HashiCorp Consul Associate Exam: Study Tips & Resources!

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**HASHICORP NETWORKING AUTOMATION  
CERTIFICATION QUESTIONS & ANSWERS**

**Get Instant Access to Vital Exam Acing  
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Practice Test**

**CONSUL ASSOCIATE**

[HashiCorp Certified - Consul Associate](#)

57 Questions Exam – 70% Cut Score – Duration of 60 minutes

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## Get Ready for the Consul Associate Exam:

Prepare effectively for the Consul Associate exam using reliable [study strategies and methods](#). Enhance your preparedness, deepen your understanding of the Networking Automation, and enhance your likelihood of achieving success in the HashiCorp Certified - Consul Associate with our comprehensive guide. Embark on your path to exam excellence today.

## Know More About the HashiCorp Certified - Consul Associate Certification:

<b>Exam Name</b>	HashiCorp Certified Consul Associate (Networking Automation)
<b>Exam Code</b>	Networking Automation
<b>Exam Price</b>	\$70 USD
<b>Duration</b>	60 minutes
<b>Number of Questions</b>	57
<b>Passing Score</b>	Pass / Fail (Approx 70%)
<b>Recommended Training / Books</b>	<a href="#">Prepare for the exam</a>
<b>Schedule Exam</b>	<a href="#">Cloud Engineer Certification Exam Portal</a>
<b>Sample Questions</b>	<a href="#">HashiCorp Consul Associate Sample Questions</a>
<b>Recommended Practice</b>	<a href="#">HashiCorp Certified - Consul Associate Practice Test</a>

## Learn More About the Consul Associate Syllabus:

Section	Objectives
<b>Explain Consul architecture</b>	<ul style="list-style-type: none"> <li>- Identify the components of Consul datacenter, including agents and communication protocols</li> <li>- Prepare Consul for high availability and performance</li> <li>- Identify Consul's core functionality</li> <li>- Differentiate agent roles</li> </ul>

Section	Objectives
<b>Deploy a single datacenter</b>	<ul style="list-style-type: none"> <li>- Start and manage the Consul process</li> <li>- Interpret a Consul agent configuration</li> <li>- Configure Consul network addresses and ports</li> <li>- Describe and configure agent join and leave behaviors</li> </ul>
<b>Register services and use service discovery</b>	<ul style="list-style-type: none"> <li>- Interpret a service registration</li> <li>- Differentiate ways to register a single service</li> <li>- Interpret a service configuration with health check</li> <li>- Check the service catalog status from the output of the DNS/API interface or via the Consul UI</li> <li>- Interpret a prepared query</li> <li>- Use a prepared query</li> </ul>
<b>Access the Consul key/value (KV)</b>	<ul style="list-style-type: none"> <li>- Understand the capabilities and limitations of the KV store</li> <li>- Interact with the KV store using both the Consul CLI and UI</li> <li>- Monitor KV changes using watch</li> <li>- Monitor KV changes using envconsul and consul-template</li> </ul>
<b>Back up and restore</b>	<ul style="list-style-type: none"> <li>- Describe the content of a snapshot</li> <li>- Back up and restore the datacenter</li> <li>- [Enterprise] Describe the benefits of snapshot agent features</li> </ul>
<b>Use Consul service mesh</b>	<ul style="list-style-type: none"> <li>- Understand Consul Connect service mesh high level architecture</li> <li>- Describe configuration for registering a service proxy</li> <li>- Describe intentions for Consul Connect service mesh</li> <li>- Check intentions in both the Consul CLI and UI</li> </ul>
<b>Secure agent communication</b>	<ul style="list-style-type: none"> <li>- Understanding Consul security/threat model</li> <li>- Differentiate certificate types needed for TLS encryption</li> <li>- Understand the different TLS encryption settings for a fully secure datacenter</li> </ul>
<b>Secure services with basic access control lists (ACL)</b>	<ul style="list-style-type: none"> <li>- Set up and configure a basic ACL system</li> <li>- Create policies</li> <li>- Manage token lifecycle: multiple policies, token revoking, ACL roles, service identities</li> <li>- Perform a CLI request using a token</li> <li>- Perform an API request using a token</li> </ul>
<b>Use gossip encryption</b>	<ul style="list-style-type: none"> <li>- Understanding the Consul security/threat model</li> <li>- Configure gossip encryption for the existing data center</li> <li>- Manage the lifecycle of encryption keys</li> </ul>

# Prepare with Consul Associate Sample Questions:

## Question: 1

What are the benefits of using the Consul Enterprise feature of adding non-voting servers in a redundancy zone to your Consul datacenter?

Choose two correct answers.

- a) Read-scalability
- b) Redundancy
- c) Increase quorum
- d) Segment your network
- e) Disaster recovery

**Answer: a, b**

## Question: 2

What command can be used for new Consul agents to become a member of an existing cluster?

- a) `consul cluster -join`
- b) `consul connect`
- c) `consul exec -join`
- d) `consul join`

**Answer: d**

## Question: 3

In the Enterprise offering of Consul, a server agent can be either a voting or non-voting member of the cluster.

Select the statements below that are true in regards to a non-voting member.

(select three)

- a) a non-voting member still receives replicated data
- b) a non-voting member does not participate in the Raft quorum
- c) a non-voting member can be automatically promoted to a voting member
- d) a non-voting member does not receive replicated data
- e) a non-voting member participates in the Raft quorum
- f) a non-voting member cannot be automatically promoted to a voting member

**Answer: a, b, c**

**Question: 4**

Your security team has established company policies that require encryption keys to be rotated at least once a year for all applicable systems. Consul has been identified as an affected system, and the encryption key for gossip must be rotated across the entire environment.

However, you have multiple Consul clusters, each consisting of five Consul nodes and hundreds of services registered with Consul, each of which has the gossip key explicitly written to the configuration file.

What built-in Consul feature allows you to distribute a new encryption key to all the servers and nodes and remove the old one?

- a) use the consul keyring command
- b) use consul maint command
- c) use consul exec command
- d) use the consul keygen command

**Answer: a**

**Question: 5**

Based on the configuration file below, what datacenter will the Consul agent join once the Consul service has started?

```
{
  "server": false,
  "node_name": "web-dc-1",
  "datacenter": "us-east-1",
  "data_dir": "/opt/consul/data",
  "bind_addr": "10.0.41.95",
  "client_addr": "10.0.41.95",
  "retry_join": ["provider=aws tag_key=consul tag_value=true"],
  "log_level": "INFO",
  "enable_syslog": true,
}
```

- a) web-dc-1
- b) us-east-1
- c) consul
- d) aws

**Answer: b**

**Question: 6**

During leadership election, which members in the local datacenter get a vote to elect a new leader?

- a) Consul clients
- b) Consul servers and clients
- c) Consul server nodes
- d) Consul servers, read-only server nodes, and clients

**Answer: c**

**Question: 7**

Which protocol(s) need to be enabled in your network configuration to permit the nodes to communicate over the gossip protocol?

- a) TCP and UDP
- b) gRPC
- c) SSL
- d) HTTP and HTTPS
- e) All of the above

**Answer: a**

**Question: 8**

Scenario: You currently have services in your environment which grab configuration data from Consul's KV store upon initial deployment. However, you often need to make changes to these values depending on changes to your environment. You want to automate the update to the configuration file with the new values and reload the application so the new settings take effect.

From the answers below, what integrated feature can be used to achieve this?

- a) schedule a rolling restart of the services depending on the expected schedule of changes
- b) use a third-party monitoring solution to alert the development team of changes to the KV so they can restart the services
- c) use consul-template as a daemon and configure it to update the desired configuration files
- d) tail the log file and watch for changes to the specific key/value - execute an external script to make the changes

**Answer: c**

**Question: 9**

After enabling Consul ACLs, what are two ways that you can supply the token when executing a Consul command on the CLI?

(Select two)

- a) set the Consul ACL token using the consul operator token command
- b) append the flag -token at the of each command
- c) configure the token in the configuration file
- d) set the environment variable CONSUL\_HTTP\_TOKEN

**Answer: b, d**

**Question: 10**

Scenario: You are storing configuration settings for your application in Consul's K/V store, and each setting is critical to the successful implementation of the application. A developer recently updated the value for app1, causing the deployment to fail.

What Consul feature can be used to monitor the K/V store for updates and automatically take action to remediate the issue?

- a) use the raft consensus protocol to replicate the changes from the other nodes when a value is changed
- b) set up health checks to monitor for changes to the K/V store
- c) configure a watch and execute a script to update the application
- d) set up an ACL to automatically restart the Consul service when a value is changed

**Answer: c**

## Tips for Success in the HashiCorp Certified Consul Associate Exam:

### Familiarize Yourself with the Consul Associate Exam Format:

Before starting your study regimen, it's crucial to acquaint yourself with the structure of the Consul Associate exam. Take a moment to review the exam [syllabus](#), grasp the test format, and pinpoint the main areas of concentration. Having prior knowledge of the exam's layout will assist you in customizing your study strategy effectively.

### Create A Study Timetable for the Consul Associate Exam:

To prepare efficiently for the Consul Associate exam, devise a study schedule that aligns with your lifestyle and preferred learning approach. Allocate dedicated time



slots for studying each day, [prioritizing topics](#) according to their significance and your level of proficiency. Maintaining consistency by adhering to your schedule and steering clear of procrastination is imperative.

## **Diversify Your Study Sources:**

Ensure you broaden your study material beyond just one source. Use various resources like textbooks, online courses, practice exams, and study guides to understand the Consul Associate exam subjects thoroughly. Each resource provides distinct perspectives and explanations that can enrich your learning journey.

## **Regular Practice for the Consul Associate Exam:**

Consistent practice is essential for effective preparation for the Consul Associate exam. Engaging in regular practice enables you to strengthen your grasp of essential concepts, improve your problem-solving abilities, and become accustomed to the exam format. Allocate dedicated time to solving practice questions and sample tests to assess your progress accurately.

## **Allow for Rest and Breaks:**

While studying is crucial, taking breaks and rest is equally vital. Pushing yourself too hard without sufficient rest can result in burnout and reduced effectiveness. Incorporate short breaks into your study sessions to recharge and stay focused.

## **Maintain Organization Throughout Your Consul Associate Exam Preparation:**

Keep yourself organized as you prepare for the Consul Associate exam by monitoring your progress and managing your materials effectively. Ensure your study area remains neat, utilize folders or digital aids to arrange your notes and resources, and develop a checklist of topics to review. Employing an organized approach will assist you in staying focused and reducing stress levels.

## **Seek Guidance from Mentors:**

Feel free to ask for clarification when you come across confusing or difficult concepts during your study sessions. Seek support from peers, instructors, or online forums to address any uncertainties. Addressing doubts will prevent misunderstandings and ensure you develop a strong [understanding of the material](#).

## **Regular Review is Crucial for the Consul Associate Exam:**

Frequent revisiting of material is paramount for retaining information over the long term. Revisit topics you've already covered to strengthen your comprehension and

pinpoint areas that need further focus. Regular review sessions will [solidify your understanding](#) and enhance your confidence.

## Master Time Management for the Consul Associate Exam:

Skillful time management is essential on the exam day to ensure you finish all sections within the designated time limits. During your practice sessions, replicate the conditions of the Consul Associate exam and practice managing your time accordingly. Formulate strategies for efficiently addressing each section to optimize your score.

## Have A Positive Mindset:

Finally, maintain a positive attitude and have faith in your capabilities. Stay confident in your preparation and trust that you are well-prepared to handle the Consul Associate exam. Envision success, remain focused, and approach the exam calmly and objectively.

## Benefits of Passing the Consul Associate Exam:

- Completing the Consul Associate exam unlocks pathways to fresh career prospects and progression within your industry.
- The extensive preparation needed for the Consul Associate certification equips you with comprehensive knowledge and practical expertise applicable to your field.
- Possessing the Consul Associate certification showcases your mastery and dedication to excellence, garnering acknowledgment from both peers and employers.
- Certified professionals often command higher salaries and have greater potential for earning than those without certification.
- Acquiring the Consul Associate certification validates your competence and trustworthiness, fostering confidence among clients, employers, and peers.

## Explore the Trusted Practice Exam for the Consul Associate Certification:

At VMExam.com, you'll find comprehensive resources for the Consul Associate exam. Our platform offers authentic practice exams tailored specifically for the Consul Associate certification. What advantages do these practice exams provide? You'll encounter genuine exam-style questions expertly crafted by industry professionals,

allowing you to improve your performance in the exam. Rely on VMExam.com for rigorous, unlimited access to [Consul Associate practice exams](#) for two months, allowing you to boost your confidence steadily. Through focused practice, numerous candidates have successfully streamlined their path to achieving the HashiCorp Certified - Consul Associate.

## Final Remarks:

Preparing for the Consul Associate examination demands commitment, strategic planning, and efficient study methods. Implementing these study suggestions can enrich your preparation, elevate your self-assurance, and increase your likelihood of excelling in the exam. Keep your focus sharp, maintain organization, and believe in your abilities. Best of luck!

### Here Is the Trusted Practice Test for the Consul Associate Certification

VMExam.Com is here with all the necessary details regarding the Consul Associate exam. We provide authentic practice tests for the Consul Associate exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on VMExam.Com for rigorous, unlimited two-month attempts on the [Consul Associate practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the HashiCorp Certified - Consul Associate.

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