

HashiCorp Terraform Associate

HASHICORP INFRASTRUCTURE AUTOMATION CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

TERRAFORM ASSOCIATE

HashiCorp Certified - Terraform Associate

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

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Know Your Terraform Associate Certification Well:

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

But don't worry the Terraform Associate 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 Terraform Associate syllabus?
- How many questions are there in the Terraform Associate exam?
- Which Practice test would help me to pass the Terraform Associate exam at the first attempt?

Passing the Terraform Associate exam makes you HashiCorp Certified - Terraform Associate. Having the Infrastructure 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 Terraform Associate Infrastructure Automation Certification Details:

Exam Name	HashiCorp Certified Terraform Associate (Infrastructure Automation)
Exam Code	Terraform Associate
Exam Price	\$70.50 USD
Duration	60 minutes
Number of Questions	57
Passing Score	Pass / Fail (Approx 70%)
Recommended Training / Books	Prepare for the exam
Schedule Exam	Cloud Engineer Certification Exam Portal
Sample Questions	HashiCorp Terraform Associate Sample Questions
Recommended Practice	HashiCorp Certified - Terraform Associate Practice Test

Terraform Associate Syllabus:

Section	Objectives
Understand infrastructure as code (IaC) concepts	<ul style="list-style-type: none"> - Explain what IaC is - Describe advantages of IaC patterns
Understand Terraform's purpose (vs other IaC)	<ul style="list-style-type: none"> - Explain multi-cloud and provider-agnostic benefits - Explain the benefits of state
Understand Terraform basics	<ul style="list-style-type: none"> - Handle Terraform and provider installation and versioning - Describe plugin based architecture - Demonstrate using multiple providers - Describe how Terraform finds and fetches providers - Explain when to use and not use provisioners and when to use local-exec or remote-exec
Use the Terraform CLI (outside of core workflow)	<ul style="list-style-type: none"> - Given a scenario: choose when to use terraform fmt to format code - Given a scenario: choose when to use terraform taint to taint Terraform resources - Given a scenario: choose when to use terraform import to import existing infrastructure into your Terraform state - Given a scenario: choose when to use terraform workspace to create workspaces - Given a scenario: choose when to use terraform state to view Terraform state - Given a scenario: choose when to enable verbose logging and what the outcome/value is
Interact with Terraform modules	<ul style="list-style-type: none"> - Contrast module source options - Interact with module inputs and outputs - Describe variable scope within modules/child modules - Discover modules from the public Terraform Module Registry - Defining module version
Navigate Terraform workflow	<ul style="list-style-type: none"> - Describe Terraform workflow (Write -> Plan -> Create) - Initialize a Terraform working directory (terraform init) - Validate a Terraform configuration (terraform validate) - Generate and review an execution plan for Terraform (terraform plan) - Execute changes to infrastructure with Terraform (terraform apply) - Destroy Terraform managed infrastructure (terraform destroy)
Implement and maintain state	<ul style="list-style-type: none"> - Describe default local backend - Outline state locking - Handle backend authentication methods - Describe remote state storage mechanisms and supported standard backends - Describe effect of Terraform refresh on state - Describe backend block in configuration and best practices for partial configurations - Understand secret management in state files

Section	Objectives
Read, generate, and modify configuration	<ul style="list-style-type: none"> - Demonstrate use of variables and outputs - Describe secure secret injection best practice - Understand the use of collection and structural types - Create and differentiate resource and data configuration - Use resource addressing and resource parameters to connect resources together - Use Terraform built-in functions to write configuration - Configure resource using a dynamic block - Describe built-in dependency management (order of execution based)
Understand Terraform Cloud and Enterprise capabilities	<ul style="list-style-type: none"> - Describe the benefits of Sentinel, registry, and workspaces - Differentiate OSS and TFE workspaces - Summarize features of Terraform Cloud

HashiCorp Terraform Associate Sample Questions:

Question: 1

You have defined the values for your variables in the file terraform.tfvars, and saved it in the same directory as your Terraform configuration.

Which of the following commands will use those values when creating an execution plan?

- a) terraform plan
- b) terraform plan -var-file=terraform.tfvars
- c) All of the above
- d) None of the above

Answer: c

Question: 2

What happens when you apply Terraform configuration?

Choose TWO correct answers.

- a) Terraform makes any infrastructure changes defined in your configuration.
- b) Terraform gets the plugins that the configuration requires.
- c) Terraform updates the state file with any configuration changes it made.
- d) Terraform corrects formatting errors in your configuration.
- e) Terraform destroys and recreates all your infrastructure from scratch.

Answer: a, c

Question: 3

Which of the following Terraform commands will automatically refresh the state unless supplied with additional flags or arguments?

Choose TWO correct answers.

- a) terraform plan
- b) terraform state
- c) terraform apply
- d) terraform validate
- e) terraform output

Answer: a, c

Question: 4

A provider alias is used for what purpose in a Terraform configuration file?

- a) alias isn't used with providers, they are used with provisioners
- b) to signify what cloud-based region to deploy resources
- c) to use as shorthand for resources to be deployed with the referenced provider
- d) using the same provider with different configurations for different resources

Answer: d

Question: 5

When running a terraform plan, how can you save the plan so it can be applied at a later time?

- a) you cannot save a plan
- b) use the -file parameter
- c) use the -save parameter
- d) use the -out parameter

Answer: d

Question: 6

During a terraform apply, a resource is successfully created but eventually fails during provisioning. What happens to the resource?

- a) Terraform attempts to provision the resource up to three times before exiting with an error
- b) it is automatically deleted
- c) the terraform plan is rolled back and all provisioned resources are removed
- d) the resource is marked as tainted

Answer: d

Question: 7

Consider the following Terraform 0.12 configuration snippet:

```
variable "vpc_cidrs" {  
  
  type = map  
  
  default = {  
  
    us-east-1 = "10.0.0.0/16"  
  
    us-east-2 = "10.1.0.0/16"  
  
    us-west-1 = "10.2.0.0/16"  
  
    us-west-2 = "10.3.0.0/16"  
  
  }  
  
}  
  
resource "aws_vpc" "shared" {  
  
  cidr_block = _____  
  
}
```

How would you define the `cidr_block` for `us-east-1` in the `aws_vpc` resource using a variable?

- a) `var.vpc_cidrs["us-east-1"]`
- b) `var.vpc_cidrs.0`
- c) `vpc_cidrs["us-east-1"]`
- d) `var.vpc_cidrs[0]`

Answer: a

Question: 8

Which of the following represents a feature of Terraform Cloud that is NOT free to customers?

- a) VCS integration
- b) team management and governance
- c) private module registry
- d) workspace management

Answer: b

Question: 9

Published modules via the Terraform Registry provide which of the following benefits?

(select four)

- a) support versioning
- b) automatically generated documentation
- c) allow browsing version histories
- d) support from any code repo
- e) show examples and READMEs

Answer: a, b, c, e

Question: 10

Infrastructure as Code (IaC) provides many benefits to help organizations deploy application infrastructure much faster than clicking around in the console. What are additional benefits to IaC?

(select three)

- a) allows infrastructure to be versioned
- b) creates a blueprint of your data center
- c) code can easily be shared and reused
- d) can always be used to deploy the latest features and services
- e) eliminates parallelism

Answer: a, b, c

Study Guide to Crack HashiCorp Infrastructure Automation Terraform Associate Exam:

- Getting details of the Terraform Associate 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 Terraform Associate 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 Terraform Associate 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 Terraform Associate 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 Terraform Associate practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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