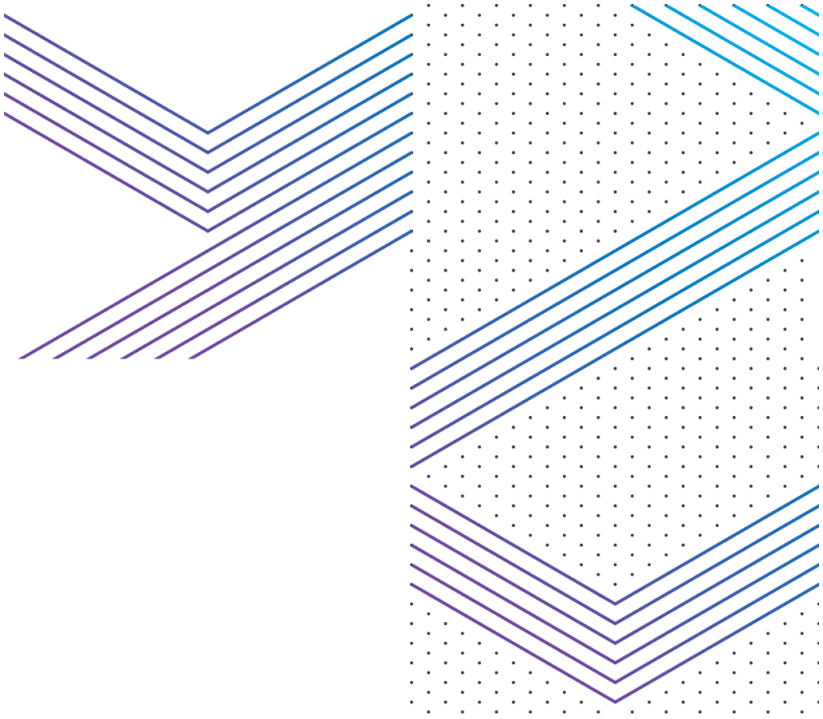

HashiCorp Certified: Terraform Associate (002)

Credential validity and objective overview

HashiCorp

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Credentials (badge and certificate) are valid until their stated expiration date

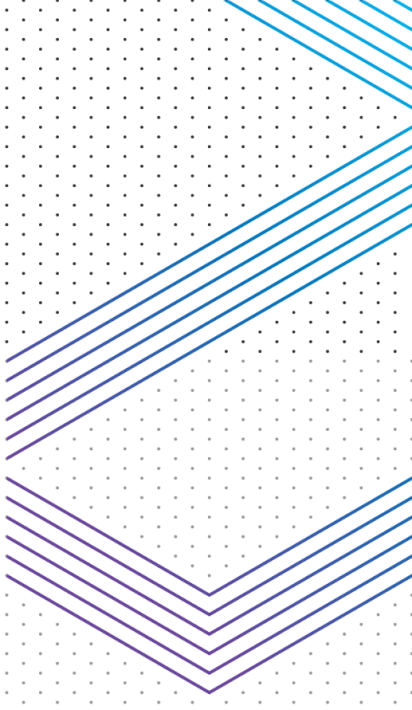
The HashiCorp Certified: Terraform Associate 002 exam version was retired in May 2023. However, the credentials associated with this exam are still a valid indication of one's certification status until their expiration date.

Terraform Associate 002 exam objectives

#	Objective description
1	**Understand infrastructure as code (IaC) concepts**
1a	Explain what IaC is
1b	Describe advantages of IaC patterns
2	**Understand Terraform's purpose (vs other IaC)**
2a	Explain multi-cloud and provider-agnostic benefits
2b	Explain the benefits of state
3	**Understand Terraform basics**
3a	Handle Terraform and provider installation and versioning
3b	Describe plugin-based architecture
3c	Demonstrate using multiple providers
3d	Describe how Terraform finds and fetches providers
3e	Explain when to use and not use provisioners and when to use `local-exec` or `remote-exec`
4	**Use the Terraform CLI (outside of core workflow)**

4a	Given a scenario: choose when to use `terraform fmt` to format code
4b	Given a scenario: choose when to use `terraform taint` to taint Terraform resources
4c	Given a scenario: choose when to use `terraform import` to import existing infrastructure into your Terraform state
4d	Given a scenario: choose when to use `terraform workspace` to create workspaces
4e	Given a scenario: choose when to use `terraform state` to view Terraform state
4f	Given a scenario: choose when to enable verbose logging and what the outcome/value is
5	**Interact with Terraform modules**
5a	Contrast module source options
5b	Interact with module inputs and outputs
5c	Describe variable scope within modules/child modules
5d	Discover modules from the public Terraform Module Registry
5e	Defining module version
6	**Navigate Terraform workflow**
6a	Describe Terraform workflow (Write → Plan → Create)
6b	Initialize a Terraform working directory (`terraform init`)
6c	Validate a Terraform configuration (`terraform validate`)
6d	Generate and review an execution plan for Terraform (`terraform plan`)
6e	Execute changes to infrastructure with Terraform (`terraform apply`)
6f	Destroy Terraform managed infrastructure (`terraform destroy`)
7	**Implement and maintain state**
7a	Describe default local backend
7b	Outline state locking
7c	Handle backend authentication methods
7d	Describe remote state storage mechanisms and supported standard backends

7e	Describe effect of Terraform refresh on state
7f	Describe `backend` block and cloud integration in configuration
7g	Understand secret management in state files
8	**Read, generate, and modify configuration**
8a	Demonstrate use of variables and outputs
8b	Describe secure secret injection best practice
8c	Understand the use of collection and structural types
8d	Create and differentiate `resource` and `data` configuration
8e	Use resource addressing and resource parameters to connect resources together
8f	Use Terraform built-in functions to write configuration
8g	Configure resource using a `dynamic` block
8h	Describe built-in dependency management (order of execution based)
9	**Understand Terraform Cloud and Enterprise capabilities**
9a	Describe the benefits of Sentinel, registry, and workspaces
9b	Differentiate OSS and TFE workspaces
9c	Summarize features of Terraform Cloud



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