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Terraform Online Test

The Terraform Online Test uses scenario-based MCQ questions to evaluate Terraform's core concepts and components. The test evaluates a candidate's ability to define infrastructure as code to create, deploy and scale Web Apps, Databases, Virtual Machines, Storage, Kubernetes clusters etc.

Covered skills:

- Terraform basics (Creating; Changing; Destroying resources)
- Using Terraform for multi-cloud deployments (AWS; Azure; GCP)
- Provision services using Terraform
- Writing Terraform configuration

🕐 **Test Duration**
25 mins

📏 **Difficulty Level**
Moderate

Questions
- 10 Terraform MCQs

Availability
Ready to use

- Terraform state management
- Create Terraform templates
- Deploying services (containers; PaaS; IaaS; ARM templates)
- DevOps for Terraform

Get started for free   Preview questions

About the Terraform Test

The Terraform Online Test is crafted to assist recruiters and hiring managers in identifying capable candidates from a sea of applicants, streamlining the hiring process with objective decision-making. This test reduces the burden of interviewing numerous candidates, saving valuable time by filtering out those who lack the necessary skills right from the start.

1200+ customers in 80 countries

Use Adaface tests trusted by recruitment teams globally. Adaface skill assessments measure on-the-job skills of candidates, providing employers with an accurate tool for screening potential hires.

customers in 75 countries

This test is designed to evaluate a candidate's abilities in a number of Terraform skills. The test will assess candidates on Terraform basics (Creating; Changing; Destroying resources), Using Terraform for multi-cloud deployments (AWS; Azure; GCP), Provision services using Terraform, Writing Terraform configuration, Parameterising configuration, Terraform state management, Create Terraform templates, Deploying services (containers; PaaS; IaaS; ARM templates), DevOps for Terraform.

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Preview questions

Non-googleable questions

We have a very high focus on the quality of questions that test for on-the-job skills. Every question is non-googleable and we have a very high bar for the level of subject matter experts we onboard to create these questions. We have crawlers to check if any of the questions are leaked online. If/ when a question gets leaked, we get an alert. We change the question for you & let you know.

How we design questions →

These are just a small sample from our library of 15,000+ questions. The actual questions on this Terraform Online Test will be non-googleable.

🧐 QUESTION	🔧 SKILL	💪 DIFFICULTY	⏳ TIME	
Dependencies and conditionals Resources Tags	**Terraform**	Medium	3 mins	**Solve**
Instance Security Group AWS Resources	**Terraform**	Easy	2 mins	**Solve**
Resource Attributes Resource Dependencies Resource Attributes Infrastructure As Code Aws Configuration	**Terraform**	Medium	3 mins	**Solve**

😐 QUESTION	🔧 SKILL	💪 DIFFICULTY	⏳ TIME	
⌄ **Resource Lifecycle and Provisioners**	**Terraform**	Medium	2 mins	**Solve**
Resource Lifecycle				
Provisioners				

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Brandon

love bonito

With Adaface, we were able to optimise our initial screening process by upwards of 75%, freeing up precious time for both hiring managers and our talent acquisition team alike!

Brandon Lee, Head of People, Love, Bonito

Why you should use Pre-employment Terraform Online Test?

The Terraform Online Test offers a practical approach to assessing a candidate's real-world abilities with Terraform. Unlike tests that focus solely on theoretical knowledge, this test simulates on-the-job scenarios, providing insights into how well a candidate can apply Terraform concepts to solve actual infrastructure challenges.

This test evaluates a range of Terraform abilities relevant to junior to intermediate candidates. It gauges their understanding of Terraform basics, like creating, modifying, and deleting infrastructure resources. It also assesses their capacity to write Terraform configurations, parameterize them for reuse, and manage Terraform state. Furthermore, the test checks their familiarity with provisioning services, using Terraform for multi-cloud deployments (AWS, Azure, GCP), and deploying services within containerized, PaaS, and IaaS environments.

After a candidate completes the test, you'll receive a detailed report. This report includes a breakdown of their skills, scores on the different types of questions and benchmarks that help you identify and shortlist the most promising candidates from your applicant pool.

What topics are covered in the Terraform Online Test?

This test gauges a candidate's capability with **Terraform basics**, including resource creation, modification, and deletion. The ability to manipulate infrastructure as code is a must-have.

Furthermore, the assessment examines their practical experience in **using Terraform for multi-cloud deployments (AWS; Azure; GCP)**, along with **provisioning services** across these platforms. Testing this skill validates a candidate's ability to orchestrate resources across different cloud providers.

Candidates are evaluated on their skill in **writing Terraform configuration** and **parameterizing configuration**, allowing for adaptable and reusable infrastructure definitions. The test also checks proficiency in **Terraform state management**, an important aspect of collaboration and infrastructure integrity.

The assessment measures the ability to **create Terraform templates** and knowledge of **deploying services (containers; PaaS; IaaS; ARM templates)**. A candidate's understanding of the software delivery lifecycle is evaluated with **DevOps for Terraform**, measuring their capacity to integrate infrastructure as code into broader automation workflows.

Full list of covered topics

The actual topics of the questions in the final test will depend on your job description and requirements. However, here's a list of topics you can expect the questions for Terraform Online Test to be based on.

Terraform Syntax   Terraform Commands   Terraform Variables

Terraform Data Sources   Terraform Providers   Terraform Modules

Terraform Outputs   Terraform Remote State   Terraform Workspaces

Terraform State Locking   Terraform Resource Dependencies

Terraform Conditional Expressions   Terraform Loops   Terraform Functions

Terraform Plan   Terraform Apply   Terraform Destroy   AWS Terraform Resources

Azure Terraform Resources   GCP Terraform Resources

Terraform Backend Configuration   Terraform Templat⬆ndering

Terraform Dynamic Blocks   Terraform Provider Configuration

Terraform Local-Exec Provisioner   Terraform Null_resource

Terraform Count And For_each   Terraform Input Variables   Terraform Output Variables

Terraform Remote-Exec Provisioner   Terraform File Provisioner   Terraform Local State

Terraform Remote State Backend   Terraform State Migration

Terraform State Encryption   Terraform State Versioning   Terraform State Import

Terraform State Locking   Terraform Initialization   Terraform Plan   Terraform Apply

Terraform Destroy   Terraform Module Registry   Terraform Module Sources

Docker With Terraform   Kubernetes With Terraform   PaaS Deployment With Terraform

IaaS Deployment With Terraform   ARM Template Deployment With Terraform

Terraform Cloud And Remote Operations   CI/CD Pipelines With Terraform

Terraform Linting And Formatting   Infrastructure As Code (IaC) Concepts

Terraform Security Best Practices   Terraform Configuration Management

Terraform Troubleshooting And Debugging   Terraform Version Control

Terraform Infrastructure Design   Testing Terraform Configurations

Terraform Scalability And Performance Optimization   Terraform Monitoring And Logging

Terraform Backup And Recovery   Terraform Disaster Recovery

What roles can I use the Terraform Online Test for? ⌃

- Terraform Developer
- AWS Terraform Engineer
- Azure Terraform Engineer
- Cloud Engineer (Terraform)
- Cloud Infrastructure Engineer
- DevOps Engineer (Terraform)

- Senior DevOps Engineer

How is the Terraform Online Test customized for senior candidates? ⌃

For senior candidates, the Terraform Online Test shifts its focus to more complex and in-depth aspects of infrastructure-as-code. Questions are crafted to explore experience with advanced Terraform modules, complex state management strategies in team environments, and ability to design and implement solutions for high-availability and disaster recovery.

The questions probe their capacity to architect multi-cloud solutions using Terraform, including network design, security considerations, and cost optimization. It also evaluates their knowledge of DevOps practices around Terraform, such as CI/CD pipeline integration, automated testing of infrastructure code, and collaboration strategies. Candidates are also evaluated on their ability to troubleshoot intricate infrastructure issues, optimize existing Terraform deployments for performance and scalability, and implement security best practices to ensure the protection of sensitive data and resources.

Preview this test   View sample scorecard

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Screen candidates in 3 easy steps

⌄ **Pick a test from over 500+ tests**

The Adaface test library features 500+ tests to enable you to test candidates on all popular skills- everything from programming languages, software frameworks, devops, logical reasoning, abstract reasoning, critical thinking, fluid intelligence, content marketing, talent acquisition, customer service, accounting, product management, sales and more.

› **Invite your candidates with 2-clicks**

> **Make informed hiring decisions**

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Preview questions

Have questions about the Terraform Hiring Test?

+ **What is Terraform Online Test?**

+ **Can I combine Terraform test with AWS questions?**

+ **How are senior candidates evaluated in this test?**

+ **How to use Terraform Online Test in my hiring process?**

+ **Do you have any anti-cheating or proctoring features in place?**

+ **How do I interpret test scores?**

+ **What experience level can I use this test for?**

+ **Does every candidate get the same questions?**

+ **I'm a candidate. Can I try a practice test?**

+ **Can I test Terraform and DevOps skills together in a test?**

+ **What are the main DevOps tests?**

+ **Can I combine multiple skills into one custom assessment?**
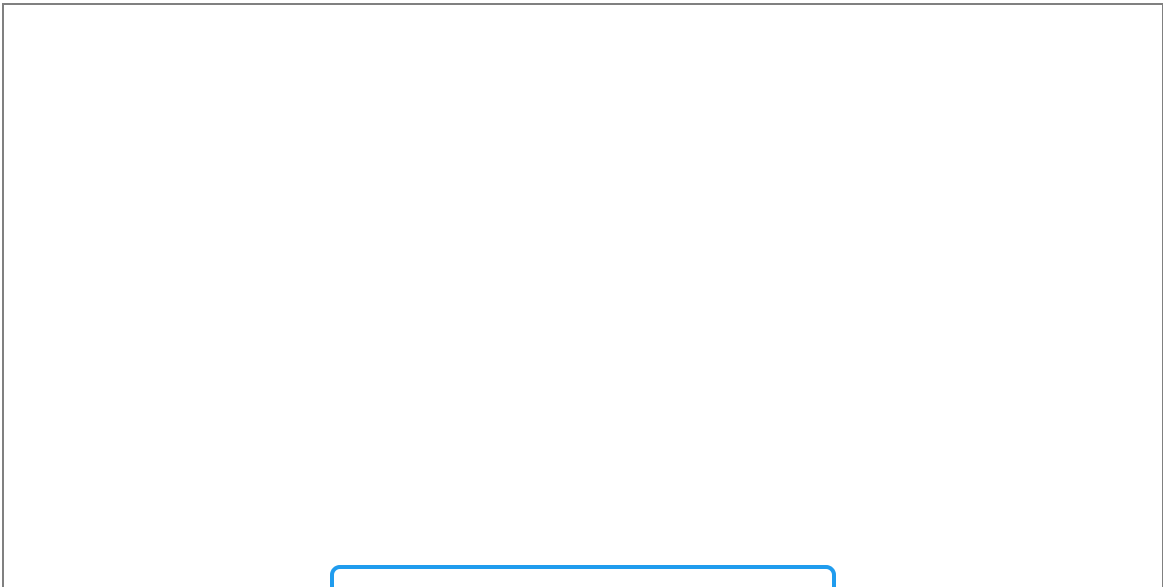
+ **What is the cost of using this test?**

+ **Can I get a free trial?**

+ **I just moved to a paid plan. How can I request a custom assessment?**

View sample scorecard

Along with scorecards that report the performance of the candidate in detail, you also receive a comparative analysis against the company average and industry standards.

See related tests

Ansible & Jenkins Online Test

Ready-to-use

40 mins

- 4 Ansible MCQs
- 4 Jenkins MCQs
- 4 DevOps MCQs

...

View details

DevOps Online Test

Ready-to-use

45 mins

- 3 Git MCQs
- 4 Docker MCQs
- 4 Linux MCQs

...

View details

Cloud C

~ 40 min

- 10 Cl
- 5 Linu

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