

# Terraform Intermediate - Summer 2025

In-person course | keyIT Vernier | July 7-10, 2025

**keyIT**  
Training Hub

Terraform is one of today's most in-demand tools for modern IT environments:

- Ranked among the Top 10 Tech Skills 2024 by Pluralsight / A Cloud Guru
- Highlighted in Dice 2025 as a skill that significantly increases compensation at AWS
- According to the HashiCorp × Forrester "State of Cloud Strategy 2024" report: 73% of enterprises say skill gaps in Infrastructure-as-Code are slowing their cloud projects

**Mastering Terraform and Infrastructure-as-Code (IaC) is now a strategic capability for IT, DevOps, and cloud teams.**

 **Dates:** July 7-10, 2025

 **Location:** keyIT offices, Vernier (Switzerland)

 **Duration:** 4 full days

## Training objectives

- Master Terraform for production use
- Learn best practices for Infrastructure-as-Code
- Prepare for the official Terraform Associate certification
- Deepen your skills with hands-on, progressive labs
- Gain the ability to deploy and manage automated cloud infrastructure

## Prerequisites:

- Systems and network knowledge
- Basic Git / VSCode skills
- Familiarity with cloud platforms (Azure recommended for labs)

## Who should attend

- IT administrators / system engineers
- DevOps / Cloud professionals
- Multi-cloud architects
- IT teams adopting Terraform as an automation standard

## Format and structure

- Duration: 4 days (July 7-10, 2025)
- Location: keyIT offices, Vernier (Switzerland)
- Language: French (course delivery)
- Approach: 50% theory / 50% practice (progressive labs and exercises)
- Equipment: Participants bring their own laptops; lab environments provided

## Detailed program

### **Day 1 - Introduction to Terraform & Infrastructure-as-Code**

- Terraform background and key concepts
- Why use Terraform? How does it work?
- Terraform workflow and available editions
- Installation and documentation structure

### **Day 2 - Core Terraform configuration**

- Creating your first configuration file
- Providers and resource types
- Managing dependencies and workflows
- State file, remote backends
- Variables, expressions, and outputs
- Useful commands (fmt, validate, etc.)

### **Day 3 - Advanced features**

- Local and data resources
- Meta-arguments: count, for\_each
- Built-in functions
- Secrets management
- Reusable modules

### **Day 4 - Terraform in production environments**

- Resource graph and dependency management
- Introduction to **HCP Terraform**
- Managing workspaces and multiple environments
- Tips for the **Terraform Associate** certification
- Advanced practical labs

## ★ Why choose keyIT's training?

- Small group in-person training at keyIT
- Expert instructors with real-world experience
- Focused on production readiness and certification
- Progressive and practical lab work
- Post-training support (questions, certification advice)

## How to register

Book your seat (limited places available) [here](#) now.

[Schedule a call with a keyIT expert](#) if you have technical or training-related questions.