

Terraform Foundations

Varighed: 3 Days Kursus Kode: 8H500G Leveringsmetode: Virtuel deltagelse

Beskrivelse:

The course introduces the principles and benefits of IaC and guides learners through the fundamentals of using Terraform to automate infrastructure management across various cloud platforms.

This course will cover the following topics :

- Introduction to Infrastructure as Code (IaC)
- Terraform Basics
- Terraform Resources and Providers
- Variables and Outputs
- State Management
- Modules and Workspaces
- Terraform Workflows
- Best Practices and Hands-On Labs

Updated April 2026

Virtuel deltagelse

Et V&C Select kursus indholder nøjagtig det samme som et almindeligt kursus. Før kursusstart modtager man kursusmaterialet. Dernæst logger man på kurset via internettet og ser via sin pc den selvsamme præsentation som de øvrige deltagere, man kommunikerer via chat med underviseren og de øvrige deltagere på kurset. Denne uddannelsesmodel er både tids-og omkostningsbesparende og kan være et oplagt alternativ til almindelig klasseundervisning, hvis man f.eks. har et begrænset rejsebudget.

Målgruppe:

- IT Infrastructure Engineers
- DevOps Engineers
- Cloud Architects
- Site Reliability Engineers (SREs)
- IT Managers
- Consultants

Agenda:

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| <ul style="list-style-type: none">■ After this course participants should be able to:■ Understand the principles and benefits of Infrastructure as Code (IaC)■ Install and configure Terraform.■ Write and interpret Terraform configuration files. (.tf)■ Define and manage infrastructure resources using providers. | <ul style="list-style-type: none">■ Implement dynamic configuration with variables and extract output values.■ Manage Terraform code with modules and manage multiple environments using workspaces.■ Automate Terraform execution and integrate with CI/CD pipelines.■ Adopt best practices for designing, securing, and sharing Terraform configurations. |
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Forudsætninger:

Participants should have notions of system and storage concepts.

Test og certificering

This course helps preparing Terraform Associate Certification

Yderligere Kurser:

■ 8H503G Advanced HCP Terraform

Indhold:

Day 1

- Introduction to Infrastructure as Code (IaC)
- Introduction to Terraform
- Command line client
- Language basics

Day 2

- Providers
- Cloud Authentication
- Modules and Workspaces
- Intermediate Language

Day 3

- Templates
 - Provisioners
 - Testing
 - Recommended Patterns
 - Best Practices
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Additional Information:

Official course book provided to participants

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

training@globalknowledge.dk

www.globalknowledge.com/da-dk/

Global Knowledge, Stamholmen 110, 2650 Hvidovre