

Boundary Enterprise IBM HashiCorp

Cursusduur: 3 Dagen Cursuscode: 8H504G Trainingsmethode: Virtual Learning

Beschrijving:

Boundary Enterprise is a comprehensive 3-day instructor-led course that teaches participants how to design, deploy, secure, operate, and scale HashiCorp Boundary Enterprise.

Through a combination of expert-led instruction and hands-on labs, attendees learn Zero Trust access principles, platform administration, credential management, Vault integration, observability, and enterprise-scale automation.

Designed for SREs, DevOps engineers, security teams, and platform operators, the course provides practical skills and proven best practices for implementing secure identity-based access across modern infrastructure.

Updated September 2026

Virtueel en Klassikaal™

Virtueel en Klassikaal™ is een eenvoudig leerconcept en biedt een flexibele oplossing voor het volgen van een klassikale training. Met Virtueel en Klassikaal™ kunt u zelf beslissen of u een klassikale training virtueel (vanuit huis of kantoor) of fysiek op locatie wilt volgen. De keuze is aan u! Cursisten die virtueel deelnemen aan de training ontvangen voor aanvang van de training alle benodigde informatie om de training te kunnen volgen.

Doelgroep:

This class is intended for the following participants:

- Site Reliability Engineers (SREs)
- DevOps Engineers
- Platform Engineers
- Cloud Engineers and Cloud Architects
- Systems Administrators
- Infrastructure Engineers
- Security Engineers

Doelstelling:

- **After completion of this course, learners will be able to:**
- Design, deploy, and operate HashiCorp Boundary Enterprise using proven enterprise architecture patterns and best practices.
- Configure secure access through authentication, identity provider integration, scopes, projects, and role-based access controls (RBAC).
- Manage targets, host catalogs, credentials, and connection workflows to deliver secure infrastructure access.
- Implement advanced security capabilities, including credential injection, credential brokering, dynamic secrets with Vault, and session monitoring.
- Monitor, scale, automate, and troubleshoot Boundary deployments to meet enterprise security, availability, and compliance requirements.

Vereiste kennis en vaardigheden:

Recommended Prerequisites

- Basic experience using a command-line interface (CLI) in Linux, macOS, or Windows.
- Foundational understanding of cloud and infrastructure concepts, including servers, networking, and environments.
- Familiarity with identity and access management concepts such as users, groups, authentication, and authorization.

Examens en certificering

- None

- Basic knowledge of Terraform and Infrastructure as Code (IaC).
- Understanding of security concepts such as least privilege and Zero Trust principles.

Nice-to-Have

- Experience with HashiCorp Vault.
- Experience administering cloud infrastructure (AWS, Azure, or GCP).
- Familiarity with RBAC, IAM, or PAM solutions.
- Experience with DevOps, platform engineering, or security operations practices.

Vervolgcurssussen:

- *None recommended*

Cursusinhoud:

Day 1: Foundations

- Boundary introduction, architecture, and core concepts
- Zero Trust security model and identity-based access
- Scopes, projects, roles, and access management
- Connection workflows (UI, CLI, API)
- Identity provider (IdP) integration
- Host discovery and resource management labs

Day 2: Deployment ; Administration

- Deploying and configuring Boundary Enterprise
- Platform architecture, HA, and disaster recovery
- Authentication, RBAC, users, groups, and projects
- Managing targets, host catalogs, and host sets
- Platform operations, monitoring, and observability
- Session recording and lifecycle management

Day 3: Advanced Operations ; Enterprise Features

- Credential management and credential brokering
- Credential injection and secretless access
- Vault integration for dynamic secrets
- Client agents and advanced connectivity workflows
- Multi-hop and transparent sessions
- Security hardening, compliance, and enterprise automation with Terraform

Extra informatie:

Official course book provided to participants

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

info@globalknowledge.nl

www.globalknowledge.com/nl-nl/

Iepenhoeve 5, 3438 MR Nieuwegein