DevOpsSchool

Course curriculum · November 2026

HASHICORP CERTIFIED - TERRAFORM, VAULT, CONSUL, NOMAD, VAGRANT, PACKER · TRAINING PROGRAM

HashiCorp PAM Training

A practical, hands-on HashiCorp PAM Training curriculum: 90 topics over 5 days. Learn live online in a small batch, as a private corporate batch, or self-paced with one year of LMS access.

LIVE ONLINE **Max 8-10 hours**	CORPORATE **Private team batch, on demand**	SELF-PACED VIDEO **1-year LMS access**
BATCH SIZE **Max 10 learners**	NEXT BATCHES **1st of every month · weekends: first Saturday**	CERTIFICATE **Verifiable certificate of completion**

INSIDE THIS CURRICULUM

Who should attend	Objectives, audience, prerequisites
Agenda	90 topics over 5 days
Formats and fees	Live, 1:1, self-paced, corporate
Trainer and reviews	Rajesh Kumar
Enrolment	Batches, payment, contacts

WHY DEVOPSSCHOOL

- Rated 4.6 on Google
- 1,500+ verifiable certificates issued in the public registry
- Trainer Rajesh Kumar: 20 years in industry
- Small batches: max 10 learners, every session recorded

Course page: www.devopsschool.com/courses/hashicorp/hashicorp-pam.html
Talk to us: WhatsApp +91 99057 40781 · +1 (469) 756-6329 · contact@DevOpsSchool.com · reply within 1 hour

COURSE FIT

Who this program is for

Use this page to decide whether HashiCorp PAM Training matches your role and experience.

1

Objectives

Understand the core concepts and usage model, apply practical workflows through examples and guided tasks, and prepare for implementation, certification or team adoption.

2

Who should attend

Developers, DevOps engineers, administrators, SREs, security engineers, platform teams, release teams, technical leads and corporate teams working with this topic.

3

Before you start

Basic computer literacy and awareness of software, operations, cloud, DevOps or security workflows is helpful. Deep programming experience is not needed unless the topic requires it.

AGENDA AT A GLANCE · 90 TOPICS OVER 5 DAYS

Day 1
21 topics · Fundamentals of HashiCorp PAM

Day 2
17 topics · Configuring HashiCorp Vault for PAM

Day 3
16 topics · Implementing HashiCorp Boundary

Day 4
16 topics · Advanced PAM Use Cases & Automation

Day 5
20 topics · Security, Best Practices & Enterprise Integration

AGENDA · 90 TOPICS OVER 5 DAYS

HashiCorp PAM Training agenda

Days are for corporate (day-wise) delivery; live online batches cover the agenda in max 8-10 hours.

DAY 1

21 topics

1. Fundamentals of HashiCorp PAM
2. Introduction to Modern PAM
3. Traditional PAM vs Modern PAM approaches
4. Zero Trust principles and Least Privilege Access
5. Overview of HashiCorp PAM Architecture (Boundary + Vault)
6. Key use cases: Cloud, Hybrid, and On-Prem environments
7. HashiCorp Vault Essentials
8. Vault architecture and components (Core, Storage, Seal/Unseal, Policies)
9. Types of secrets (Static vs Dynamic)
10. Authentication methods overview (Token, AppRole, Kubernetes, AWS IAM)
11. Vault deployment options (OSS, Enterprise, Cloud)
12. HashiCorp Boundary Essentials
13. Boundary architecture (Controllers, Workers, Targets)
14. Identity-based access vs network-based access
15. Session brokering and credential injection
16. Deployment models (OSS, Enterprise)
17. Hands-On Lab
18. Install and configure Vault in dev mode
19. Install Boundary and connect to a demo environment
20. Create simple static secrets in Vault
21. Create basic user and target in Boundary

DAY 2

17 topics

22. Configuring HashiCorp Vault for PAM
23. Vault Setup for Secure Secrets Management
24. Initializing and unsealing Vault securely
25. Configuring persistent storage backends
26. Creating and managing policies (HCL)
27. Enabling authentication methods (LDAP, Kubernetes, AWS IAM)
28. Setting up Audit devices for compliance
29. Dynamic Secrets & Credential Management
30. Configuring Vault database secret engine (PostgreSQL/MySQL)
31. Generating ephemeral SSH credentials
32. Secrets leasing, TTLs, and revocation
33. Integrating Vault with PKI for certificate issuance
34. HashiCorp Boundary Essentials

35. Deploy Vault in HA mode (using Consul or integrated storage)
36. Configure AppRole and AWS IAM Auth methods
37. Create dynamic database credentials
38. Configure SSH secrets engine for just-in-time SSH keys

DAY 3 — 16 topics

39. Implementing HashiCorp Boundary
40. Boundary Setup and Access Control
41. Installing and configuring Boundary controllers and workers
42. Configuring identity providers (OIDC, LDAP, SSO)
43. Defining scopes, roles, grants, and sessions
44. Creating targets (SSH, RDP, Kubernetes, Database)
45. Integrating Boundary with Vault
46. Enabling Vault credential injection
47. Setting up Boundary to use dynamic Vault credentials
48. Session logging and auditing
49. Implementing just-in-time access workflows
50. Hands-On Lab
51. Configure Boundary with OIDC (Okta/Azure AD)
52. Create roles, grants, and targets for SSH and RDP access
53. Integrate Boundary with Vault to inject dynamic database credentials
54. Record and review a full user session

DAY 4 — 16 topics

55. Advanced PAM Use Cases & Automation
56. Advanced Vault Use Cases
57. Using Vault as Encryption-as-a-Service (EaaS)
58. Vault Agent and Auto-Auth for applications
59. Using Vault for Kubernetes secret injection
60. Enterprise features (namespaces, replication, Sentinel policies)
61. Advanced Boundary Use Cases
62. Scaling Boundary with multiple workers
63. Boundary Enterprise features (Session Recording, RBAC enhancements)
64. Integrating Boundary with service discovery and Terraform
65. Designing multi-cloud PAM architecture
66. Hands-On Lab
67. Configure Vault Transit engine for data encryption
68. Deploy Vault + Boundary in Kubernetes
69. Automate Boundary target and role creation with Terraform
70. Record an SSH session with session replay

DAY 5 20 topics

71. Security, Best Practices & Enterprise Integration
72. Security Hardening
73. Vault hardening (Seal/Unseal strategies, Shamir keys, HSM)
74. Boundary hardening (Network segmentation, TLS, Worker security)
75. Rotating keys and secrets automatically
76. Implementing RBAC and policy-as-code
77. Enterprise PAM Integration
78. Integrating with SIEM and audit systems
79. Incident response with Vault and Boundary
80. Migrating from legacy PAM to HashiCorp PAM
81. Designing HA, DR, and multi-region PAM setups
82. Capstone Project
83. Design and implement a full PAM solution using Vault + Boundary
84. Secure SSH and database access with just-in-time credentials
85. Enforce identity-based access via SSO
86. Configure complete audit logging and session recording
87. Hands-On Lab
88. Build a production-grade HashiCorp PAM architecture
89. Test access workflows for admins, developers, and auditors
90. Simulate secret rotation and emergency access scenarios

HOW YOU CAN LEARN

Formats and fees

The same agenda in four formats. Fees are in Indian rupees as of November 2026; the course page shows them in your currency.

FORMAT	DURATION	WHAT YOU GET	FEE
Live & interactive (online)	Max 8-10 hours	Instructor-led public batch of max 10 learners with demos, labs, Q&A and assignment review. Weekday batches start on the 1st of every month, weekend batches on the first Saturday of every month.	**INR 34,999**
1:1 live training (online)	Max 8-10 hours, one-to-one	The same agenda, taught one-to-one by the trainer. Starts immediately, without waiting for the next batch; sessions planned around your working hours, at your pace.	**INR 99,999**
Self-paced video	1-year LMS access	This program plus 20+ more courses and 50+ tools, at your own pace.	**INR 833/month** billed yearly at INR 9,996
Corporate	Planned with your team	A private batch for your team, on demand, with examples mapped to your platforms.	**Quote on request**

ASSESSMENT AND CERTIFICATE

Your progress is checked through hands-on tasks and assignments. On completion you receive a DevOpsSchool certificate of completion with a unique credential ID that anyone can verify at devopsschool.com/certificates.

INCLUDED WITH EVERY LIVE BATCH

- Every live session is recorded and stays in your LMS for a year.
- Can't attend your batch? Move to next month's batch.
- Free demo class before you pay.
- Free 10-15 minute call with an advisor or the trainer to check the course fits you.

YOUR TRAINER

Learn from Rajesh Kumar

Principal Architect, trainer and mentor in DevOps, SRE, DevSecOps and platform engineering, with 20 years across 8+ software MNCs, including Staff DevOps/SRE Engineer for a leading Japanese mobile-payment platform and Principal DevOps Architect and Manager in Europe.

Profile: www.rajeshkumar.xyz · Videos: youtube.com/@TheDevOpsSchool

20 years in industry	**200+** corporate trainings
10,000+ engineers mentored	**70+** organisations coached

REVIEWS

What learners say

Rated 4.6 on Google · more reviews at devopsschool.com/testimonials and in our video testimonials.

> “Rajesh is very good trainer. Rajesh was able to resolve our queries and question effectively. We really liked the hands-on examples covered during this training program.”
>
> Indrayani, India

> “The training was very useful and interactive. Rajesh helped develop the confidence of all.”
>
> Abhinav Gupta, Pune

START YOUR TRAINING

Join the next batch

Weekday batches start on the 1st of every month and weekend batches on the first Saturday of every month, with max 10 learners each. 1:1 training can start immediately; corporate batches run on demand. We reply within 1 hour.

Pay by UPI, credit and debit cards, net banking or PayPal. Before you pay, read our refund policy. All courses: www.devopsschool.com/courses/

ENROL OR RESERVE A SEAT
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