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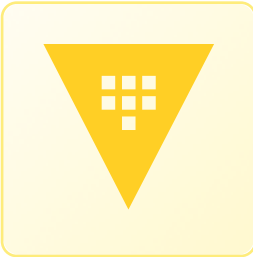
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Vault is an identity-based secret and encryption management system. This documentation covers the main concepts of Vault, what problems it can solve, and contains a quick start for using Vault.



API

Related HCP products



HCP Vault Dedicated



HCP Vault Secrets



HCP Vault Radar

Use Cases

Secrets Management

Centrally store, access, and deploy secrets across applications, systems, and infrastructure.

KV Secrets Engine

A generic Key-Value store used to store arbitrary secrets within the configured physical storage for Vault.

Database Credentials

Generate database credentials dynamically based on configured roles.

Kubernetes Secrets

Deploy Vault into Kubernetes using the official HashiCorp Vault Helm chart.

Encryption Services

Securely handle data such as social security numbers, credit card numbers, and other types of compliance-regulated information.

Transit Secrets Engine

Apply cryptographic functions on data in-transit. Sign and verify data, generate hashes and HMACs of data...

Transform Secrets Engine

Handle secure data transformation and tokenization against a provided input value using NIST vetted...

Tokenization

Exchange a sensitive value for an unrelated value called a token. The original sensitive value cannot be...

Key Management

Use a standardized workflow for distribution and lifecycle management of cryptographic keys in various KMS providers.

KMIP Secrets Engine

Act as a key management interoperability protocol server provider and handle the lifecycle of it...

Key Management Secrets Engine

A consistent workflow for distribution and lifecycle management of cryptographic keys in key...

PKI

Generate dynamic X.509 certificates without going through the manual process of generating a private key...

Developers



Developer Quick Start



Client Libraries



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