

# HashiCorp Vault

Manage Secrets and Protect Sensitive Data

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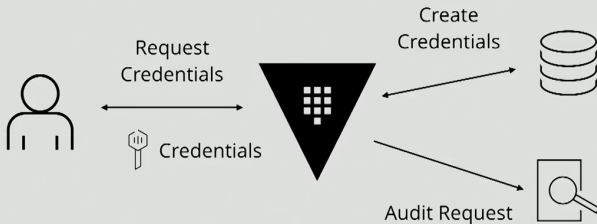
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# What is it?

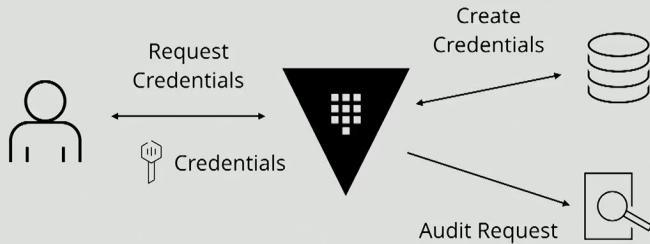
“Vault secures, store and tightly controls access to tokens, passwords, certificates, encryption keys for protecting secrets and other sensitive data using a UI, CLI, or HTTP API.”

# Dynamic Secrets

- ▶ Never provide “root” credentials to clients
- ▶ Provide limited access credentials based on role
- ▶ Generate **On Demand** when requested
- ▶ Audit trail can identify point of compromise



# Dynamic Secrets



# Take Home Message

Dynamic generation of unique credentials allows us to create a moving target for attackers and minimize the risk of exposing credentials.