

HashiCorp Vault Cheatsheet

Connection

**export VAULT_ADDR='https://
vault.example.com:8200'**
Set Vault server address

export VAULT_TOKEN='your-token'
Set Vault authentication token

vault login
Interactive login to Vault

vault login -method=github token=<github_token>
Login with GitHub auth method

**vault login -method=userpass username=user
password=pass**
Login with username/password

Key Management

vault secrets list
List available secrets engines

vault kv get secret/path
Read a secret from KV store

vault kv put secret/path key=value
Write a secret to KV store

vault kv delete secret/path
Delete a secret

vault kv metadata get secret/path
Get metadata for a secret

Policy Management

vault policy list
List policies

vault policy read policy-name
Read a policy

vault policy write policy-name policy-file.hcl
Create/update a policy

vault policy delete policy-name
Delete a policy

Auth Methods

vault auth list
List auth methods

vault auth enable method-name
Enable an auth method

vault auth disable method-name
Disable an auth method

vault write auth/method-name/config param=value
Configure auth method

Token Management

vault token create
Create a new token

vault token lookup
Look up token information

vault token renew
Renew token

vault token revoke token
Revoke a token

Secret Engines

vault secrets enable -path=path type
Enable a secrets engine

vault secrets disable path
Disable a secrets engine

vault secrets tune -default-lease-ttl=1h path
Tune secrets engine configuration

PKI Management

**vault write pki/root/generate/internal
common_name="example.com"**
Generate root CA

**vault write pki/roles/my-role
allowed_domains=example.com**
Create a PKI role

**vault write pki/issue/my-role
common_name=test.example.com**
Issue certificate

SSH Management

vault write ssh/creds/role-name ip=1.2.3.4
Generate SSH credentials

vault ssh -role=role-name user@1.2.3.4
SSH using Vault

Database Management

**vault write database/config/my-db
plugin_name=mysql**
Configure database connection

vault read database/creds/my-role
Generate database credentials