Configure and Use an Auth Method from the CLI

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Vault CLI Basics

```
$ vault -h

Usage: vault <command> [args]

Common commands:
    read        Read data and retrieves secrets
    write       Write data, configuration, and secrets
    delete      Delete secrets and configuration
    list        List data or secrets
    login       Authenticate locally
    agent       Start a Vault agent
    server      Start a Vault server
    status      Print seal and HA status
    unwrap      Unwrap a wrapped secret
```

Vault CLI Basics

```
$ vault path-help –h

Usage: vault path-help [options] PATH

  Retrieves API help for paths. All endpoints in Vault provide built-in help
  in markdown format. This includes system paths, secret engines, and auth
  methods.
```

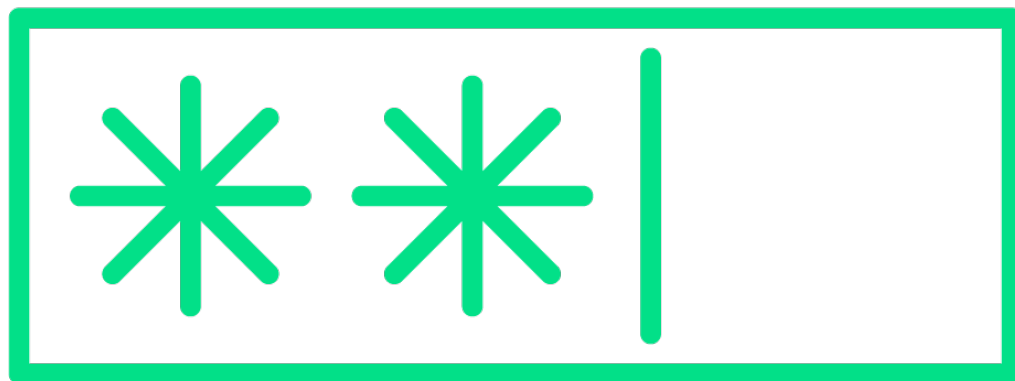# Environment Variables

```
# Vault Server Address

VAULT_ADDR="https://vault.yolo.local:8200"

# Vault Token

VAULT_TOKEN=hvs.NJI87YHJHY78UHJU87678UJHGY678
```

Userpass Method

Username and password

Stored locally in Vault

Break glass scenarios and development

Auth Commands

```
# List existing auth methods
vault auth list

# Enable an auth method
vault auth enable [options] TYPE
vault auth enable –path=admins userpass

# Tune an auth method
vault auth tune [options] PATH
vault auth tune –description="Admins only userpass" admins
```

Auth Commands

```
# Move an auth method
vault auth move [options] SOURCE DESTINATION
vault auth move "auth/admins" "auth/administrators"

# Disable an auth method
vault auth disable [options] PATH
vault auth disable administrators

# Get help on logging in
vault auth help [options] PATH
vault auth help administrators
```

Configuration Commands

```
# Configuring an auth method
vault read

vault write

vault list

vault delete

vault path-help
```

Login Command

```
# Log in with a token
vault login

# Log in with userpass
vault login –method=userpass –path=administrators username=ford
```