



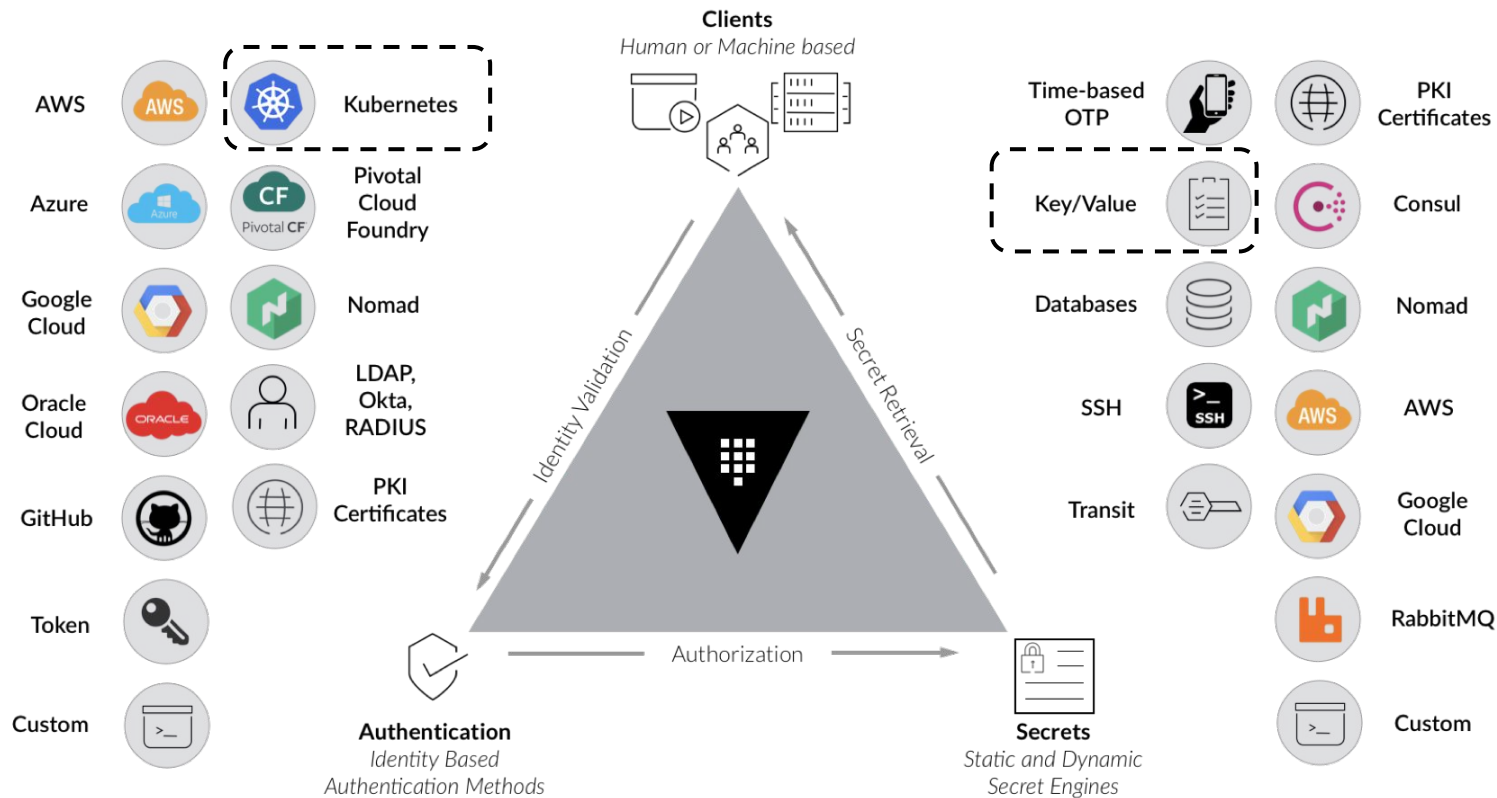
Nouvelle intégration de Vault avec Kubernetes

Vault

“Vault is a Secret Management solution with Identity based Access Control”

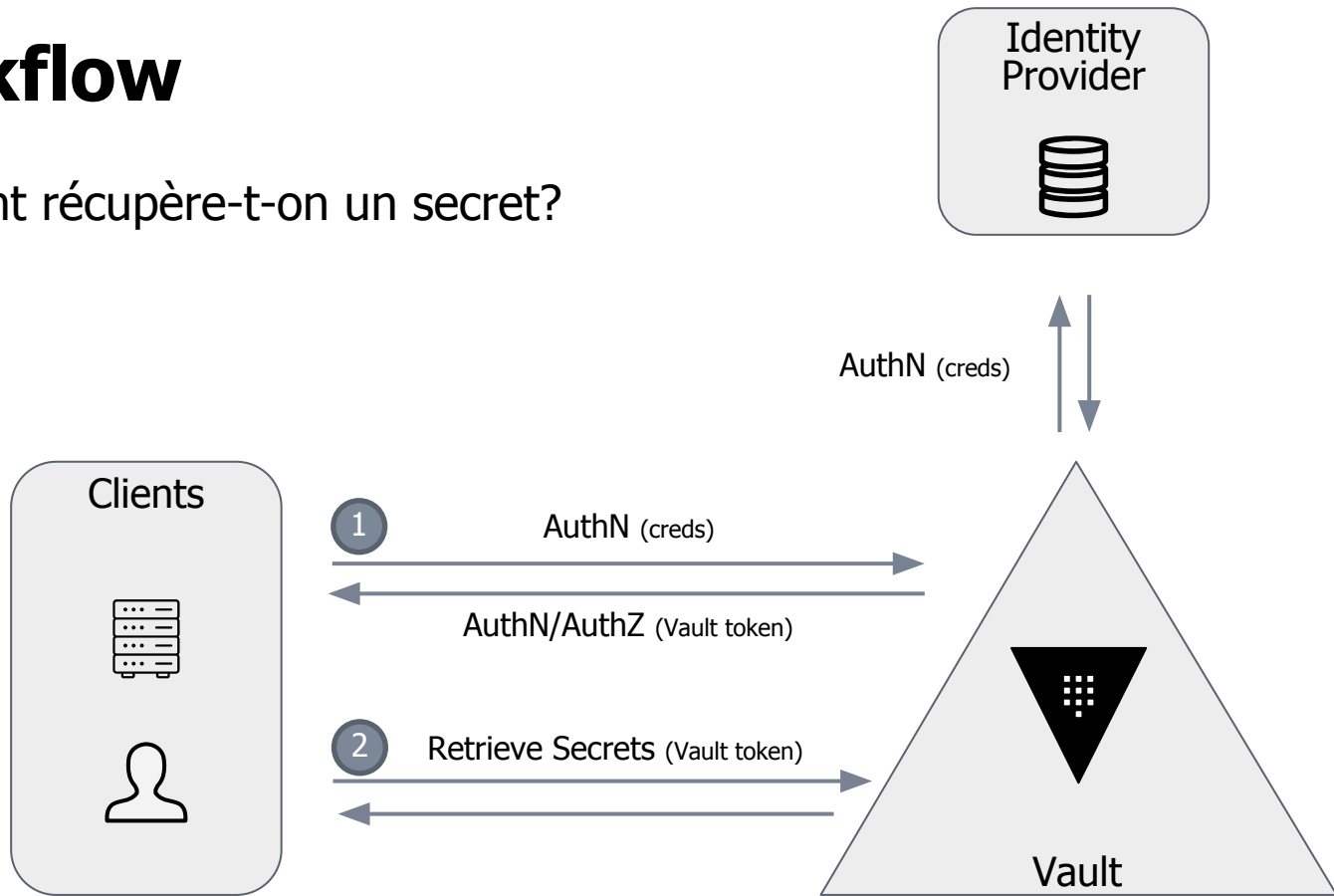


Vault overview



Workflow

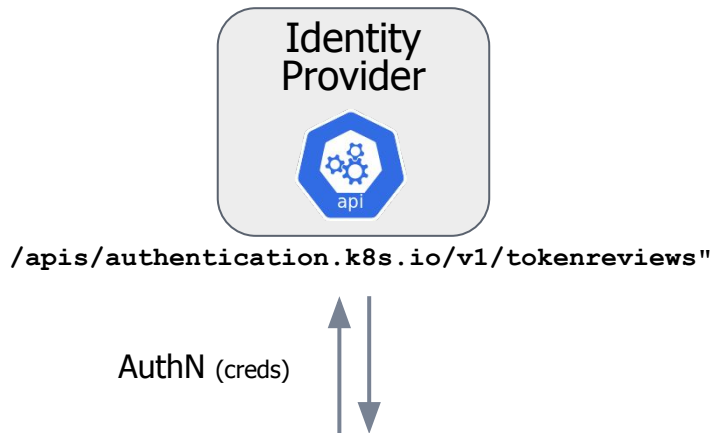
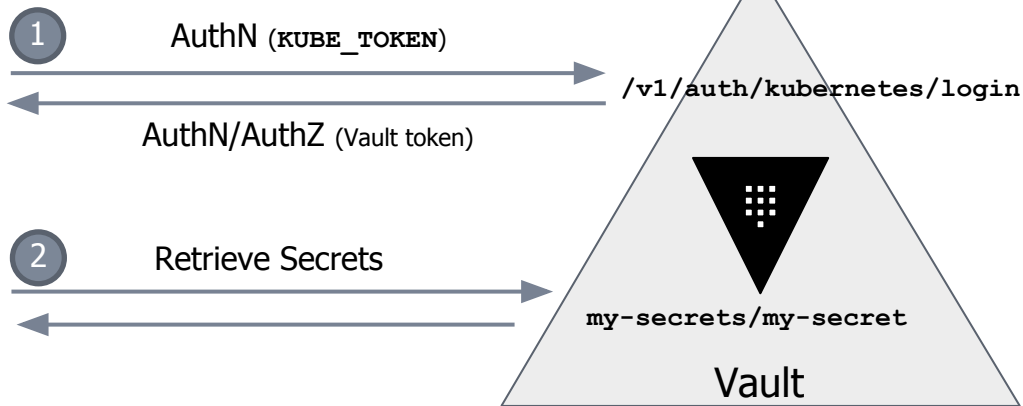
Comment récupère-t-on un secret?



Workflow



Comment récupère-t-on un secret?



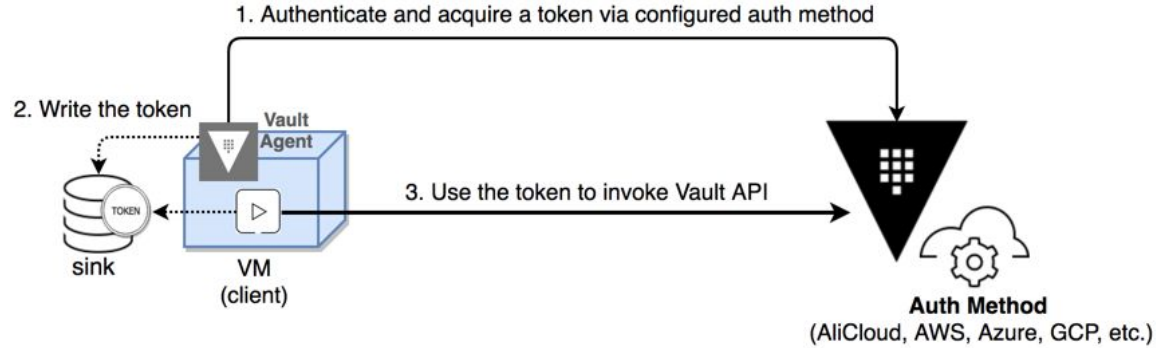
`/apis/authentication.k8s.io/v1/tokenreviews"`





Comment effectuer ces appels Vault depuis l'application?

Vault Agent



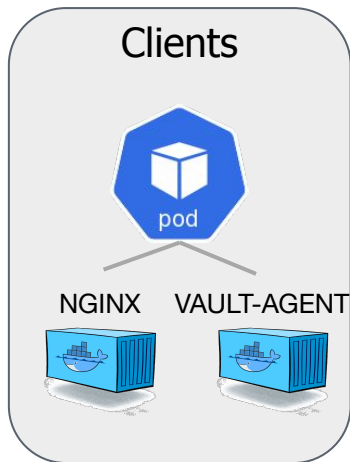
Vault Agent Use Cases

- **Auto-Auth**
- Caching
- **Templating**

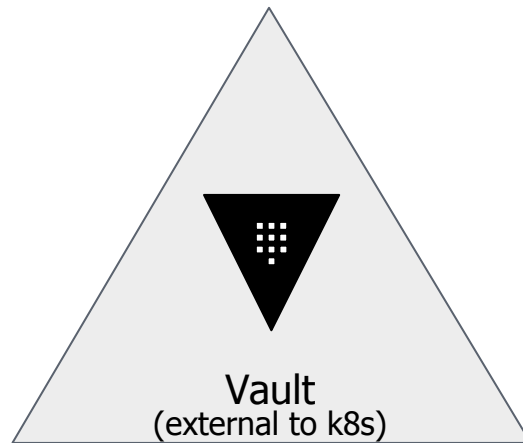
Comment déployer et configurer vault-agent?

Demo

Namespace kubernetes = **namespace-demo**



Namespace Vault = **namespace-demo**



Vault Enterprise : 1.3.2



A vous de jouer



<https://github.com/jeromebaude/vault-k8s-demo>



instruqt

<https://play.instruqt.com/hashicorp>

References



Injecting Vault Secrets Into Kubernetes Pods via a Sidecar

<https://www.hashicorp.com/blog/injecting-vault-secrets-into-kubernetes-pods-via-a-sidecar/>

Vault Agent

<https://www.vaultproject.io/docs/agent/>

Agent Sidecar Injector

<https://www.vaultproject.io/docs/platform/k8s/injector/>

Vault Agent with Kubernetes

<https://learn.hashicorp.com/vault/identity-access-management/vault-agent-k8s>

Kubernetes Auth Method (API)

<https://www.vaultproject.io/api-docs/auth/kubernetes/>