

Access Management Architecture for Vault Associate (003)

Client Access for Vault

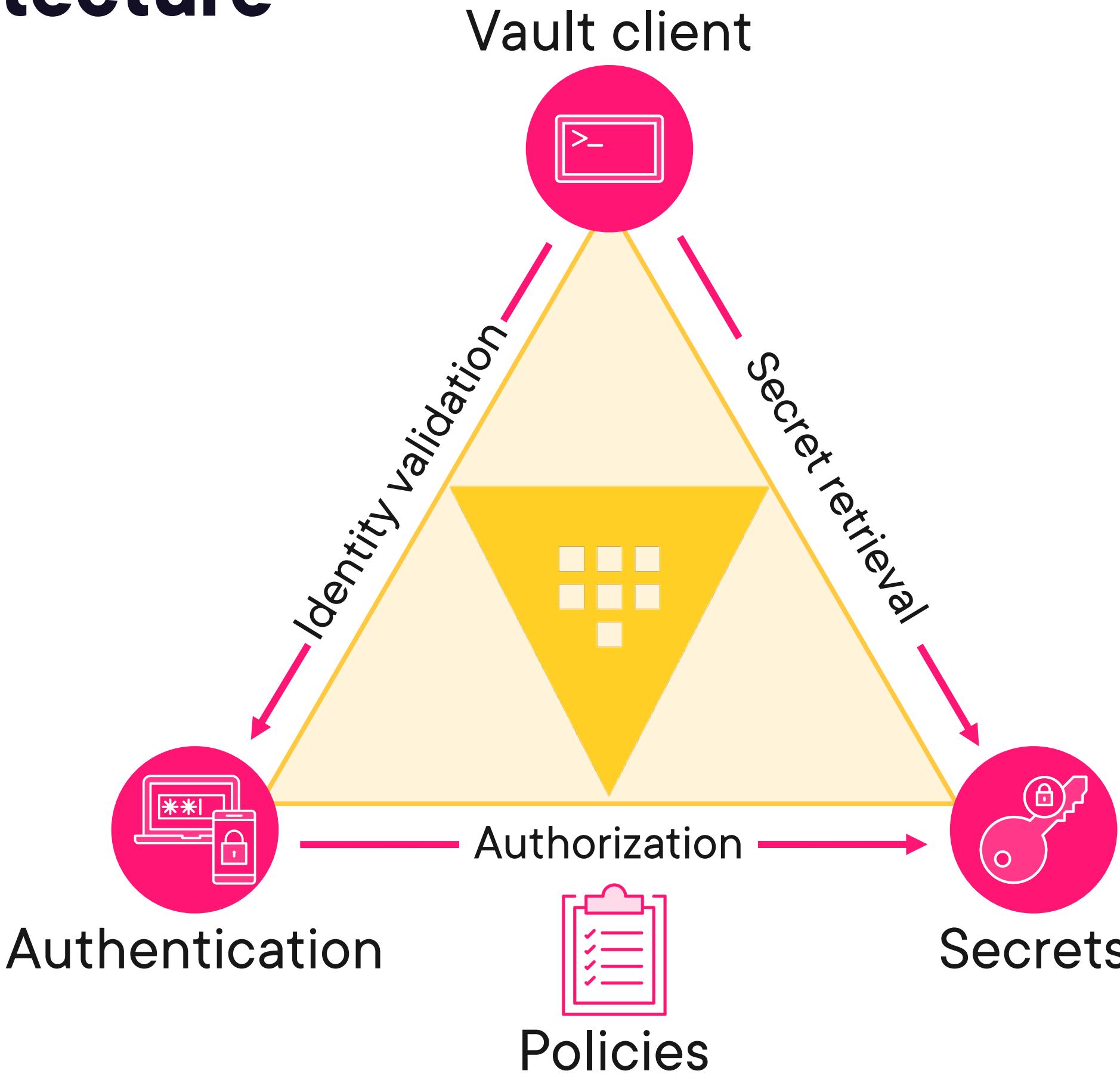


Ned Bellavance

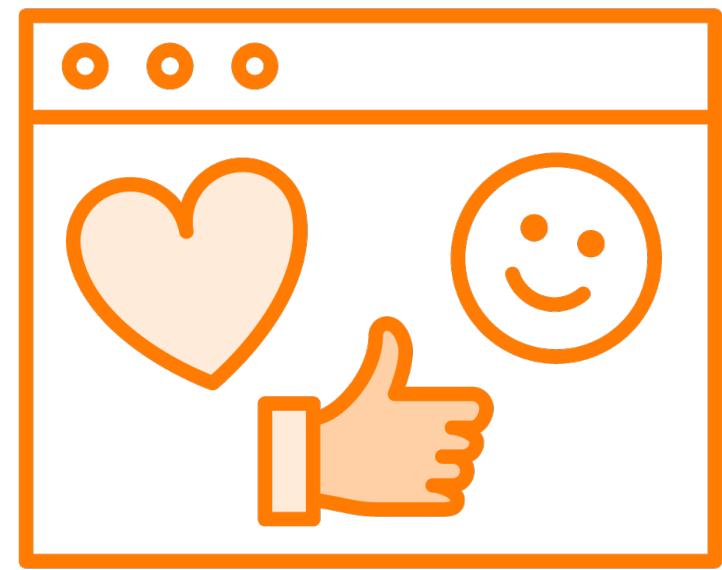
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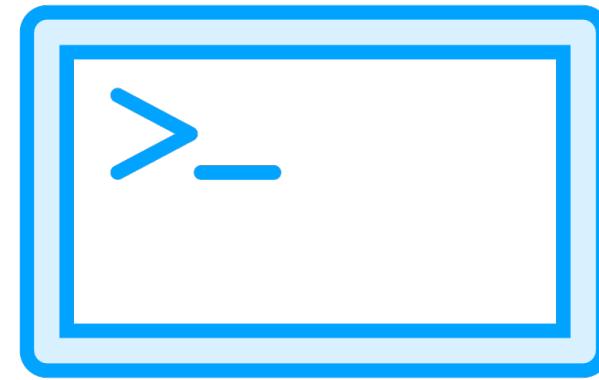
Vault Architecture



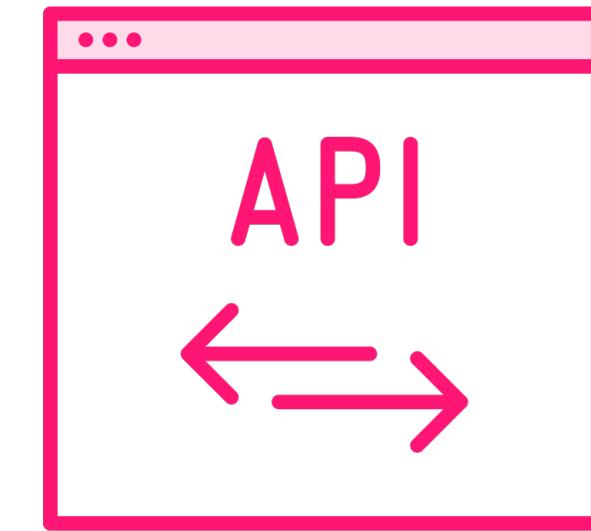
Client Access Options



UI



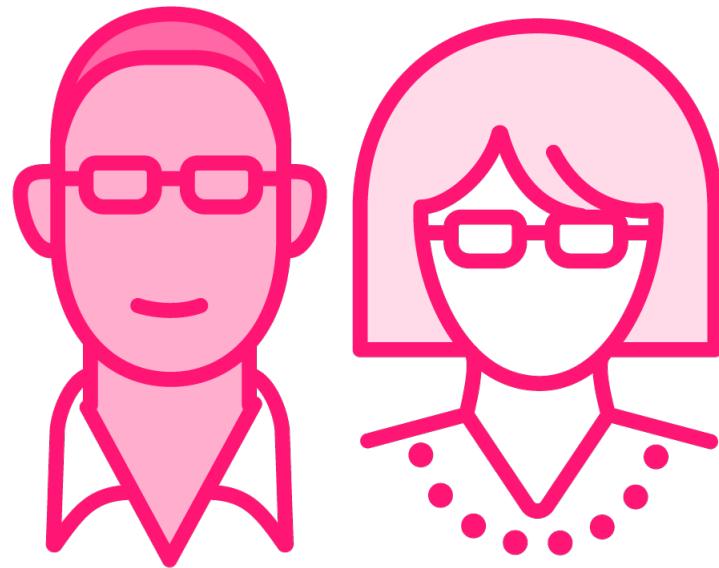
CLI



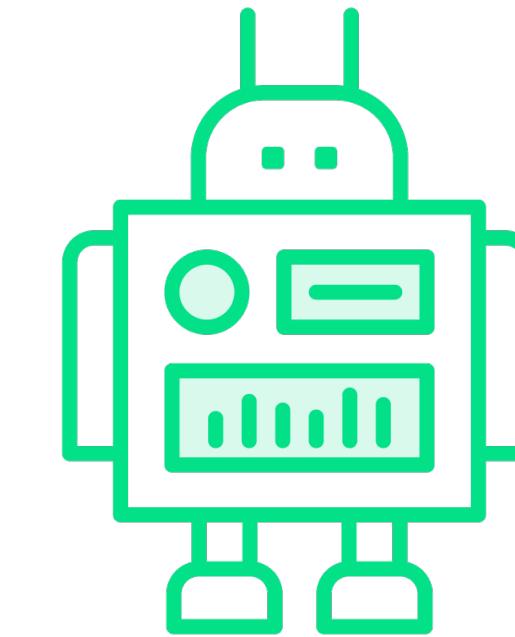
API



Humans vs. Machines



Humans
Interactive auth methods
All client modes



Machines
Automatic auth methods
Programmatic access





Application Integration



Native Integration



Add Vault to application code

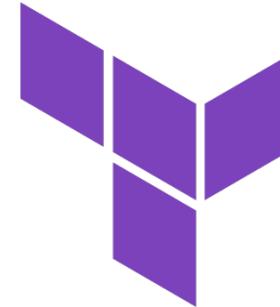
Public SDKs

- Python: HVAC
- Go: vaultgo
- C#: VaultSharp

Requires altering application



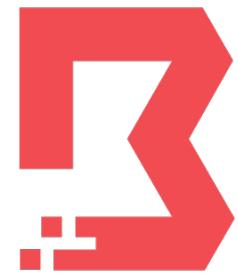
HashiCorp Integrations



Terraform – Vault provider



Nomad – Job specifications



Boundary – Credential store



Platform Integrations

GitHub Actions

Ansible

AWS Lambda

Kubernetes



Vault Agent

