

Vaults Architecture

Instances Overview

There are currently 3 instances that require access to configuraiton.

- 1. Vendor Instances (Web Applications for License Management, Portals etc.)
- 2. Vendor Services (Services consumed by Vendor Instances)
- 3. Provisioning (Onboarding) Instances
- 4. Provisioning Services (Services consumed by Provisioning)

All of the above will access their configuration through a vault. The access to the vault will be limited to their minimal needs and access token will be provided through application/service specific configurations (e.g. config file belonging to app/service.)

Naming Conventions to identity Instances

Instance	Name	Vault Config Type	Vault Path
Vendor Instances	Web applications for license management and portals	tlVendorInstance	secrets/tlVendorInstance/ namespace / instanceGUID
Vendor Services	Services consumed by vendor instances	tlVendorService	secrets/tlVendorService/ namespace / servicename
Provisioning Instances	Onboarding applications	tlProviInstance	secrets/tlProviInstance/ namespace /instance
Provisioning Services	Services consumed by provisioning	tlProviService	secrets/tlProviService/ namespace /service

- **namespace** is used to determine clusters (e.g.) or other distinctions of deployments targets.

Vault Services

Each vault service will receive individual configuration information containing:

- 1. Config Instance Type
- 2. Instance Name (e.g. GUID or LMLicensingService)
- 3. Vault Address
- 4. Vault Namespace
- 5. Vault Access Token

- The access contains the vault user name