

Vaults Architecture

Instances Overview

There are currently 3 instances that require access to configuration.

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 identify 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	tlProvInstance	secrets/tlProvInstance/ namespace/instance
Provisioning Services	Services consumed by provisioning	tlProvService	secrets/tlProvService/ namespace/service

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