K2CLOUD JANUARY 2025 RELEASE NOTES

Release Date: February 2, 2025, 11:00 UTC

K2cloud January 2025 has been released. This release brings enhancements to improve management and connectivity.

Summary of Key Benefits in This Release

- **Cross-Tenant Management**: Multi-tenant administration with the Cross-Tenant Admin feature.
- **Simplified K2cloud Space URLs**: Simplified TLS management and domain setup with the Path-Based Routing feature.
- **Support for Fabric v8.2.0**:
    - Azure Blob Storage authentication methods – Fabric now supports two additional authentication methods - Service Principal and Managed Identity.
    - Azure Postgres - Fabric now offers a managed PostgreSQL storage option on Microsoft Azure.
    - Support for Multiple Secret Manager Instances – Fabric now supports multiple instances of the same secret manager type.
    - Simplifying Interface Certificates settings – Fabric now offers a seamless way to set certificates for interfaces directly within the Interface Editor UI.

MAIN FEATURES AND IMPROVEMENTS

This release includes two notable K2cloud features and support for Fabric V8.2.0 capabilities:

K2CLOUD CROSS-TENANT MANAGEMENT

The new K2cloud Cross-Tenant Management feature enables privileged administrators to manage multiple segregated tenants within a multi-tenant SSO environment, offering a more seamless and efficient approach to multi-tenant administration.

Key Features:

- **Single Sign-On (SSO) for K2cloud Multi-Tenant Management**: Using K2cloud's Cloud Manager, Cross-Tenant Admins can seamlessly switch between enabled K2cloud tenants using a drop-down menu.
- **Eliminates the need for multiple accounts**: There's no need to manage tenant-specific accounts or manually share URLs.
- **Controlled Access with RBAC**: Only explicitly assigned Cross-Tenant Admins can access multiple tenants, ensuring strict security and compliance.

How to Enable?

Customers must contact their K2view representative to request activation for each Cross-Tenant Admin. Once enabled, admins can seamlessly switch SSO-enabled tenants from the Cloud Manager.

PATH-BASED ROUTING FOR FABRIC SPACES

We have introduced **Path-Based Routing** as a new option for accessing Fabric Spaces. It provides an alternative to subdomain-based URLs to access Fabric Spaces

Key Enhancements:

- **Flexible URL Access:** Spaces can now be accessed using **context-based paths** instead of requiring dedicated subdomains.
- **Simplified TLS Certificate Management**: Eliminates the need for wildcard TLS certificates per subdomain, allowing a single TLS certificate to cover all Spaces.
- **Reduced DNS Complexity:** Organizations no longer need to create and manage separate subdomains for each Space.
- **Seamless Transition**: Subdomain and context-based URLs can coexist, enabling a gradual migration

Example:

- **Subdomain-Based URL**:

    https://acmk2360ne-k2v.acm.domain.com/app/studio/

- **Context-Based URL**:

    https://acm.domain.com/acmk2360ne-k2v/app/studio/

This enhancement simplifies deployment and K2cloud Space URLs. Organizations can enable this feature during site creation via the Advanced Settings dialog of the Space profile.

SUPPORT FOR FABRIC V8.2.0

The K2cloud January 2025 release introduces support for Fabric v8.2.0. Please refer to its [release notes](#).

- **Azure Blob Storage authentication methods** – Fabric now supports two additional authentication methods - Service Principal and Managed Identity.
- **Azure Postgres** has been introduced as a managed PostgreSQL storage option on Microsoft Azure.
- **Support for Multiple Secret Manager Instances –** Fabric now supports multiple instances of the same secret manager. This feature is handy when different secret manager instances or services handle different environments, such as UAT and Production, while Fabric needs to connect to all. More information can be found in the [Secret Management Integration: Configuration](#) and [Secret Management Integration: Interface Editor](#) topics.
- **Simplifying Interface Certificates settings** – Fabric now offers a seamless way to set certificates for interfaces directly within the Interface Editor UI. Instead of relying on scripts to upload certificates to the *truststore* - a task typically handled by DevOps or IT teams - this setting can now be managed effortlessly through the UI. This improvement is particularly significant for cloud deployments, where server access for running scripts is limited or unavailable (like in a Managed SaaS deployment). This capability simplifies the deployment process further when handling several environments within a project. Fabric auto-associates the certificate to the correct environment's interface, as configured in the environment interfaces UI.