



FABRIC V8.2.12 RELEASE NOTES

These Release Notes describe the new features in Fabric release V8.2.12 and list bugs that have been fixed since the V8.2.11 release.

Certification of this Fabric release is based on:

- Cassandra version 4.1.8
- SQLite version 3.46.1
- OpenJDK Runtime Environment 21.0.3
- Confluent Kafka version 7.6
- Neo4j 5.25.1 — enterprise
- Elasticsearch — 8.5.3
- AWS OpenSearch — 2.17
- PostgreSQL 15.12

MAIN FEATURES AND IMPROVEMENTS

- Ticket #46545 – this update addresses critical limitations when deploying K2view in restricted network environments where direct access to external repositories such as GitHub is prohibited. It ensures that all components from initial deployment to Fabric container initialization can operate through an enterprise proxy.

Key Enhancements

- **Embedded Helm Charts for Restricted Egress:**
 - The k2cloud deployer (v1.8.20+) now defaults to using **embedded Helm charts** for fabric-space-generic.
 - **New Flag:** A new environment variable, USE_DEFAULT_HELM, has been introduced:
 - "false" (Default): Uses embedded charts to avoid external egress traffic.
 - "true": Reverts to pulling charts directly from the K2View GitHub Repository.
- **Clone via Proxy Support:**
 - Fabric now supports http_proxy / https_proxy and optionally no_proxy environment variables, enabling it to clone implementation code from GitHub through the designated proxy.
 - An upcoming update to K2cloud Orchestrator will enable setting these as environment variables.
- **JVM Proxy Configuration Fixes:**
 - Resolved defects in jvm.options where proxy configurations were missing required **"-D" prefixes** or used incorrect ports.
 - Added the ability to configure no_proxy settings for the JVM to prevent internal traffic from being routed through the proxy.



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- **Mandatory Action: Upgrade K2deployer**
 - To utilize these enhancements, users must upgrade to the latest version of the k2-cloud-deployer (version 1.8.20 or higher). Earlier versions of the deployer lack the logic to handle embedded Helm charts and the new proxy environment variables.
 - Deployer location: `docker.share.cloud.k2view.com/k2view/k2-cloud-deployer:1.8.20`