

Welcome to Usage Engine Private Edition 2 Documentation

Private Edition

Usage Engine is the latest generation of DigitalRoute usage data processing software. It is an enterprise-grade data processing platform, combining integration capabilities with class-leading data processing functionality to derive useful information and drive real-time decision-making for a large number of applications such as: billing, operations, revenue assurance, service assurance, entitlement enforcement, service control and business intelligence.

Usage Engine has been designed for a modern cloud-native architecture and associated operational model, focusing on the following areas:

- Cloud-native design, with a clear separation between application and infrastructure, elasticity, and automated Life Cycle Management
- Operational framework, using best of breed industry standards for non-core functions, using a plug-n-play approach
- CI/CD support, with package management for solutions and test framework for automated test suite execution
- Usability, with clearly defined user interfaces for different user personas

The documentation has been categorized according to how you work with Usage Engine:

- [Designer User\[hide\]2.0\[/hide\]](#)
- [Operator User\[hide\]2.0\[/hide\]](#)
- [Administrator\[hide\]2.0\[/hide\]](#)

In addition, information common to these roles is provided:

- [System Overview\[hide\]2.0\[/hide\]](#)
- [Command Line Interfaces\[hide\]2.0\[/hide\]](#)
- [System Information\[hide\]2.0\[/hide\]](#)
- [Terms and Acronyms\[hide\]2.0\[/hide\]](#)
- [Release Information](#)
- [AWS Deployment Description\[hide\]2.0\[/hide\]](#)

Start by selecting the version you want to view documentation for:

- [Usage Engine Documentation 2.0\[hide\]2.0\[/hide\]](#)
- [Usage Engine Documentation 2.1](#)
- [Usage Engine Documentation 2.2\[hide\]2.2\[/hide\]](#)

Latest Blog Posts



[Usage Engine Private Edition 2.3 Released!](#)

Jenni Wallin posted on Nov 25, 2022

This release focuses on Azure agents and profiles, SAP HANA as a Platform database, External References in Kubernetes, and extended db support for PCC and Distributed storage and includes: Helm Support for External References <https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Finfozone.digitalroute.com%2Fpages%2Fviewpage.action%3FpageId%3D116490684%26src%3Dcontextnavpagetreemode%23NewFeaturesandFunctionality%255Bhide%255D2....>



[Usage Engine Private Edition 2.1.3 Released!](#)

Jenni Wallin posted on Oct 04, 2022

This release contains: Upgrades of 3pps to remove 3 different vulnerabilities in Linux, snakeyaml, and Spring Fix for Index File Error in Aggregation agent Fix for Audit profile becoming invalid after import Please check out the Release Information here for more details: [Usage Engine 2.1.3 Release](#). The release can be accessed from InfoZone: [Release Information](#).



[Usage Engine Private Edition 2.2 Released!](#)

Jenni Wallin posted on Sep 28, 2022

This release focuses on extended DB support, access control, simplified delivery as well as rebranding. This version includes: Original Webservices Client Request Payload Available Extended Support for MySQL in DB Profile Support for Derby in DB Profile Access Control for ECDs Simplified Delivery among other things. Please check out the Release Information here for more details: [Usage Engine 2....](#)



Usage Engine Private Edition 2.1.2 Released!

Jenni Wallin posted on Sep 14, 2022

This release contains: Fix for workflow package handling Fixes for database operation handling Additional configuration possibilities for Web Desktop Fix to reduce restart times of pods Fix for timeout handling in Couchbase Aggregation service Fix for incorrect configuration attempts of disabled ECDs Fix for incorrect trigger of rolling upgrade for ECDs Please check out the Release Information here for more details: Usage Engine 2.1.2 Release <https://infozone.digitalroute.com>...



Usage Engine Private Edition 2.1.1 Released!

Jenni Wallin posted on Aug 19, 2022

This release contains: Fixes for permission issues in the web interface Fix for database connection pool handling Fix for problems with the APL functions udrDecode and udrEncode Fix for loglevel handling nginx and Golang upgrades to remove vulnerabilities Fix for display issues in Aggregation Inspector Fix for broken link to Kubernetes Dashboard Fix for incorrect session count in Aggregation Inspector Fix for broken auto unlock functionality Please check out the Release Information here for...



Usage Engine Private Edition 2.1 Released!

Jenni Wallin posted on Jun 03, 2022

This release focuses on GCP functionality and porting of features. This version includes: GCP Storage Profile and Agents <https://infozone.digitalroute.com/pages/viewpage.action?pageId=97029476#GCPStorage> GCP BigQuery Forwarding Agent For Batch Workflows <https://infozone.digitalroute.com/pages/viewpage.action?pageId=97029476#GCPBigQuery> Netty Upgrade <https://infozone.digitalroute.com/pages/viewpage.action?pageId=97029476#Netty> Support for Cluster Multi Tenancy <https://infozone.digitalroute.com>...



Usage Engine Private Edition 2.0.3 Released!

Jenni Wallin posted on May 10, 2022

This release contains: Upgrades of OpenJDK and esapi Support for Java 17 in Web Desktop Fix for incorrect character handling in Syslog agent Please check out the Release Information here for more details: Usage Engine 2.0.3 Release The release can be accessed from InfoZone: <https://infozone.digitalroute.com/display/UEPED2/Release+Information> <https://eur02.safelinks.protection.outlook.com/?url=https%3A%2F%2Finfozone.digitalroute.com%2Fdisplay%2FUEPED2%2FRelease%2BInformation&data=04%7C01%7Cjenni...>



Usage Engine Private Edition 2.0.2 Released on April 25th

Jenni Wallin posted on Apr 29, 2022

This release contains: Upgrades of Go and Liquibase to remove detected vulnerabilities Fix for using older Couchbase profiles with new properties Fix for parametrization of Couchbase profiles, including use of encrypted passwords and combination with External References Please check out the Release Information here for more details: Usage Engine 2.0.2 Release The release can be accessed from InfoZone: <https://infozone.digitalroute.com/display/UEPED2/Release+Information> <https://eur02.safelinks.com>...



Usage Engine Private Edition 2.0.1 Released!

Jenni Wallin posted on Apr 14, 2022

This release contains: Two fixes for Log Forwarding Support for Parametrization and Encrypted Port in Couchbase profile Added configuration possibilities in yaml files and helm charts Fix in ECDs for custom metrics Removal of unnecessary restarts of ECDs Enforcing HTTPS traffic for Web Desktop when TLS is enabled Fix of incorrect error messaging for the HTTP/2 server agent 3 fixed vulnerabilities Please check out the Release Information here for more details: <https://infozone.digitalroute.com>...



Usage Engine Private Edition 2.0 Released!

Jenni Wallin posted on Mar 15, 2022

This release focuses on data masking, workflow operations, and GCP functionality, and it includes: Data Masking in Data Veracity Workflow Group Support in EC Deployment UI Web UI for Batch Workflow Operations Google GCP Pub/Sub Support Support for Kubernetes v1.22 Support for Java 17 OAuth2 and Basic Authentication for HTTP/2 Client Agent among other things. Please check out the Usage Engine 2.0...