



# **Micro Focus**

## **Transformation Hub**

Software Version: 3.1.0

### **Release Notes**

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# Overview

Micro Focus Transformation Hub centralizes event processing and delivery, helps you to scale your security environment, and opens up event data to third-party solutions. It enables you to take advantage of scalable, high-throughput, multi-broker clusters for publishing and subscribing to event data.

Transformation Hub provides a packaged version of Apache Kafka. After you install and configure a Transformation Hub cluster, you can use SmartConnectors to publish data, and subscribe to that data with Logger, ESM, ArcSight Investigate (through Vertica integration), Apache Hadoop, or your own custom producer or consumer.

## What's New in this Release

Transformation Hub 3.1.0 includes the following new features:

- Upgrades to Version 3.1.0 and future releases from Version 3.0.0 and patches/hotfixes are now supported in the native CDF Installer, using rolling upgrades through the Master and Worker Nodes in the cluster.
- Platform support for RHEL 7.7 and CentOS 7.7 and component updates for: Azul Zulu Java runtime, Apache Kafka Client, Confluent Platform (which includes Apache Kafka Server, Schema Registry and ZooKeeper), and other library upgrades with up-to-date vulnerabilities compliance.
- Supports Brazilian time zone changes.
- During Transformation Hub deployment, container pods that have dependencies on the startup of other pods are now serialized, minimizing deployment issues.
- A new configuration property now allows disabling plain-text communications between Kafka producers/consumers and brokers.

## System Requirements

For details on Transformation Hub platform, system, and browser support, refer to the CDF Planning Guide, available from the [Micro Focus Software Community](#).

## Download Files

Files on the [Micro Focus Entitlement Portal](#) for download of this version of Transformation Hub include the following.

**Note:** sig files are used for verification of file authenticity.

- arcsight-installer-metadata-2.1.0.9.tar
- arcsight-installer-metadata-2.1.0.9.tar.sig
- cdf-2019.05.00131.zip
- cdf-2019.05.00131.tgz.zip.sig
- transformationhub-3.1.0.9.tar
- transformationhub-3.1.0.9.tar.sig
- Micro Focus Transformation Hub 3.1.0 Customer Letter.pdf
- ArcSight-Transformation-Hub-3.1.0-Third-Party-License.tx

## Closed Issues

This release resolves the following issues.

Key	Description
EB-2327, EB-2394	Documentation has undergone extensive revisions and corrections throughout.
EB-2362	The TH Deployment Guide now includes updated information on configuring security settings for connectors with Transformation Hub destinations.
EB-2290	The issue with the Schema Registry log scanning liveness probes going into CrashLoopBackOff status after the probe is configured, has been fixed.
EB-2214	Kafka JMX ports 9999 and 10000 were formerly open. They are now closed to access from outside the Kubernetes cluster.

## Open Issues

This release contains the following open issues.

**Note:** This list includes legacy issues from the ArcSight Installer.

Key	Description
INST-2148	<p>In some cases during installation of Transformation Hub, the ZooKeeper pods can get into a state where they are unable to connect internally with other ZooKeepers.</p> <p><b>Workaround:</b> During TH installation, if the Kafka pods have remained in Initializing state for longer than 10 minutes., please restart the ZooKeeper pods (pods 1 through x) by running this command for each pod:</p> <pre>kubect1 delete pod -n {Transformation Hub namespace} th-zookeeper-x</pre>
INST-1920	<p>If an attempt to access the Management Portal at <code>https://{external_access_host}:5443</code> returns either of the following errors:</p> <ul style="list-style-type: none"> <li>• <b>DLG_FLAGS_SEC_CERT_CN_INVALID</b></li> <li>• Shows an empty page</li> </ul> <p>then you must remove the access restriction of binding only <code>External_Access_Hostname</code> FQDN and use the URL <code>https://{virtual_IP}:5443</code> instead.</p> <p><b>Workaround:</b> Edit the ingress rule for the management portal as follows:</p> <ol style="list-style-type: none"> <li>1. <code>kubect1 edit ingress mng-portal --namespace core</code></li> <li>2. In the <code>vi</code> editor, navigate to <code>spec</code> and remove the <code>external_access_host</code> header of the http rule.</li> </ol> <p>Note: retain dashes (-) at the same position and spacing, or the <code>exit</code> command will not confirm saving the file.</p> <pre>spec:   rules:   - http:       paths:       - backend:           serviceName: mng-portal           servicePort: 80         path: /mngPortal       - backend:           serviceName: mng-portal           servicePort: 80         path: /</pre> <p>Exit the text editor.</p> <p>Run <code>kubect1 edit ingress mng-portal --namespace core</code> again and confirm the output is * (star).</p> <p>This confirms that the Management Portal can now be accessed by "https://{virtual_IP}:5443" openly. Alternatively, you can still access it by "https://{external_access_host}:5443" but without the <b>DLG_FLAGS_SEC_CERT_CN_INVALID</b> error in your browser.</p>



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