



Micro Focus Transformation Hub

Software Version: 3.4.0

Release Notes

Document Release Date: December 3, 2020

Software Release Date: December 3, 2020

Legal Notices

Copyright Notice

© Copyright 2020 Micro Focus or one of its affiliates

Confidential computer software. Valid license from Micro Focus required for possession, use or copying. The information contained herein is subject to change without notice.

The only warranties for Micro Focus products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Micro Focus shall not be liable for technical or editorial errors or omissions contained herein.

No portion of this product's documentation may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or information storage and retrieval systems, for any purpose other than the purchaser's internal use, without the express written permission of Micro Focus.

Notwithstanding anything to the contrary in your license agreement for Micro Focus ArcSight software, you may reverse engineer and modify certain open source components of the software in accordance with the license terms for those particular components. See below for the applicable terms.

U.S. Governmental Rights. For purposes of your license to Micro Focus ArcSight software, "commercial computer software" is defined at FAR 2.101. If acquired by or on behalf of a civilian agency, the U.S. Government acquires this commercial computer software and/or commercial computer software documentation and other technical data subject to the terms of the Agreement as specified in 48 C.F.R. 12.212 (Computer Software) and 12.211 (Technical Data) of the Federal Acquisition Regulation ("FAR") and its successors. If acquired by or on behalf of any agency within the Department of Defense ("DOD"), the U.S. Government acquires this commercial computer software and/or commercial computer software documentation subject to the terms of the Agreement as specified in 48 C.F.R. 227.7202-3 of the DOD FAR Supplement ("DFARS") and its successors. This U.S. Government Rights Section 18.11 is in lieu of, and supersedes, any other FAR, DFARS, or other clause or provision that addresses government rights in computer software or technical data.

Trademark Notices

Adobe™ is a trademark of Adobe Systems Incorporated.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

UNIX® is a registered trademark of The Open Group.

Support

Contact Information

Phone	A list of phone numbers is available on the Technical Support Page: https://softwaresupport.softwaregrp.com/support-contact-information
Support Web Site	https://softwaresupport.softwaregrp.com/
ArcSight Product Documentation	https://community.softwaregrp.com/t5/ArcSight-Product-Documentation/ct-p/productdocs

Contents

- Overview 4
 - What's New in this Release 4
 - System Requirements 5
 - Download Files 5
 - All Installations 5
 - On-Premises Only 5
 - Azure Only 5
 - AWS Only 6
 - Transformation Hub Documentation 6

- Open Issues 7

- Closed Issues 8

- Send Documentation Feedback 9

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, Recon, or your own custom consumer.

What's New in this Release

This release of Transformation Hub contains the following new features:

- Deployment and configuration of Transformation Hub in an Amazon Web Services (AWS) environment that leverages its cloud-native services and capabilities
- A new silent install process for on-premise installations greatly simplifies the initial deployment of container-based ArcSight products and capabilities. The installer supports from a simple, single node containing all capabilities, to multi-node, high-availability deployment models. It installs and configures OS, storage, network and other prerequisites and performs pre- and post-deployment resource and configuration checks. A minimum set of parameters are required, such as Master and Worker Node host names.
- Upgrades to Version 3.4.0 from prior Version 3.x releases and patches/hotfixes are supported in the native CDF Installer, using rolling upgrades through the Master and Worker Nodes in the cluster. If the cluster had been deployed with a high-availability deployment, the cluster will continue to process event streams while the upgrade proceeds from node-to-node.
- Support for the latest SmartConnector release, v8.1.0. In addition to CEF and ESM_Binary formats (this release of SmartConnector supports emitting Avro-formatted events).
- New stream processor and Kafka topics supporting Avro-formatted events are now available in Transformation Hub. Transformation Hub (and ArcMC) enhancements enable routing of Avro event streams and consumption of Avro events forwarded from ESM.
- Documentation is now available online, as HTML pages, supplemented by traditional PDF documents.
- The Container Deployment Foundation (CDF) Kubernetes and Docker components have been upgraded to CDF version 2020.08.
- Platform component version updates have been certified on RHEL 8.2, CentOS 8.2, with current releases of Azul Zulu Java runtime, PostgreSQL, Apache Kafka Client, and the Confluent platform (which includes Apache Kafka, Schema Registry and ZooKeeper).

Component libraries include are updated for vulnerability compliance, and ciphers are current.

- Miscellaneous bug fixes as described in this document.

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.

All Installations

These files are required for all installations. In addition, for any installation, you will need to download additional files particular to your installation type.

- arcsight-installer-metadata-20.11.0.16.tar
- transformationhub-3.4.0.16.tar
- arcsight-installer-metadata-20.11.0.16.tar.sig
- transformationhub-3.4.0.16.tar.sig
- ArcSight-Transformation-Hub-3.4.0-Third-Party-License.txt

On-Premises Only

These additional files are required for an on-premises installation.

- cdf-2020.08.00153-20.11.0.5.zip
- cdf-2020.08.00153-20.11.0.5.zip.sig

Azure Only

These additional files are required for an Azure installation.

- cdf-byok-images-2020.08.00153-20.11.0.5.tar
- cdf-byok-images-2020.08.00153-20.11.0.5.tar.sig

- cdf-deployer-2020.08.00153-20.11.0.5.zip
- cdf-deployer-2020.08.00153-20.11.0.5.zip.sig

AWS Only

These additional files are required for an AWS installation.

- cdf-byok-images-2020.08.00153-20.11.0.5.tar
- aws-byok-installer-2020.08.00153-20.11.0.5.zip
- cdf-byok-images-2020.08.00153-20.11.0.5.tar.sig
- aws-byok-installer-2020.08.00153-20.11.0.5.zip.sig



.sig files are used for verification of file authenticity.

Transformation Hub Documentation

New with this release, Transformation Hub documentation is now included in the [Administrator's Guide to ArcSight Platform 20.11](#). This unified guide comprises the help for ArcSight products deployed as part of the ArcSight Platform and deployable by CDF, which includes Transformation Hub, Recon, Intelligence, ESM Command Center, SOAR, Layered Analytics, and Fusion.

Legacy Transformation Hub documentation is maintained on the [Micro Focus support community](#).

Open Issues

This release contains the following open issues.

Key	Description
EB-3541	After an upgrade from Transformation Hub 3.3.0 to 3.4.0, the mf-event-avro-esmfiltered topic may become non-routable. For a patch to fix this issue, contact Micro Focus support.
EB-3540	The Transformation Hub version displayed in Kafka Manager is a static value and is incorrect.
EB-3457	When topic deletion is disabled, Kafka Manager permits users to click the Delete Topic button without a warning that the topic is deleted. The default value for allowing Kafka topic deletion has been set to false for improved security.

Closed Issues

This release resolves the following issues.

Key	Description
EB-3062	An intermittent issue was noted with web service pod startup, during the upgrade to TH 3.3, that correlated with slow network and/or slow VM response. The pod startup was blocked or delayed, leading to various issues, such as failing to create new topics and/or registering the new schema version. One error seen in the web service log file is, "Thread Thread[vert.x-eventloop-thread-0,5,main] has been blocked for 5715 ms, time limit is 2000". The workaround is to restart the web service pod.

Send Documentation Feedback

If you have comments about this document, you can [contact the documentation team](#) by email. If an email client is configured on this computer, click the link above and an email window opens with the following information in the subject line:

Feedback on Release Notes (Transformation Hub 3.4.0)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to arcsight_doc@microfocus.com.

We appreciate your feedback!