

Hitachi Streaming Data Platform telecommunications package 2.3.0 Release Notes

Contents

Contents	1
About this document.....	1
Intended audience.....	1
Getting help	2
About this release	2
Product package contents.....	2
New features and important enhancements.....	2
System requirements.....	3
Resolved problems	4
Known problems	4
Installation precautions	5
Usage precautions.....	5
Documentation	5
Abbreviations	6
Copyrights and licenses.....	6

About this document

This document (RN-93HSDPTLCO001, August 2015) provides late-breaking information about Hitachi Streaming Data Platform telecommunications package 2.3.0. It includes information that was not available at the time the technical documentation for this product was published, as well as a list of known problems and solutions.

Intended audience

This document is intended for customers and Hitachi Data Systems partners who license and use Hitachi Streaming Data Platform telecommunications package.

Getting help

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About this release

This release is a major release that adds new features.

Product package contents

For information about the documentation that is provided with this release, please see the "Available documents" table in the [Documentation](#) section of this file.

Medium	DVD-ROM	Revision	Release Type
Software	Hitachi Streaming Data Platform telecommunications package	2.3.0	Full Package

New features and important enhancements

2.3.0 additional functions and modifications

1. The `hsdptlcsetup` command automatically distributes sample files in the working directory.
2. Supports a packet or metric analysis for any MonitorId.
3. Supports the output of messages to a log file depending on a user-defined log level.

The metric data input connector supports the following features:

4. Moving CSV files to a retention directory
5. Deleting CSV files from a retention directory
6. Reading CSV files at user-defined intervals
7. Reading CSV files in the order of the last modified time
8. Outputting CSV file information to a log file

System requirements

Operating system requirements

Refer to Chapter 3, *Installation and Setup* and section 3.4, *Configuring notification of alerts* in the *Hitachi Streaming Data Platform telecommunications package Setup and Operation Guide*.

Usable OSs (Linux):

OS (*)	Version	Architecture
Red Hat Enterprise Linux 6 Red Hat Enterprise Linux 6 Advanced Platform	6.4	EM64T
		AMD64
Red Hat Enterprise Linux 6 Red Hat Enterprise Linux 6 Advanced Platform	6.5	EM64T
		AMD64
Red Hat Enterprise Linux 6 Red Hat Enterprise Linux 6 Advanced Platform	6.6	EM64T
		AMD64
SUSE Linux Enterprise Server 11	SP2	EM64T
		AMD64
SUSE Linux Enterprise Server 11	SP3	EM64T
		AMD64

(*) Also runs under Kernel-based Virtual Machine (KVM) on the same OS and version.

Virtualization software (Linux):

Virtualization Software			
OS	Version	Update	Architecture
VMware vSphere ESXi	5.1	1	EM64T
			AMD64
VMware vSphere ESXi	5.5	1	EM64T
			AMD64
VMware vSphere ESXi	6.0	None	EM64T
			AMD64

Prerequisite programs

Programs required in the same machine

The following software is required:

Hitachi Streaming Data Platform

In case of using SNMP Traps, install the following rpm packages of Red Hat Linux:

- net-snmp
- net-snmp-utils
- net-snmp-libs

Programs required in the system

For using the sample dashboard, RTView versions from 6.4.0.0 to 6.5.0.0 are required on the same host as the sample dashboard.

Memory and disk space requirements

Disk space requirements

2,048 KB

Memory requirements

Using a single HSDP server: 1,024 MB

Using multiple HSDP servers:

1,024 MB + (the number of HSDP servers*) * 1,536 MB

*) The number of HSDP servers is specified in the parameter `hsdptlc_num_servers` within the Setup configuration file that is used by the `hsdptlcsetup` command. See Chapter 3, *Installation and Setup* and Chapter 8, section 8.2, Setup configuration file in the *Hitachi Streaming Data Platform telecommunications package Setup and Operation Guide* for using multiple HSDP servers.

Resolved problems

2.3.0

The following problems have been corrected:

1. The metric data input connector does not output a message when the connector fails to read a CSV file.
2. In the following cases, the metric data input connector does not read a CSV file.
 - Single KPI analysis and segment KPI analysis are enabled.
 - The CSV file names for single KPI analysis and segment KPI analysis conflict.
3. The metric data input connector causes a memory leak.

Known problems

Restriction on this release

None.

Installation precautions

Installation

See Chapter 3, *Installation and Setup* in the *Hitachi Streaming Data Platform telecommunications package Setup and Operation Guide*.

Port numbers

See Chapter 8, section 8.11, *Setup configuration file* in the *Hitachi Streaming Data Platform Setup and Operation Guide*.

Usage precautions

Notes on the virtualization platform environment

This product design was based on a standard environment (an OS environment on an actual machine). In a virtualization platform environment, this product may behave differently from a standard environment due to the effect of virtualization on hardware resources, deteriorating performance caused by shared I/O, or other causes. Use this product after you have accepted the following conditions for use:

Usage conditions

This product has been verified to ensure that it operates without error. However, performance deterioration can occur. In addition, functions such as those to obtain CPU times might be adversely affected. For this reason, to use this product in a virtualization platform environment, you must conduct a full operation evaluation and performance verification of the system. Perform these checks after the system has been built, and confirm that it uses the appropriate hardware, virtualization software, guest OS, this product, and applications.

Notes on the setting up a working directory

When the `hsdpsetup` command executes, the confirmation message does not show the following properties' values:

- `hsdp_server_host_name`
- `hsdp_heartbeat_address`

Before this command execution, check all properties in the setup configuration file.

Documentation

Available documents

Document name	Document number	Issue date
Hitachi Streaming Data Platform telecommunications package Setup and Operation Guide	MK-93HSDP004-03	August, 2015

Documentation errata

None.

Abbreviations

Product name for use in Software ECN	Abbreviation
Hitachi Streaming Data Platform	HSDP
Hitachi Streaming Data Platform telecommunications package	HSDP for telco
Hitachi Streaming Data Platform software development kit	HSDP SDK

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