

Hortonworks SmartSense

Release Notes

(October 30, 2017)

Hortonworks SmartSense: Release Notes

Copyright © 2012-2017 Hortonworks, Inc. All rights reserved.

The Hortonworks Data Platform, powered by Apache Hadoop, is a massively scalable and 100% open source platform for storing, processing and analyzing large volumes of data. It is designed to deal with data from many sources and formats in a very quick, easy and cost-effective manner. The Hortonworks Data Platform consists of the essential set of Apache Hadoop projects including MapReduce, Hadoop Distributed File System (HDFS), HCatalog, Pig, Hive, HBase, ZooKeeper and Ambari. Hortonworks is the major contributor of code and patches to many of these projects. These projects have been integrated and tested as part of the Hortonworks Data Platform release process and installation and configuration tools have also been included.

Unlike other providers of platforms built using Apache Hadoop, Hortonworks contributes 100% of our code back to the Apache Software Foundation. The Hortonworks Data Platform is Apache-licensed and completely open source. We sell only expert technical support, [training](#) and partner-enablement services. All of our technology is, and will remain free and open source. Please visit the [Hortonworks Data Platform](#) page for more information on Hortonworks technology. For more information on Hortonworks services, please visit either the [Support](#) or [Training](#) page. Feel free to [Contact Us](#) directly to discuss your specific needs.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Table of Contents

- 1. SmartSense 1.4.3 Release Notes 1
 - 1.1. New Features 1
 - 1.2. Fixed Issues 1
 - 1.3. Known Issues 2

List of Tables

1.1. 1
1.2. 1
1.3. 1

1. SmartSense 1.4.3 Release Notes

The Release Notes include the following information for SmartSense 1.4.3:

- [New Features \[1\]](#)
- [Fixed Issues \[1\]](#)
- [Known Issues \[2\]](#)

1.1. New Features

SmartSense 1.4.3 includes the following **new features**:

Table 1.1.

HWX Jira	Description
RMP-9340	Support for capturing NiFi data for support case troubleshooting. Refer to Services Available for Capture .

SmartSense 1.4.3 includes the following **improvements**, and **behavioral changes**:

Table 1.2.

HWX Jira	Description
ST-3276	Specify an optional description field for an anonymization rule. Refer to Fields Used for Defining Anonymization Rules .
ST-3298	By default, large file collection (handler.largefiles.size) should truncate files larger than 512MB, instead of truncating files larger than 200MB. Refer to Configuration Guidelines .
ST-2324	Collect mysql-connector-java package version.
ST-3330	Enable flattened UpgradeService script.

1.2. Fixed Issues

The following fixes have been implemented in SmartSense 1.4.3:

Table 1.3.

HWX Jira	Description
ST-3379	Metrics are not captured when AMS is using HTTPS.
ST-3368	RPM Versions are not captured for all HDFS components.
ST-3367	Kerberos Principal names are not fully anonymized.
ST-3366	Empty password configuration parameters are not treated as 'empty' fields.
ST-3360	Capturing Hive query in kerberized cluster hangs with GSS error.
ST-3357	Make hdp_version_command optional in the HST collection scripts.
ST-3333	HST agent failed to register when using Python 2.7.5.
ST-3331	Anonymization of ini and XML properties using properties parsers fails.
ST-3326	HST agents cannot be registered to HST server with certain Python versions.

HWX Jira	Description
ST-3317	Empty XML password configuration parameters are not treated as 'empty' fields.
ST-3315	Ambari SmartSense View is not loading if a remote cluster is configured.
ST-3313	HST agent configuration changes are not applied to all agents.
ST-3291	Keytab principal names should not be anonymized using email pattern.
ST-3290, ST-2998	Some IP addresses in the middle of complex strings are not fully anonymized.
ST-3284	All Hive properties should not be loaded into context during capture.
ST-3276	Anonymization rules should be renamed for consistency and easy readability.
ST-3383	JMX report does not provide information for NameNode.
ST-3391	Ambari proxy GET params are not sent over to the backend API.
ST-3394	Packages report is empty for components with multiple package names.

1.3. Known Issues

SmartSense 1.4.3 has the following known issues, scheduled for resolution in a future release:

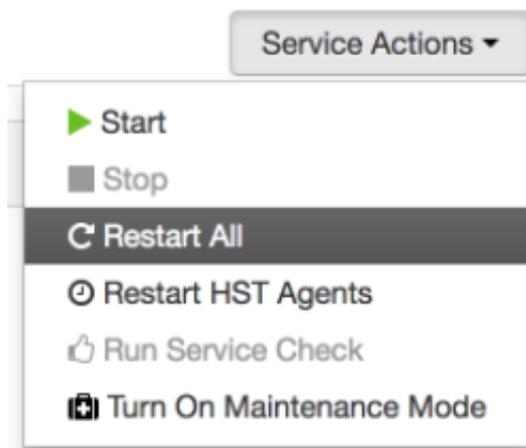
Issue 1: Activity Analyzer fails to start in Ambari 2.2.x.

Workaround: SmartSense 1.4.3 is not supported with Ambari versions earlier than 2.4. You must upgrade Ambari to version 2.4 or later.

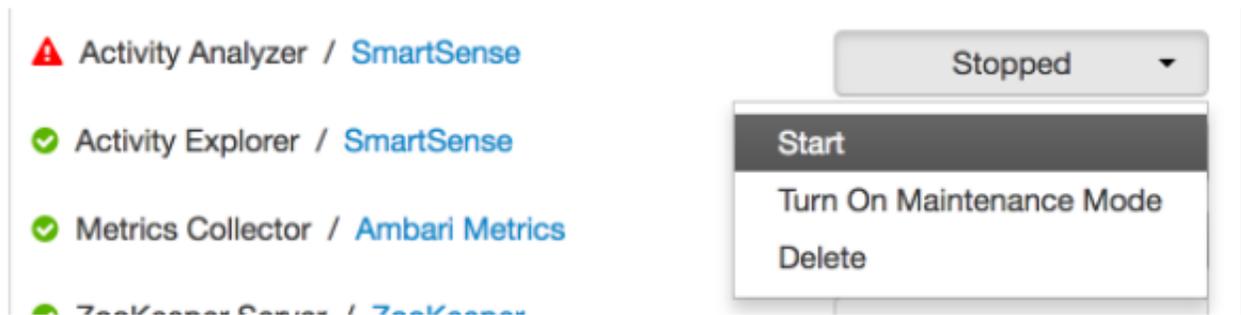
Issue 2: Activity Analyzer fails to start after upgrade from SmartSense 1.2.x to SmartSense 1.4.3.

Workaround:

1. On Ambari server host run `hst upgrade-ambari-service` as root user.
2. Restart all SmartSense components. You can do this by clicking on **Service Actions** and selecting **Restart All**:



If the **Restart All** option is disabled, start each SmartSense component individually:



Issue 3: In rare cases, SmartSense View may display the following error:

The SmartSense service is currently unavailable. Please make sure the SmartSense Server is up and running.

even though HST Server is up.

Workaround:

1. Log in to the Ambari View management UI as an admin user.
2. Delete SmartSense View instance and then create a new instance.