

Hortonworks SmartSense

Release Notes

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Hortonworks SmartSense: Release Notes

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1. SmartSense 1.3.0 Release Notes

The Release Notes include the following information for SmartSense 1.3.0:

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

1.1. New Services and Features

SmartSense 1.3.0 includes the following **new services**:

- Reporting and visualization for workloads through [Activity Analyzer and Activity Explorer](#)
To learn how to access Activity Explorer, see [Accessing Activity Explorer](#).
- Web-based (HTTPS) bundle upload through <https://smartsense.hortonworks.com>
See [Manual Bundle Upload](#).
- Bundle upload with [SmartSense Gateway](#) through an HTTPS authenticated proxy
See [Configuring the Gateway to Use HTTPS](#).

SmartSense 1.3.0 includes the following **new features**:

- Automatic detection of environment-specific configurations, such as custom service user names, and configuration, home, and log directories
- Capturing of the following data:
 - Additional component metrics for DataNode, NameNode, and NodeManager
 - Host-level metrics from AMS
 - Queue metrics for ResourceManager
 - Ambari Alert Log: `/var/log/ambari-server/ambari-alerts.log`
 - Grafana configuration, logs, and dashboard definitions
- Anonymization of secure information:
 - Apache Knox LDAP bind password
 - Wire encryption password
 - `hadoop.security.group.mapping.ldap.bind.password`
 - SSN and credit card numbers

- Default removal of the following parameters from capture:
 - `audit.log`
 - `ldap-password.dat`
 - Azure and Amazon S3 credentials and keys
- Expanded Hive metadata collection, which allows support and engineering departments to gather detailed information about Hive optimizations and configuration
- Embedded SmartSense Gateway, which allows deployments with outbound internet access to upload bundles without having to explicitly install the SmartSense Gateway
- Periodic removal of previously captured bundles (Bundles captured locally are removed after 30 days)
- User experience improvements to the capture and browse pages in the SmartSense View

The following features are **deprecated** in SmartSense 1.3.0:

- Support for Ganglia and Nagios diagnostics

1.2. Fixed Issues

The following fixes have been implemented in SmartSense 1.3.0:

Table 1.1. SmartSense 1.3.0 Fixed Issues

HWX Jira	Resolution Description
ST-1651	It is now easier to manage SSL errors for HST.
ST-1568	The upload progress bar no longer resets multiple times during retry.
ST-1618	The Capture button is now disabled until another capture can be initiated.
ST-1643	The klist command is now used to find the default knit user.
ST-2000	Data collection no longer hangs on DFSAdminReport for a non-root user and an insecure cluster.
ST-1994	Ambari communication with Ambari agents is no longer blocked when SmartSense agents are not able to connect to the SmartSense server.

1.3. Known Issues

SmartSense 1.3.0 has the following known issues, scheduled for resolution in a future release:

Table 1.2. SmartSense 1.3.0 Known Issues

Issue	Workaround
In some environments, SmartSense agent commands fail with an SSLError in the agent logs.	Run <code>hst reset</code> on HST server and <code>hst reset-agent</code> on all HST agents. See SmartSense SSL Troubleshooting .