

Hortonworks Data Platform

Ambari Release Notes

(Jul 21, 2015)

Hortonworks Data Platform : Ambari Release Notes

Copyright © 2012-2015 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. Release Notes Ambari - 2.1	1
1.1. New Features	1
1.2. Behavioral Changes	2
1.3. Patch Information	3
1.4. Known Issues	5
1.5. Fixed Issues	12
1.5.1. Potential Data Loss	12
1.5.2. Stability	12
1.5.3. Security	13
1.5.4. Upgrade	14
1.5.5. Usability	16
1.5.6. Performance	17
1.5.7. Other	18

List of Tables

1.1. Core Ambari	1
1.2. HDP Stack	1
1.3. Extensibility	2
1.4. Ambari 2.1.0 Behavioral Changes	2
1.5. Apache Ambari 2.1 Patches	3
1.6. Ambari 2.1 Known Issues	5

1. Release Notes Ambari - 2.1

RELEASE NOTES: Apache Ambari 2.1

The Ambari 2.1 Release Notes summarize and describe the following information released in Ambari 2.1:

- [New Features](#)
- [Behavioral Changes](#)
- [Patch Information](#)
- [Known Issues](#)
- [Fixed Issues](#)

1.1. New Features

The Ambari 2.1 release includes the following new features and improvements:

Table 1.1. Core Ambari

Feature	Description
Customizable Dashboards AMBARI-9792	Ability to customize the Metric widgets displayed on HDFS, YARN and HBase on Service Summary pages. Includes ability for Operators to create new widgets and share widgets in a Widget Library.
Guided Configs AMBARI-9794	Service Configs for HDFS, YARN, Hive and HBase included new UI controls (such as slider-bars) and an improved organization/layout.
Manual Kerberos AMBARI-9783	When enabling Kerberos, ability to perform setup Kerberos manually. The user
New User Views	Hive, Pig, Files and Capacity Scheduler user views are included by default with Ambari.
Rack Awareness AMBARI-6646	Ability to set Rack ID on hosts. Ambari will generate a topology script automatically and set the configuration for HDFS.
Alerts Log Appender AMBARI-10249	Log alert state change events to ambari-alerts.log.
JDK 1.8 AMBARI-9784	Added support for Oracle JDK 1.8. This is only supported with HDP 2.3 stack.
RHEL/CentOS/Oracle Linux 7 AMBARI-9791	Added support for RHEL/CentOS/Oracle Linux 7. This is only supported with HDP 2.3 stack.

Table 1.2. HDP Stack

Feature	Description
HDP 2.3 Stack	Added support for HDP 2.3 Stack.
Added Support for HDP Components	<ul style="list-style-type: none"> • Accumulo (HDP 2.3) • NFS Gateway (HDP 2.3) • Atlas (HDP 2.3)

Feature	Description
	<ul style="list-style-type: none"> • Mahout (HDP 2.3) • Ranger KMS (HDP 2.3) • DataFu (HDP 2.3 - installed with Pig client) • HBase Phoenix Query Server (HDP 2.3) **Tech Preview**
Storm Nimbus HA	Ability to add 1+ Nimbus Server component instances.
Tez Service Check	Added service check for Tez Service.

Table 1.3. Extensibility

Feature	Description
Blueprints: Host Discovery AMBARI-10750	Ability to automatically add hosts to a blueprint-created cluster.
Views Framework: Auto-create AMBARI-10424	Ability to specify how to automatically create a view instance.
Views Framework: Auto-configure AMBARI-10306	Ability to specify how to automatically configuration a view instance based on the cluster being managed by Ambari.

1.2. Behavioral Changes

Ambari 2.1.0 introduces the following changes in behavior as compared to previous Ambari versions:

Table 1.4. Ambari 2.1.0 Behavioral Changes

Apache Jira	HWX Jira	Title	Description
AMBARI-9784	BUG-32201	JDK Support	Added support for JDK 1.8 and removed support for JDK 1.6. You must upgrade to JDK 1.7 in your current Ambari before upgrading to Ambari 2.1.
AMBARI-9791	BUG-32223	OS Support	Added support for RHEL/CentOS/Oracle Linux 7 and removed support for RHEL/CentOS/Oracle Linux 5. You must be running RHEL/CentOS/Oracle Linux 6 or 7 before upgrading to Ambari 2.1.
AMBARI-6646	RMP-3096	Rack Awareness	Added support for HDFS Rack Awareness. If you currently configured HDFS for rack awareness using your own topology script, that configuration will stay in place. If you want to switch to use Ambari Rack Awareness features, you will need to update the HDFS net.topology.script.file.name property to use the Ambari-generated script: /etc/hadoop/conf/topology_script.py
AMBARI-10506	BUG-33967	SSL Client and Server Configuration	Added support for managing ssl-client and ssl-server HDFS configurations. If you are currently managing these files manually across the hosts in your cluster, you will need to migrate management to Ambari.
AMBARI-12258	BUG-40449	ambari-env.sh Backup	During Ambari upgrade, the existing ambari-env.sh file is overwritten and a backup copy of ambari-env.sh (with extension .rpmsave) is created. If you have manually modified ambari-env.sh (for example, to change Ambari Server heap), you will need to re-apply your changes to the new file.
AMBARI-10648	BUG-34434	Heatmaps	The Ambari Web Dashboard > Heatmaps tab includes a list of all heatmaps available for the hosts and services in the cluster. In addition, each Service that has Heatmaps also include a Service > Heatmaps tab with the list of the heatmaps

Apache Jira	HWX Jira	Title	Description
			specific to that Service. For example, HDFS and YARN include a heatmaps tab under their respective Services.
AMBARI-9794	BUG-32000	Config Organization	The new Guided Configs features changes the layout + controls of Service Configs for HDFS, YARN, Hive and HBase. Under the Service > Configs tab, you will see sub-tabs "Settings" and "Advanced". The Settings tab include the most commonly used configuration properties for that service. The Advanced tab includes all other properties (with a layout similar to previous Ambari releases), including the Custom sections where you can add custom properties to a service configuration.
AMBARI-10400	BUG-34054	Sudo Usage	When Ambari Agents are configured to run as non-root, Ambari will use sudo to execute commands. Therefore, sudo must be available in order to run non-root Agents. If you are not running a non-root Agent configuration, sudo will not be used to execute commands.
		Removed SLES 11 SP1 support.	SLES 11 SP1 or SP3 can be used with Ambari when installing and managing HDP 2.2, 2.1 or 2.0 clusters. SLES 11 SP1 cannot be used with Ambari installing and managing HDP 2.3. You must use SLES 11 SP3.
		Ubuntu and Debian Support	Ambari 2.1.0 does not support Ubuntu 12.0.4, Ubuntu 14.0.4 or Debian 7; Hortonworks will add support for Ubuntu 12.0.4, Ubuntu 14.0.4 and Debian 7 in a later Ambari 2.1 maintenance release. If Ubuntu is critical to your environment today, do not use Ambari 2.1 and instead use Ambari 2.0.1 or a later Ambari 2.0 maintenance release.
		HDP Stack Support	Ambari support for HDP 2.0 and HDP 2.1 is deprecated starting with Ambari 2.1 release. Support for these HDP Stacks will be removed in a future Ambari release.
		HDP 2.0 or HDP 2.1 Upgrade	Ambari 2.1 does not support directly upgrading from HDP 2.0 or HDP 2.1 to HDP 2.3. In order to upgrade from HDP 2.0 or HDP 2.1, you must first upgrade to HDP 2.2 using either Ambari 1.7 or 2.0 . Once completed, upgrade your current Ambari to Ambari 2.1. Then, leverage Ambari 2.1 to complete the upgrade from HDP 2.2 to HDP 2.3.

1.3. Patch Information

Ambari 2.1 is based on Apache Ambari 2.1 and the following patches.

Table 1.5. Apache Ambari 2.1 Patches

Apache Jira	Description
AMBARI-12459	Change latest and baseurl to point to public json and public repo urls
AMBARI-12451	Ranger configurations missing after HDP 2.2 to 2.3 upgrade
AMBARI-12449	Ranger KMS after some time becomes stopped on non-root agent + systemwide umask 027
AMBARI-12448	Non-Root: Ranger Admin install fails with permission denied
AMBARI-12446	Starting ranger enabled services fails if folder to copy JDBC driver does not exist
AMBARI-12444	Manual Stack Upgrade 2.2 -> 2.3: Storm service check through Ambari UI fails after upgrading
AMBARI-12437	Manual Stack Upgrade to HDP 2.3 - HBase coprocessor properties are not set to proper values
AMBARI-12429	Deleting a host using the API causes NPE
AMBARI-12428	Manual Stack Upgrade to HDP 2.3 - oozie.authentication.simple.anonymous.allowed should be set to true
AMBARI-12427	Incorrect listeners property in file /etc/kafka/conf/server.properties
AMBARI-12425	Manual Stack Upgrade - Unable to set current after upgrade from 2.2 -> 2.3
AMBARI-12424	It is not possible to enable Nimbus HA on secure cluster.

Apache Jira	Description
AMBARI-12419	Final flag not preserved after enabling security
AMBARI-12418	Second confirmation of hosts fails under combination of umask and non-root user
AMBARI-12415	Ambari should set dr. who in the admin acl by default in the secure cluster.
AMBARI-12411	WebHCat long running test fails with NPE at the WebHCat server
AMBARI-12407	Add service wizard freezes on kerberized cluster
AMBARI-12406	Can't download client configs with ambari-server installed using non root user
AMBARI-12401	Oozie Server start failed and RegionServers down after Node Labels enabled
AMBARI-12400	Blueprint config processor should retain property hbase.coprocessor.master.classes with default value
AMBARI-12399	Ambari 2.1 upgrade: Save yarn configs fails due to error from stack advisor
AMBARI-12398	Falcon Server Web UI alert after adding Falcon on Kerberized cluster
AMBARI-12397	Minor typo error in property mapping in file UpgradeCatalog_2.2_to_2.3.json for grant-revoke property
AMBARI-12396	Error when trying to add config override (additional patch)
AMBARI-12396	Error when trying to add config override.
AMBARI-12394	Handle hadoop.registry.zk.quorum in stack upgrade 2.1->2.3
AMBARI-12392	RU - Repo version should be unique within the stack
AMBARI-12391	Rolling upgrade failed on Hive restart for Centos 7
AMBARI-12390	Confirm Hosts step fails with umask 027 and non-root ambari-server user
AMBARI-12388	HBase start failed on upgrade.
AMBARI-12387	yarn.resourcemanager.fs.state-store.uri not handled in upgrade catalog for yarn
AMBARI-12386	After running as root, ambari-agent won't start or stop as non-root
AMBARI-12385	Oozie Service Fails After Downgrade Because Of Missing Falcon JAR In WAR
AMBARI-12384	HDFS client configs not set during Ranger KMS install
AMBARI-12382	RU - Finalize Failed, Ranger KMS does not advertise version since no structured-out-*.json file
AMBARI-12378	Widget display goes on and off at service dashboard for Number and Graph widgets using same metrics
AMBARI-12377	Installer wizard: WebHCat server start fails
AMBARI-12375	RU fails for ZooKeeper only cluster
AMBARI-12371	Downloaded client configuration contains strange folder
AMBARI-12369	if audit to DB is made true for hdfs then namenode is not able to connect to mysql DB
AMBARI-12366	Fix issue where the BP configuration is modified on a getter invocation due to an incomplete deep copy
AMBARI-12364	WebHCat fails to start during upgrade from HDP-2.2 to HDP-2.3
AMBARI-12362	Manual upgrade fails - YARN RM restart failed due to yarn node labels error.
AMBARI-12361	RU: Secure Upgrade Fails On Restarting NameNode Because kinit Is Not Called Before HDFS Command
AMBARI-12360	Overrides in Custom Properties for non-default config groups are shown in the default config group as editable without link to non-default config groups.
AMBARI-12359	on non-root agent RU Falcon restart fails
AMBARI-12358	Discard button for config groups doesn't work.
AMBARI-12357	Properties with slider widget is formatting not properly
AMBARI-12356	kinit of hdfs Kerberos identity fails when starting added service(s) after upgrade to Ambari 2.1.0
AMBARI-12355	DATANODE START failed on secure cluster.
AMBARI-12354	Check that all wizards correctly save their statuses on close
AMBARI-12352	Ambari dashboard reports hive metastore as green but alerts says metastore down.
AMBARI-12343	Ambari storm deployment fails in secure mode due to storm principal name
AMBARI-12325	RU: Installation of new stack failed on SLES
AMBARI-12276	Oozie running with pig fail to renew JHS delegation token when RU because JHS recovery is not enabled
AMBARI-12243	Ambari suggesting restart required on various services after RU from HDP 2.2 to HDP 2.3

Apache Jira	Description
AMBARI-12185	User is able to go back from deploy step of installer
AMBARI-12167	Progress bar remains blue on deploy finish

1.4. Known Issues

Ambari 2.1 has the following known issues, scheduled for resolution in a future release. Please work around the following issues with Ambari 2.1:

Table 1.6. Ambari 2.1 Known Issues

Apache Jira	HWX Jira	Problem	Solution
	BUG-47666	SNMPv3 is not supported.	The SNMPv3 notification method is not supported.
	BUG-41365	With umask 027 and oracle database, Ranger Admin install runs into jdbc class not found issue.	Change the permission to 644 for the oracle jdbc jar at: /usr/share/java/ojdbc6.jar on all hosts and retry..
	BUG-41331	Hyperlink text in the pdf documentation does not link to target topics.	Use hyperlinks in the html documentation to navigate between topics.
	BUG-41308	DataNode Fails to Install on RHEL/CentOS 7.	<p>During cluster install, DataNode fails to install with the following error:</p> <pre>resource_management.core.exceptions.Fail: Execution of '/usr/bin/yum -d 0 -e 0 -y install snappy-devel' returned 1. Error: Package: snappy-devel-1.0.5-1.el6.x86_64 (HDP-UTILS-1.1.0.20) Requires: snappy(x86-64) = 1.0.5-1.el6 Installed: snappy-1.1.0-3.el7.x86_64 (@anaconda/7.1) snappy(x86-64) = 1.1.0-3.el7 Available: snappy-1.0.5-1.el6.x86_64 (HDP-UTILS-1.1.0.20) snappy(x86-64) = 1.0.5-1.el6</pre> <p>Hadoop requires the snappy-devel package that is a lower version that what is on the machine already. Run the following on the host and retry.</p> <pre>yum remove snappy yum install snappy-devel</pre>
	BUG-41250	Widget edit dialog shows for read-only users.	The widget edit dialog is displayed on login by a read-only user. The user will not be able to edit or create a widget. Cancel the dialog, logout and login back in and the dialog will no longer be displayed.
AMBARI-12434	BUG-41244	After closing Ranger Admin Wizard, if you re-open, the wizard opens to the step where you closed.	Refresh your browser to start from the beginning of the Wizard.
	BUG-41177	When the Hive metastore service is installed on a separate host from the provided MySQL server it will fail to start with the following error:	Create a hive database user scoped to the host that the Hive metastore is installed on. So assuming the Hive metastore is installed on host1.hortonworks.local and the hive

Apache Jira	HWX Jira	Problem	Solution
		<pre>File "/usr/lib/python2.6/site-packages/resource_management/core/shell.py", line 291, in _call raise Fail(err_msg) resource_management.core.exceptions. Fail: Execution of 'export HIVE_CONF_DIR=/etc/hive/conf. server ; /usr/hdp/current/hive-metastore/bin/schematool -initSchema -dbType mysql -userName hive -passWord [PROTECTED]' returned 1. Metastore connection URL: jdbc:mysql: //revo2. hortonworks.local/hive? createDatabaseIfNotExist= trueMetastore Connection Driver : com.mysql. jdbc.Driver Metastore connection User: hive org.apache.hadoop.hive.metastore. HiveMetaException: Failed to get schema version. *** schemaTool failed ***</pre>	<p>MySQL password is 'hive123' do this from the server on which MySQL is installed:</p> <pre>mysql> create user 'hive'@'host1. hortonworks.local' identified by 'hive123'; mysql> grant ALL on hive.* to 'hive'@'revo1.hortonworks.local'; mysql> flush privileges;</pre>
	BUG-41165	<p>When installing Knox with a custom pid directory and Ambari Agents running as a non-root user, Knox fails to start with the following error:</p> <pre>File "/var/lib/ambari-agent/cache/common-services/KNOX/0.5.0.2.2/package/scripts/knox_gateway.py", line 152, in start os.unlink(params. knox_managed_pid_symlink) OSError: [Errno 13] Permission denied: '/usr/hdp/current/knox-server/pids'</pre>	<p>Remove the existing symlink and re-link it to the custom pid directory. If the custom pid directory is '/grid/0/run/knox/', this would be the proper commands to issue:</p> <pre>sudo rm /usr/hdp/current/knox-server/pids sudo ln -s /grid/0/run/knox/ /usr/hdp/current/knox-server/pids</pre>
	BUG-41009	<p>Static view instances throw a NullPointerException when attempting to access the view.</p>	<p>If you use a static <instance> in your view, you will receive a NullPointerException in ambari-server.log when attempting to use the view. You must instead use a dynamic view instance. Remove the static <instance> from your view.xml.</p>
	BUG-41044	<p>After upgrading from HDP 2.1 and restarting Ambari, the Admin > Stack and Versions > Versions tab does not show in Ambari Web.</p>	<p>After performing an upgrade from HDP 2.1 and restarting Ambari Server and the Agents, if you browse to Admin > Stack and Versions in Ambari Web, the Versions tab does not display. Give all the Agent hosts in the cluster a chance connect to Ambari Server by wait for Ambari to show the Agent heartbeats as green and then refresh your browser.</p>
AMBARI-12389	BUG-41040	<p>After adding Falcon to your cluster, the Oozie configuration is not properly updated.</p>	<p>After adding Falcon to your cluster using "Add Service", the Oozie configuration is not properly updated. After completion of Add Service wizard, add properties on Services > Oozie > Configs > Advanced > Custom oozie-site. The list of properties can be found here: https://github.com/apache/ambari/blob/branch-2.1/ambari-server/src/main/resources/common-services/FALCON/0.5.0.2.1/configuration/oozie-site.xml. Once</p>

Apache Jira	HWX Jira	Problem	Solution
			<p>added, Restart Oozie and execute this command on oozie server host:</p> <pre>su oozie -c '/usr/hdp/current/oozie-server/bin/oozie-setup.sh prepare-war'</pre> <p>Start Oozie.</p>
AMBARI-12400	BUG-41025	On a Blueprint installed cluster, when "Enable Ranger for HBASE" is selected in the "Advanced ranger-hbase-plugin-properties" section, config validation may fail with "KeyError: hbase.coprocessor.region.classes."	<p>In Services > HBase > Configs, add the following property to "Custom hbase-site". Restart HBase and then attempt to "Enable Ranger for HBASE" again.</p> <pre>hbase.coprocessor.region.classes=org.apache.hadoop.hbase.security.access.SecureBulkLoadEndpoint</pre>
	BUG-41019	Accumulo Master Start fails on secure cluster if pid and log directories for YARN and MapReduce2 are customized.	If you plan to use Accumulo and a Kerberos-enabled cluster, do not customize the pid and log directories for YARN or MapReduce2.
AMBARI-12412	BUG-41016	Storm has no metrics if service is installed via a Blueprint.	<p>The following properties need to be added to storm-site. Browse to Services > Storm > Configs and add the following properties. Restart the Storm service.</p> <pre>topology.metrics.consumer.register=[{'class': 'org.apache.hadoop.metrics2.sink.storm.StormTimelineMetricsSink', 'parallelism.hint': 1}] metrics.reporter.register=org.apache.hadoop.metrics2.sink.storm.StormTimelineMetricsReporter</pre>
AMBARI-12347	BUG-40935	AMS does not work with Kerberos enabled when in distributed mode.	<p>When AMS is configured for distributed mode and Kerberos is enabled (and a custom AMS ZooKeeper principal), you will see an error in /var/log/ambari-metrics-collector/ambari-metrics-collector.log:</p> <pre>22:36:44,699 ERROR [main] ConnectionManager \$HConnectionImplementation:879 - The node /ams-hbase-secure is not in ZooKeeper. It should have been written by the master. Check the value configured in 'zookeeper.znode.parent'. There could be a mismatch with the one configured in the master.</pre> <p>The issue is with the ZooKeeper principal generated for AMS. For example, if the principal is called <code>amszk/<HOSTNAME>@<REALM></code>, without proper ACL setup Zookeeper does not work with custom principal name. Switch to <code>u</code> anse existing keytab if present on that host or create a new keytab as <code>zookeeper/<HOSTNAME>@<REALM></code></p>
	BUG-40904	During rolling upgrade, if you browse to Services > Storm, the Quick Links are incorrect.	<p>When performing a rolling upgrade, if you browse to the Storm service, the Quick Links show the content for the YARN service instead of the Storm. Refresh your browser to have the correct Storm Quick Links display.</p>

Apache Jira	HWX Jira	Problem	Solution
AMBARI-12374	BUG-40852	Unable to start NameNode when configured for HA with HDP 2.0 cluster.	Please contact Hortonworks support and reference BUG-40852 .
	BUG-40775	If Kerberos is disabled, Accumulo tracer fails to start.	<p>If you cluster includes Accumulo and you disabled Kerberos, Accumulo tracer will fail to start with the following error:</p> <pre>resource_management.core.exceptions.Fail: Execution of 'cat /var/lib/ambari-agent/data/tmp/pass ACCUMULO_CONF_DIR=/usr/hdp/current/accumulo-tracer/conf/server /usr/hdp/current/accumulo-client/bin/accumulo shell -u root -f /var/lib/ambari-agent/data/tmp/cmds' returned 1. Password: **** 2015-07-04 05:08:44,823 [trace.DistributedTrace] INFO : SpanReceiver org.apache.accumulo.tracer.ZooTraceClient was loaded successfully. 2015-07-04 05:08:44,897 [shell.Shell] ERROR: org.apache.accumulo.core.client.AccumuloSecurityException: Error BAD_CREDENTIALS for user root - Username or Password is Invalid</pre> <p>To correct this situation, the following command must be run on one of the hosts that has an Accumulo process:</p> <pre>ACCUMULO_CONF_DIR=/etc/accumulo/conf/server accumulo init --reset-security --user root</pre> <p>It will prompt for the root user's password. The password you enter must match the Accumulo root password in Ambari's configs for Accumulo. Then Accumulo may be started normally.</p>
	BUG-40773	Kafka broker fails to start after disabling Kerberos security.	<p>When enabling Kerberos, Kafka security configuration is set and all the ZooKeeper nodes in Kafka will have ACLs set so that only Kafka brokers can modify entries in ZooKeeper. If you disable Kerberos, you user must set all the Kafka ZooKeeper entries to world readable/writable prior to disabling Kerberos. Before disabling kerberos for Kafka. Log-in as user "kafka" on one of Kafka nodes:</p> <pre>kinit -k -t /etc/security/keytabs/kafka.service.keytab kafka/_HOST</pre> <p>where _HOST should be replaced by the hostname of that node. Run the following command to open zookeeper shell:</p> <pre>/usr/hdp/current/kafka-broker/bin/zookeeper-shell.sh hostname:2181</pre> <p>where hostname here should be replaced by one of the zookeeper nodes</p>

Apache Jira	HWX Jira	Problem	Solution
			<pre>setAcl /brokers world:anyone:crdwa setAcl /config world:anyone:crdwa setAcl /controller world:anyone:crdwa setAcl /admin world:anyone:crdwa</pre> <p>If the above commands do not run prior to disabling Kerberos, the only option is to set "zookeeper.connect property" to a new ZooKeeper root. This can be done by appending "/newroot" to "zookeeper.connect.property" string. For example "host1:port1,host2:port2,host3:port3/newroot"</p>
AMBARI-12281	BUG-40769	After making a configuration change, Ambari is not prompting to restart Services.	Refresh your browser and Ambari will show a restart indicator next to the services that need to be restarted.
	BUG-40694	The Slider view is not supported on a cluster with SSL (wire encryption) enabled.	Only use the Slider view on clusters without wire encryption enabled. If it is required to run Slider on a cluster with wire encryption enabled, please contact Hortonworks support for further help.
AMBARI-12251	BUG-40651	When viewing the Widgets browser, scrollbars are shown around the widget descriptions.	This is normal and can occur if you are using a browser on Linux since scrollbars are not hidden by default on some Linux X Window systems.
AMBARI-12282	BUG-40615	When changing JDK to Oracle JDK 1.8 option during setup, the JDK is not automatically installed on all hosts.	If you attempt to change the Ambari JDK setup (after you have already configured the JDK previously) and choose Option 1 to automatically download + install the Oracle JDK 1.8, the JDK is not automatically installed on all hosts. You must manually download and configured Oracle JDK 1.8 on all hosts to match that of the Ambari Server.
	BUG-40541	If there is a trailing slash in the Ranger External URL the NameNode will fail to startup.	Remove the trailing slash from the External URL and and start up the Name Node.
AMBARI-12436	BUG-40481	<p>Falcon Service Check may fail when performing Rolling Upgrade, with the following error:</p> <pre>2015-06-25 18:09:07,235 ERROR - [main:] ~ Failed to start ActiveMQ JMS Message Broker. Reason: java.io.IOException: Invalid location: 1:6763311, : java.lang. NegativeArraySizeException (BrokerService:528) java.io.IOException: Invalid location: 1:6763311, : java.lang. NegativeArraySizeException at org.apache.kahadb. journal.DataFileAccessor. readRecord(DataFileAccessor. java:94)</pre> <p>This condition is rare.</p>	<p>When performing a Rolling Upgrade from HDP 2.2 to HDP 2.3 and Falcon Service Check fails with the above error, browse to the Falcon ActiveMQ data dir (specified in falcon properties file), remove the corrupted queues, and stop and start the Falcon Server.</p> <pre>cd <ACTIVEMQ_DATA_DIR> rm -rf ./localhost cd /usr/hdp/current/falcon-server su -l <FALCON_USER> ./bin/falcon-stop ./bin/falcon-start</pre>
	BUG-40323	After switching RegionServer ports, Ambari will report RegionServers are live and dead.	HBase maintains the list of dead servers and live servers according to it's semantics. Normally a new server coming

Apache Jira	HWX Jira	Problem	Solution
			up again with the same port will cause the old server to be removed from the dead server list. But due to port change, it will stay in that list for ~2 hours. If the server does not come at all, it will still be removed from the list after 2 hours. Ambari will alert, based on that list until the RegionServers are removed from the list by HBase.
AMBARI-12283	BUG-40300	After adding or deleting ZooKeeper Servers to an existing cluster, Service Check fails.	After adding or deleting ZooKeeper Servers to an existing cluster, Service Check fails due to conflicting zk ids. Restart ZooKeeper service to clear the ids.
AMBARI-12179	BUG-39646	When Wire Encryption is enabled, the Tez View cannot connect to ATS with a Local Cluster configuration.	If you configure the Tez View using the Local Cluster configuration, the view reads the "yarn.timeline-service.webapp.address" property to determine the ATS URL. When Wire Encryption is enabled, the view should read "yarn.timeline-service.webapp.https.address" instead. Because of this, the Tez View will not load the Tez job information and you will see an error in the view "Connection Refused". You cannot use Local Cluster configuration option and must manually enter the ATS Cluster configuration information when creating the view if Wire Encryption is enabled. Be sure to use the value from "yarn.timeline-service.webapp.https.address" for the YARN Timeline Server URL.
AMBARI-12284	BUG-39643	After enabling Kerberos, Spark History Service fails to establish long-lived secure connection to YARN.	From Ambari Web, browse to Services > Spark > Configs and set "spark.history.kerberos.enabled" to "true" in spark-defaults.conf configuration. Restart the Spark service.
	BUG-38643	Storm ZooKeeper Servers property is not updated after deleting ZooKeeper instances.	After deleting a ZooKeeper Server instance, Ambari does not update the storm.zookeeper.servers property for Storm. From Ambari Web, browse to Services > Storm > Configs and filter for the "storm.zookeeper.servers" property. Update the property in storm-site to remove the recently deleted ZooKeeper Server from the list.
	BUG-38640	When running Ambari Server as non-root, kadmin couldn't open log file.	When running Ambari Server as non-root, when enabling Kerberos, if kadmin fails to authenticate, you will see the following error in ambari-server.log if Ambari cannot access the kadmin.log. <pre>STDERR: Couldn't open log file / var/log/kadmin.log: Permission denied kadmin: GSS-API (or Kerberos) error while initializing kadmin interface</pre> <p>To avoid this error, be sure the kadmin.log file has 644 permissions.</p>

Apache Jira	HWX Jira	Problem	Solution
	BUG-38000	User Views (Files, Hive and Pig) fail to load when accessing a Kerberos-enabled cluster.	See the Ambari Views Guide for more information on configuring your cluster and the User Views to work with a Kerberos-enabled cluster, including setting-up Ambari Server for Kerberos and having Ambari Server as a Hadoop proxy user.
HADOOP-11764	BUG-33763	YARN ATS server will not start if /tmp is set to noexec.	You must specify a different directory for LevelDB (which is embedded in the ATS component) to use when generating temporal info. This can be done by adding the following information to the hadoop-env.sh configuration: <pre>export JAVA_LIBRARY_PATH= "\${JAVA_LIBRARY_PATH}:/tktest" export _JAVA_OPTIONS= "\${_JAVA_OPTIONS} -Djava.io. tmpdir=/tktest"</pre>
	BUG-33557	With a Kerberos-enabled cluster that includes Storm, in Ambari Web > Services > Storm, the Summary values for Slots, Tasks, Executors and Topologies show as "n/a". Ambari Server log also includes the following ERROR: <pre>24 Mar 2015 13:32:41, 288 ERROR [pool-2-thread-362] AppCookieManager:122 - SPNego authentication failed, cannot get hadoop.auth cookie for URL: http://c6402.ambari.apache. org:8744/api/ v1/topology/summary?field= topologies</pre>	When Kerberos is enabled, Storm API requires SPNEGO authentication. Refer to the Ambari Security Guide to Set Up Ambari for Kerberos to enable Ambari to authenticate against the Storm API via SPNEGO.
	BUG-33516	Ranger service cannot be installed in a cluster via Blueprints API.	You must first create your cluster (via Install Wizard or via Blueprints) and then add Ranger service to the cluster.
	BUG-32381	When using an Agent non-root configuration, if you attempt to register hosts automatically using SSH, the Agent registration will fail.	The option to automatically register hosts with SSH is not supported when using a Agent non-root configuration. You must manually register the Agents.
	BUG-32284	Adding client-only services does not automatically install component dependencies.	When adding client-only services to a cluster (using Add Service), Ambari does not automatically install dependent client components with the newly added clients. On hosts where client components need to be installed, browse to Hosts and to the Host Details page. Click + Add and select the client components to install on that host.
	BUG-28245	Attempting to create a Slider app using the same name throws an uncaught JS error.	After creating (and deleting) a Slider app, then attempting to create a Slider app again with that same name results in an uncaught error. The application does not show up in the Slider app list. Refresh your browser and the application will be shown in the list table.
AMBARI-12005	BUG-24902	Setting cluster names hangs Ambari.	If you attempt to rename a cluster to a string > 100 chars, Ambari Server will hang. Restart Ambari Server to clear the hang.

1.5. Fixed Issues

The following sections list selected issues resolved in Ambari 2.1.

- [Potential Data Loss](#)
- [Stability](#)
- [Security](#)
- [Upgrade](#)
- [Usability](#)
- [Performance](#)
- [Other](#)

1.5.1. Potential Data Loss

Apache Jira	HWX Jira	Summary
AMBARI-8320	BUG-35114	configs.sh doConfigFileUpdate fails when multiple occurrences of word "properties" found
AMBARI-11139	BUG-35208	NPE when setting desired config via REST API
AMBARI-11843	BUG-37734	Host config groups are lost
AMBARI-12252 , AMBARI-7506	BUG-10982	Ambari DataNode shouldn't create dfs.data.dir paths after installation when path becomes unmounted

1.5.2. Stability

Apache Jira	HWX Jira	Summary
AMBARI-8768	BUG-35084	Ambari agent Heartbeat lost when df hangs (NFS gateway), also prevents proper re-initialization of agent upon restart
AMBARI-9047	BUG-26995	Validation missing on Service config related to JVM.
AMBARI-9197	BUG-30646	Operations hang on Ambari Server when tasks are timing out.
AMBARI-9585	BUG-31362	Ambari does not upload Tez tarball to HDFS when Tez is installed
AMBARI-9823	BUG-30278	Alert Notifications Are Not Received Without Restarting Ambari Server
AMBARI-9849	BUG-32265	.log Files are not placed in the changed directory in Ambari 1.6 and 1.7
AMBARI-10256	BUG-25404	Unable to delete HBase Master
AMBARI-10310	BUG-33963	'Supervisor Process' alert after changing -Dcom.sun.management.jmxremote.port
AMBARI-10311	BUG-33961	Changing templeton port results in Hive Service check failure
AMBARI-10317	BUG-34051	Knox gateway fails to restart on Ubuntu 12.04 after system restart because /var/run/knox is deleted
AMBARI-10360	BUG-33767	Hiveserver2 fails to start when databases exist with LOCATION's outside of hive.metastore.warehouse.dirs
AMBARI-10397	BUG-33827	Raw number password for ranger results in failure
AMBARI-10412	BUG-34135	Exceptions in ambari-server log
AMBARI-10417	BUG-34790	Flume fails to restart on ubuntu 12.04 after system restart because /var/run/flume is deleted
AMBARI-10451	BUG-34310	Stack Validator skips hbase-env, fails when HBase properties hbase_master_heapsize or hbase_regionserver_heapsize are added to both hbase-env and hbase-site - returns 500 error

Apache Jira	HWX Jira	Summary
AMBARI-10464	BUG-34323	Ambari Agent holding socket open on 50070 prevents NN from starting
AMBARI-10568	BUG-33842	Rolling Restart: batch size is fixed and cannot be changed
AMBARI-10657	BUG-33211	Ambari restart/stop operation loses control of Flume agents
AMBARI-10661	BUG-33474	Oozie service check fails after Moving Oozie server
AMBARI-10665	BUG-33337	Internal Exception: org.postgresql.util.PSQLException: ERROR: column "config_attributes" does not exist
AMBARI-10707	BUG-34631	AMS does not work with NN HA in AMS distributed mode
AMBARI-10819	BUG-31097	Ambari bootstrap: Premature Agent shutdown may lead to Agent stall
AMBARI-10841	BUG-35470	If selinux is disabled via /etc/selinux/config, cluster deployment fails
AMBARI-10965	BUG-36160	Views: ViewContext is not injecting
AMBARI-11045	BUG-36433	IllegalStateException: Work already begun on this thread.
AMBARI-11207	BUG-33960	Delete cluster issue caused by Issues with "Test DB Connection" in HiveServer2 Move Master Wizard patch
AMBARI-11323	BUG-32300	Enable NameNode HA Wizard: Call to install JOURNALNODE failed
AMBARI-11571	BUG-37675	Move NameNode with AMS in distributed mode - AMS stop hung, had to manually kill AMS

1.5.3. Security

Apache Jira	HWX Jira	Summary
AMBARI-9862	BUG-31694	Keytab field is not shown correctly
AMBARI-10020	BUG-32843	Ambari Server sync-ldap not pulling in group membership
AMBARI-10094	BUG-33203	Kerberos: disable edit on generated ambari principal and keytab configs
AMBARI-10095	BUG-33221	HiveServer2 does not install/start when running w/o sudo
AMBARI-10162	BUG-33416	Host registration ssh with sudo user + 027 does not work on ubuntu
AMBARI-10176	BUG-33208	Storm service check failed after disabling security
AMBARI-10200	BUG-31144	Storm secure config not visible through Ambari storm config UI
AMBARI-10236	BUG-33726	Principal and Keytab configuration specifications are ignored when disabling Kerberos
AMBARI-10266	BUG-33768	Cannot enable kerberos with Ambari server running non-root
AMBARI-10305	BUG-33872	Kerberos: during disable, need option skip if unable to access KDC to remove principals
AMBARI-10400	BUG-34054	Handle no "sudo -E" environments
AMBARI-10402	BUG-32940	Ambari does not setup YARN NMs correctly with LinuxContainerExecutor in insecure mode
AMBARI-10415	BUG-33501	Sometimes Datanode start fails when using non-default umask
AMBARI-10416	BUG-33867	Allow Ranger usersync process to be run as ranger (non-root user)
AMBARI-10452	BUG-31780	Ambari unable to start services using non-default kinit_path_local
AMBARI-10461	BUG-33568	Spark History Server does not start with non-root agent
AMBARI-10507	BUG-34801	Local root user's group being assigned to hadoop
AMBARI-10513	BUG-31217	ambari-server sync-ldap fails if there are too many users in the LDAP server (more than 1000?)
AMBARI-10520	BUG-34816	Remove automatedKerberos experimental, on by default
AMBARI-10535	BUG-33318	"Regenerate Keytabs" should restart services when complete
AMBARI-10690	BUG-35206	HBase Ranger plugin fails to install with non-root agent
AMBARI-10692	BUG-35311	Hdfs Ranger plugin fails with non-root agent
AMBARI-10773	BUG-35542	Hive Ranger plugin fails to install with non-root agent

Apache Jira	HWX Jira	Summary
AMBARI-10787	BUG-35622	Knox,Storm Ranger plugins fail to install with non-root agent
AMBARI-11029	BUG-32772	Kerberos Wizard: Hide create_attributes_template when not configuring for Active Directory
AMBARI-11081	BUG-35695	Kerberos: option to skip "Install and Test Kerberos Client" step on error
AMBARI-11157	BUG-33132	Add host kerberos client install does not have command text
AMBARI-11179	BUG-33200	Kerberos: Oozie auth rules do not look correct
AMBARI-11360	BUG-34057	Kerberos FE: during disable, need option skip if unable to access KDC to remove principals
AMBARI-11362	BUG-37678	Kerberos: Creating principals in AD when special characters are involved causes failures
AMBARI-11372	BUG-37792	JMX Metric monitoring is broken on a cluster secured with HTTP SPNEGO (2.1)
AMBARI-11372	BUG-37788	NN and YARN HA, doesn't show active/standby status on UI, for cluster secured with HTTP SPNEGO (2.1)
AMBARI-11372	BUG-37166	Namenode HA monitoring broken on cluster secured with HTTP SPNEGO (2.1)
AMBARI-11394	BUG-35160	Nothing happens when clicking Next on the second page of Security Wizard
AMBARI-11396	BUG-35699	Kerberos: UI shows Kerberize Cluster step as failed with a retry button, but the backend keeps moving forward to Kerberize the cluster
AMBARI-11590	BUG-37772	Kerberos: provide option to set test account name
AMBARI-11646	BUG-36755	Need option to not override local uid
AMBARI-11647	BUG-38452	Non-root Agent: Kerberos Wizard - Check Kerberos fails during Test Kerberos Client
AMBARI-11687	BUG-33935	Kerberos: Force principal names to resolve to lowercase lower usernames in auth-to-local default rules
AMBARI-11694	BUG-35361	After enabling Kerberos via the REST API, the Ambari UI behaves as if the cluster is not Kerberized
AMBARI-11752	BUG-37768	Kerberos: adjust ambari headless principals for unique names
AMBARI-11754	BUG-38753	YARN local usercache is chown'd as user YARN when cluster is in secure mode
AMBARI-11780	BUG-38901	Ambari creation of oozie/conf/adminusers.txt breaks oozie role separation for Kerberos
AMBARI-11882	BUG-39372	Kerberos: Oozie auth rules do not look correct
AMBARI-11947	BUG-39028	ambari-agent 2.0.1 overwrites /etc/sudoers.d/ambari-agent if it exists
AMBARI-11948	BUG-38138	If couple of users have the same UID as root (or Ambari user) ambari-agent fails to start
AMBARI-11960	BUG-38393	Starting ambari server non-root fails, umask 027, does not set JDK + JCE files to 644
AMBARI-12102	BUG-33239	Remove general purpose proxy endpoint and add checks for View proxy endpoints
AMBARI-12156	BUG-40235	Kerberos: prompts for HDFS ambari principals w/o hdfs in cluster
AMBARI-12180	BUG-40426	Enabling Kerberos on cluster with AMS and no HDFS fails
AMBARI-12276	BUG-40656	Oozie running with pig fail to renew JHS delegation token when RU because JHS recovery is not enabled

1.5.4. Upgrade

Apache Jira	HWX Jira	Summary
AMBARI-10151 , AMBARI-9934	BUG-30948	Deregister Stack Version error if it has been already INSTALLED or INSTALL_FAILED on some cluster
AMBARI-10173	BUG-33247	RU: Wizard does not show up in UI when triggered by API
AMBARI-10285	BUG-32748	Storm Shows An Alert for REST_API Component After Stack Upgrade
AMBARI-10313	BUG-33376	RU: Replacement text not seen in pre-req check
AMBARI-10331	BUG-33897	BE issue: install repo version is stuck in INSTALLING after sudden server restart
AMBARI-10349	BUG-33377	RU: Block users from installing a Version with the same existing Version

Apache Jira	HWX Jira	Summary
AMBARI-10356	BUG-34123	Ambari Upgrade from 1.6.1 to 1.7.0 fails when analyzing global config groups with certain data
AMBARI-10363	BUG-33103	RU:Status bar shows installing when no install is in progress
AMBARI-10436	BUG-33117	RU - Fails if in Oozie if hadoop-lzo codec is enabled after version bits have been distributed
AMBARI-10440	BUG-34122	Manual RU - Client-only services need restart to advertise version
AMBARI-10467	BUG-34656	UPGRADE: Due to changes in Ambari API some response validations should be allowed with warning message
AMBARI-10566	BUG-33790	Ambari Upgrade from 1.7.0 to 2.0.0 fails to restart ZK server due to missing symlink
AMBARI-10575	BUG-34752	RU: Oozie upgrade fails when using oracle DB
AMBARI-10706	BUG-34777	UPGRADE: Update UpgradeCatalog-*.json files for stacks HDP 2.0 to 2.2.x and 2.1 to 2.2.x
AMBARI-10706	BUG-34398	hiveserver2-site needs to be created on Ambari upgrade to 2.0
AMBARI-10731	BUG-34937	RU - Install repo should batch the distribution of bits to prevent a Denial-of-Service attack
AMBARI-10742	BUG-34793	RU: HiveServer2 Cannot Deregister During Upgrade Due To Config Path Missing
AMBARI-10771	BUG-34195	Agent upgrade loses custom hostname config
AMBARI-10786	BUG-35301	Rename of ambari_sequences.sequence_value handled inappropriately during Upgrade
AMBARI-10818	BUG-35287	Hit re-install when performing an RU - UI seems to have stuck at installing even though the request has completed
AMBARI-10879	BUG-34955	If hostname used by agents is upper-case or mixed-case then upgrading to Ambari-2.0 may create issues
AMBARI-11073	BUG-35282	RU: Should not complain about decommissioned components
AMBARI-11083	BUG-36593	Upgrade 1.6.1 -> 2.0.1 - nagios not removed
AMBARI-11163	BUG-36833	Some upgrade paths are not using su with correct parameters
AMBARI-11236	BUG-34800	RU: Clarify Prerequisite Check for Service and MM details
AMBARI-11300	BUG-36791	RU: After installing new packages, 'Reinstall Packages' button is present on UI
AMBARI-11306	BUG-36054	RU fails in Tez Service Check, Incompatible versions found, wrong version of tez.tar.gz uploaded to HDFS
AMBARI-11370	BUG-37698	Agent configs upgrade fails on upgrade 1.6.0 -> 2.0.1
AMBARI-11501	BUG-37725	HBase does not start after Kerberization (AMS on distributed mode + HBase + Kerberos)
AMBARI-11504	BUG-37709	Add changes for alert definitions in UpgradeCatalog210.java
AMBARI-11596	BUG-36935	RU operations get aborted, must proceed with manual upgrade
AMBARI-11672	BUG-38333	Ambari 2.0.1 server doesn't start after upgrade from HDP 2.1.7 to 2.2.4
AMBARI-11695	BUG-37266	Ambari RU should not perform 'yum install krb5-server' on ALL nodes during installing packages
AMBARI-11728	BUG-35428	Upgrade Ambari from 1.7 to Ambari 2.0. I'm on HDP 2.2.0.0, but the version is not showing up in the Stacks and Versions page.
AMBARI-11939	BUG-38855	RU Finalize Later: should return ops control to the user until they decide to "finalize" or "downgrade"
AMBARI-11943	BUG-38448	RU: UI must retry ABORTED upgrades
AMBARI-11950	BUG-39494	Cannot reinstall components that are in INSTALL_FAILED state via API
AMBARI-12101	BUG-37908	Ambari : upgrading from 2.0.0 to 2.0.1 wipes out the added service folder on the stack.
AMBARI-12169	BUG-39202	Ambari RU doesn't work with Redhat satellite
AMBARI-12230	BUG-39809	During HDP 2.1 to 2.2.6 upgrade dfs.journalnode.edits.dir is incorrectly changed
AMBARI-12232	BUG-40390	upgradeHelper for a 2.1 -> 2.2 upgrade leaves Resource Manager unusable

Apache Jira	HWX Jira	Summary
AMBARI-12278	BUG-40646	Pre RU - install failed and attempts to re-install continue to fail

1.5.5. Usability

Apache Jira	HWX Jira	Summary
AMBARI-7123	BUG-21352	BE: Validation ERROR should be generated for missing configs
AMBARI-8990	BUG-28696	Hosts Page: Link for clearing filter is being shown even when none of the filter is active
AMBARI-9778	BUG-30728	In cluster layout recommendation, slave component cardinality of 0+ not being used
AMBARI-9790	BUG-32063	Incorrect oozieserver_host and Knox_gateway_host initial values
AMBARI-9868	BUG-27371	No feedback is shown for bulk start/stop operations if the target host components are already started/stopped
AMBARI-9924	BUG-32051	Alerts popup: status tooltip doesn't appear after a few seconds
AMBARI-9942	BUG-32569	Copy pasting Ambari Web's location URL does not always navigate to the viewPath on Firefox
AMBARI-9960	BUG-22794	Confusing UX: Restart All after config change isn't really Restart All
AMBARI-9969	BUG-32190	Complete button to be enabled even if Start Services fails in Move Master, Disable Security and Enable HA wizard
AMBARI-9996	BUG-31986	Install wizard: nothing to do on 'Assign Slaves and Clients' step if only Knox is selected to install
AMBARI-10012	BUG-32139	Slider View. UI can't recreate new app with same name (page refresh fixes the issue)
AMBARI-10014	BUG-31559	Do not pick up /boot and /mnt for suggesting directories
AMBARI-10045	BUG-33023	Host detail page: Component action button isn't disabled while it's action list is empty
AMBARI-10078	BUG-32243	Config History table: issues with filtering and sorting
AMBARI-10080	BUG-32855	After adding a HS2 instance properties are modified unnecessarily
AMBARI-10110	BUG-32149	Tooltip on Dashboard is not disappearing
AMBARI-10131	BUG-33385	Host details: No dependency check before adding/installing components
AMBARI-10134	BUG-26904	Install Wizard: Install, Start and Test page shows Views icon in top nav, but it is not functional (clicking does nothing)
AMBARI-10139	BUG-32052	Service alerts popup: status label has redundant tooltip
AMBARI-10150	BUG-32723	tez missing from exectype in pig-properties
AMBARI-10175	BUG-32554	Repo URL containing a ":" with no port number causes failed SSH Agent reg to fail
AMBARI-10184	BUG-29696	Admin View: property validation needs to show for instance invalid
AMBARI-10185	BUG-29780	Incorrect order of services in IE10 after adding AMS
AMBARI-10199	BUG-33555	Config History table: text filters not working after typing '?' character
AMBARI-10203	BUG-33463	Add host: Install Options step is active during registering and check host
AMBARI-10237	BUG-33687	'Reload Page' popup issues: multiple instances, broken reload link, displaying popup after connection is established
AMBARI-10247	BUG-33394	Usability: Cannot click Next after removing hosts that failed registration
AMBARI-10250	BUG-33399	Views: Property validation not fully works during editing
AMBARI-10251	BUG-33424	Admin View: clicking outside of change user status confirmation should revert toggle
AMBARI-10252	BUG-33746	Alert Definitions table: no tooltip over State value after it's toggled
AMBARI-10276	BUG-34075	Retry button is missing when host agent registration fails
AMBARI-10282	BUG-33798	Add missing Oozie dependency on hive-site, tez-site
AMBARI-10294	BUG-33778	Usability: bootstrapping hosts shows "Preparing" without any information and seems stuck

Apache Jira	HWX Jira	Summary
AMBARI-10297	BUG-33711	Hosts List Actions list always shows one more than what is selected
AMBARI-10370	BUG-27246	Slider View: Support multiple versions of the same app
AMBARI-10399	BUG-34143	Typo in stack advisor output when not enough memory is available
AMBARI-10705	BUG-30538	When using GPL partitions ambari can choose /boot/efi as a default
AMBARI-10809	BUG-29966	AMS: navigating graph time ranges are not correct
AMBARI-10956	BUG-35740	"Loading latest" log entry should include info about stack and version
AMBARI-11028	BUG-32143	Slider View. 'Null' in error-message
AMBARI-11105	BUG-36402	yarn.resourceanager.zk-address is not updated when adding/removing ZKs
AMBARI-11178	BUG-36249	List of components which need restart have not refreshed after restart
AMBARI-11187	BUG-35162	Y-axis label is cut off or not shown at all in the dashboard / widget graphs
AMBARI-11293	BUG-34444	Spark quick link for History Server opens in same window, not new tab
AMBARI-11531	BUG-32310	Can't download client configs for Spark
AMBARI-11566	BUG-37685	Alert Definition Source Field Has Numerical Values Converted To Strings On Creation Or Update
AMBARI-11724	BUG-38139	Config validation fails if no Host Components mapped
AMBARI-11762	BUG-37831	Alerts: alert not triggered when ZKFC is down
AMBARI-11821	BUG-38836	With HBase master HA Ambari sometimes displays incorrect dashboard information
AMBARI-11827 , AMBARI-12097	BUG-40016	Ambari Stack - Download client config fails
AMBARI-11858	BUG-38936	Ambari web UI keeps challenging users to re-log in
AMBARI-12233	BUG-40633	Custom actions do not allow max time out higher than 10 minutes

1.5.6. Performance

Apache Jira	HWX Jira	Summary
AMBARI-10279	BUG-32710	Perf-cluster: Disable controls while call in pending
AMBARI-10456	BUG-34558	Ambari Server Deadlock When Mapping Hosts
AMBARI-10738 , AMBARI-11588	BUG-35408	NPE on desiredStateEntity from different stack traces in ServiceComponentHostImpl (while trying to Kerberize/Unkerberize, but happens in other scenarios; seems to be related to having a large number of hosts in the cluster)
AMBARI-10829	BUG-35689	ATS heapsize does not take effect
AMBARI-10954	BUG-36071	Configs: HBase logging is set to DEBUG by default
AMBARI-10992	BUG-35859	Ambari 2.0 is too slow to start/restart components
AMBARI-11194	BUG-36909	Stack advisor fails for larger clusters
AMBARI-11242	BUG-37101	Every minute Ambari agent freezes for 10-15 seconds while executing status commands
AMBARI-11383	BUG-37399	Enable async audit log and unfair lock by default in HDP
AMBARI-11413	BUG-34721	Ambari Web is sluggish, especially on Hosts page, with 1300 nodes in the cluster
AMBARI-11730	BUG-38582	When adding one host, the UI seems to be sending a request to add lot more
AMBARI-11744	BUG-37056	Ambari Server deadlocks when adding service / adding host
AMBARI-11850	BUG-38791	Blueprint export API hangs (no response after 15 mins)
AMBARI-11992	BUG-39662	Hosts page responsiveness is severely impacted when metrics API responses are slow
AMBARI-12019	BUG-39866	HBase metrics for regions/tables/regionserver are enabled by default and causes problems
AMBARI-12301	BUG-40784	Ambari Metrics Monitor process increasing uses more and more CPU when Collector is down

1.5.7. Other

Apache Jira	HWX Jira	Summary
AMBARI-9716	BUG-30786	HostCleanup.py doesn't clean everything
AMBARI-9959	BUG-32220	JS error after opening popup with hosts to add to config group
AMBARI-10129	BUG-31503	Pig Client needs Tez Client on same host, ambari web need to update HostRoles it sends
AMBARI-10181	BUG-33461	Hosts page: JS error after deleting host
AMBARI-10299	BUG-33642	Unable to save SNMPv1 and SNMPv2c notifications
AMBARI-10323	BUG-33991	Alerts: Hive Metastore And HS2 Process Alerts Do Not Work With Custom Smoke User
AMBARI-10411	BUG-28356	Monarch: Blueprints: Yarn ResourceManager HA config properties not exported properly
AMBARI-10435	BUG-34288	Set default cardinality for ComponentInfo if not specified in metainfo.xml
AMBARI-10441	BUG-33985	Alerts explanation text cannot be seen in its entirety - should be wider/scrollable
AMBARI-10470	BUG-34280	Alert Notifications : save button is disabled when creating alert notification
AMBARI-10608	BUG-31721	Alerts: nodemanager health is critical, response is not clear
AMBARI-10622	BUG-34695	Add daily aggregation to AMS (useful for reporting over months of data)
AMBARI-10748	BUG-34912	Views: IllegalAccessError: tried to access class
AMBARI-10796	BUG-33373	Hive Metastore alert timeout
AMBARI-10860	BUG-35116	Missing configs in mapreduce.application.classpath
AMBARI-10882	BUG-35478	Allow NFS mounts to be skipped during agent health check
AMBARI-10897	BUG-34437	Spark version is incorrect in HDP 2.2 stack
AMBARI-10953	BUG-33684	Hive Server 2 Process Check Should Always Use Beeline Instead of TCP Sockets
AMBARI-11030	BUG-34265	Queue-specific metrics cannot be queried as time series data via Ambari API
AMBARI-11091	BUG-35882	unable to see complete non-master node name at step 6 (Assign Slaves and Clients) if more than 23 characters
AMBARI-11251	BUG-36904	serverUtils.py is not using customized client.api.port in ambari.properties
AMBARI-11260 , AMBARI-11408	BUG-36972	Cluster aggregate metric graphs Network Usage, Memory Usage, and Cluster Load are showing averages, not sum (change in behavior from 1.7.0)
AMBARI-11308	BUG-34035	Blueprints: Oozie HA Zookeeper property is not properly exported
AMBARI-11320	BUG-31812	Issues with Hive/Oozie database properties and Blueprint cluster install
AMBARI-11599	BUG-37431	/usr/bin/ambari-server.py always returns RC 0
AMBARI-11658	BUG-38551	Add Service Wizard resets local hdp repo to public repo
AMBARI-11665	BUG-38574	AMS : IllegalArgumentException populating metrics for host with no cluster association
AMBARI-11775	BUG-34470	Threading Can Cause Aggregate Alerts To Have Duplicate Alert Entries With Different States
AMBARI-11885	BUG-38095	Storm supervisors deployed by Ambari use storm-client link
AMBARI-12053	BUG-39968	HDP 2.1 repo url in Ambari is broken - points to 2.3 stack instead