Hortonworks Data Platform

Ambari 2.1.2.1 Release Notes

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Hortonworks Data Platform: Ambari 2.1.2.1 Release Notes

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Table of Contents

List of Tables

1. Release Notes Ambari - 2.1.2.1

RELEASE NOTES: Apache Ambari 2.1.2.1

The Ambari 2.1.2.1 Release Notes summarize and describe the following information released in Ambari 2.1.2.1.

• Behavioral Changes [1]

• Patch Information [2]

• Common Vulnerabilities and Exposures [3]

• Known Issues [3]

• Fixed Issues [6]

1.1. Behavioral Changes

Ambari 2.1.2.1 includes the following behavioral changes.

Table 1.1. Ambari 2.1.2.1 Behavioral Changes

Apache Jira	HWX Jira	Title	Description
AMBARI-13241 AMBARI-13251	BUG-45125	DataNode Mount Directory List	The hadoop-env/dfs.datanode.data.dir.mount.file configuration property is no longer customizable from Ambari. The original default value of "/etc/hadoop/conf/dfs_data_dir_mount.hist" is now "/var/lib/ambari-agent/data/datanode/dfs_data_dir_mount.hist", which is not customizable. On Ambari Agent upgrade, Ambari will automatically move the file from "/etc/hadoop/conf/dfs_data_dir_mount.hist" to "/var/lib/ambari-agent/data/datanode/dfs_data_dir_mount.hist". If you have not modified this configuration property, no action is required. If you had previously modified this value, after upgrading to Ambari 2.1.2.1, you must restart your DataNodes for the file to written to be the new location.
AMBARI-12901 AMBARI-13062	BUG-42230	Kerberos: Storm Headless Principal	The Ambari "headless" principal for Storm now includes ${cluster-name} by default. Be sure to check the Ambari Principal names (on the Configure Identities step) when enabling Kerberos.
AMBARI-13067	BUG-43905	Kafka Rolling Restart Action	Kafka Service Actions include an option for Rolling Restart of Kafka Brokers. This should be used in lieu of Restart All, which can result in Brokers failing to elect a leader while stopping.
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

Apache Jira	HWX Jira	Title	Description
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 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.
		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.

1.2. Patch Information

Ambari 2.1.2.1 is based on Apache Ambari 2.1.2 and the following patches:

Table 1.2. Apache Ambari 2.1.2.1 Patches

Apache Jira	Description
AMBARI-13335	Install package command during RU should honor excluded packages.
AMBARI-13307	Agent instance memory footprint growing.
AMBARI-13358	Ganglia errors after upgrade.
AMBARI-13325	HBase bucket cache set incorrectly after upgrade.
AMBARI-13345	HDFS API utility needs to work with WASB.
AMBARI-13254	Component filters work incorrectly on Hosts page.
AMBARI-13371	Unable to add Nimbus component with HA enabled.

Apache Jira	Description
AMBARI-13391	Long API query should be in request body.
AMBARI-13403	Build 4 digit RPMs.
AMBARI-13354	Ambari is not able to run Oozie Server which configured with different username than oozie.
AMBARI-13410	Ambari-metrics-common rpm doesn't contain build number.
AMBARI-13459	Hive Metastore Upgrade Retry Fails Because Of Driver Copy Issue.
AMBARI-13343	Ambari Hive View should be able to talk HTTP to HS2.
AMBARI-13463	Auto start should allow selection of components that can be auto-started.
AMBARI-13212	There is no need to put 700 for /user/hive directory, or at least make it configurable.
AMBARI-13478	Upgrade path on ORA 1.6.1 > 2.0.1 > 2.1.1
AMBARI-13521	Allow Monitors/Agents to be configured to communicate with a collector that is behind a VIP.
AMBARI-13529	Service Checks fail after PHD-Ambari 1.7.1 to 2.1.2 upgrade.
AMBARI-13411	Problem in precision handling of metrics returned by AMS.
AMBARI-13561	RU: Hive Metastore restart failed.
AMBARI-13560	Ambari server Deadlock on View deploy.
AMBARI-13572	Allow snapshots/backups to be skippable when doing RU.
AMBARI-13592	Create auto instance of Hive View similar to Tez and YARN views.
AMBARI-13627	Security cannot be enabled on cluster with MOTD for "su".
AMBARI-13629	Oozie service have required, empty configs:oozie.authentication.kerberos.name.rules (after upgrade from 2.1.1 to 2.1.2.1).
AMBARI-13575	Hive View query error, should use GetOperationStatus thrift api to verify if hive query is completed successfully.
AMBARI-13599	Pig View - Service "storage" check Failed - Internal Exception: java.sql.SQLSyntaxErrorException: ORA-00972: identifier is too long.
AMBARI-13645	HAWQ service requires additional HDFS config properties to be defined.
AMBARI-13533	Enable JDK download for PHD Ambari distribution.

Table 1.3. Apache Ambari 2.1.2 Patches

Apache Jira	Description
AMBARI-13291	JPA Threads Stuck In ConcurrencyManager Freezes Ambari
AMBARI-13269	Ambari map/reduce/AM java opts do not change if memory settings are modified
AMBARI-13270	Service tabs are not visible on Customize service page
AMBARI-13265	[PluggableStackDefinition] Update templates and shell scripts
AMBARI-13264	Sometimes properties are missing on config tab while adding Ranger

1.3. Common Vulnerabilities and Exposures

Ambari 2.1.2.1 includes no new fixes for information-security **Common Vulnerabilities and Exposures** (CVEs)

For CVEs fixed to date, see Fixed in Ambari 2.1.2.

1.4. Known Issues

Ambari 2.1.2.1 has the following known issues, scheduled for resolution in a future release. Also, refer to the Ambari Troubleshooting Guide for additional information.

Table 1.4. Ambari 2.1.2.1 Known Issues

Apache Jira	HWX Jira	Problem	Solution
	BUG-47666	SNMPv3 is not supported.	The SNMPv3 notification method is not supported.
	BUG-47104	Tez service check fails after enabling RM HA, after upgrade to 2.1.2.1. After upgrading to Ambari 2.1.2.1, Tez service check may fail with the following errors "No tez jars found in configured locations. Ignoring for now. Errors may occur" and/or "Could not connect to AM, killing session via YARN". This happens because the Tez libs jar is not copied to the FS.	**Install Tez Client on the HistoryServer host**. Important: Ensure that Tez Client component is installed on the host that has the MR HistoryServer. **Restart HistoryServer** and it will upload the Tez libs tarball.
	BUG-46885	After moving the Oozie Server via Ambari, Oozie may not function properly if the service account name for Oozie Server is not the default user "oozie".	If you are using a non-default Oozie service account name, you need to go to **Services > HDFS > Configs > Custom core-site** and set hadoop.proxyuser.**<OOZIE_USER>**.hosts (where **<OOZIE_USER>** is the custom Oozie service account name) to the FQDN of the new host where the Oozie Server is running. Save the HDFS configuration and restart Services as normal.

	BUG-45324	When Ambari is using Oracle DB and performing a manual HDP 2.2 -> 2.3 upgrade, the Set Current step of upgrade fails.	You must copy the Oracle JDBC driver JAR into the Ambari Server library directory.
			
			`cp /var/lib/ambari-server/ resources/ojdbc6.jar /usr/lib/ ambari-server`
			
			Otherwise, you will see an error in ambari-server.log when running upgradestack:
			
			`29 Sep 2015 10:51:29,225 ERROR main DBAccessorImpl:102 - Error while creating database accessorjava.lang. ClassNotFoundException: oracle.jdbc.driver.OracleDriver`
			
			After copying the Oracle JDBC drive JAR in place, re-run the upgradestack command.

	BUG-41331	Links in 2.1.2.1 pdf documentation not working.	Use working links from 2.1.2.1 html documentation.
	BUG-41044	After upgrading from HDP 2.1 and restarting Ambari, the Admin > Stack and Versions > Versions tab does not show in Ambari Web.	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.
AMBARI-12389	BUG-41040	After adding Falcon to your cluster, the Oozie configuration is not properly updated.	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

Apache Jira	HWX Jira	Problem	Solution
			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 added, Restart Oozie and execute this command on oozie server host: ```su oozie -c '/usr/hdp/current/oozie-server/bin/oozie-setup.sh prepare-war'``` Start Oozie.
AMBARI-12412	BUG-41016	Storm has no metrics if service is installed via a Blueprint.	The following properties need to be added to **storm-site**. Browse to Services > Storm > Configs and add the following properties. Restart the Storm service. ```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```

	BUG-40773	Kafka broker fails to start after disabling Kerberos security.	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:
			
			```kinit -k -t /etc/security/keytabs/kafka.service.keytab kafka/_HOST```
			
			where _HOST should be replaced by the hostname of that node. Run the following command to open zookeeper shell:
			
			```/usr/hdp/current/kafka-broker/bin/zookeeper-shell.sh hostname:2181```
			
			where hostname here should be replaced by one of the zookeeper nodes
			
			```setAcl /brokers world:anyone:crdwa setAcl /config world:anyone:crdwa setAcl /controller world:anyone:crdwa setAcl /admin world:anyone:crdwa```
			
			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"

	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

Apache Jira	HWX Jira	Problem	Solution
			wire encryption enabled, please contact Hortonworks support for further help.
	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	Falcon Service Check may fail when performing Rolling Upgrade, with the following error: ``` 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) ``` This condition is rare.	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. ``` cd <ACTIVEMQ_DATA_DIR> rm -rf ./localhost cd /usr/hdp/current/falcon-server su -l <FALCON_USER> ./bin/falcon-stop ./bin/falcon-start ```
	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 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.
	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 2.1.2.1

- Potential Data Loss [7]

- Stability [7]

- Security [8]

- Upgrade [9]

- Usability [10]

- Performance [10]

- Other [11]

1.5.1. Potential Data Loss

Apache Jira	HWX Jira	Summary
AMBARI-12943	BUG-43460	Falcon related oozie site properties do not get showed on any dashboard
AMBARI-12882	BUG-43299	Selected Config Group doesn't get updated
AMBARI-13053	BUG-41205	Properties overwritten without warning when adding new Service in Ambari
AMBARI-13099	BUG-44011	Config changes w/ blueprint provisioning are not picked up

1.5.2. Stability

Apache Jira	HWX Jira	Summary
AMBARI-12018	BUG-43103	JCE policy file is getting deleted (and replaced) but start is occuring before unzip is complete
AMBARI-12179	BUG-39646	Tez UI w-enc static view in Ambari points to wrong ATS URL
AMBARI-12248	BUG-32683	Filter out of band metric data received on the metric collector
AMBARI-12282	BUG-40615	Ambari JDK8 upgrade does not deploy JDK8 on DataNodes/NodeManagers
AMBARI-12476	BUG-43495	No widgets created for a blueprint deployed cluster
AMBARI-12538	BUG-41802	Attempting to access the Ambari Dashboard results in an HTTP 500 Error after changing cluster name and restarting the Ambari server
AMBARI-12710	BUG-41641	More than one Nimbus component can be added with HDP 2.2 or earlier
AMBARI-12713	BUG-42116	Empty Alert groups dropdown after page refresh
AMBARI-12781	BUG-40851	Hive View: broken sort on "Saved Queries" "History" "UDFs" tabs
AMBARI-12783	BUG-41673	Ambari Views: Capacity Scheduler View - Downloaded xml with configs is not actually proper xml
AMBARI-12787	BUG-42322	Add Host is only performing Hostname Resolution check for added hosts
AMBARI-12788	BUG-42457	Hive view's Visual Explain panel does not work
AMBARI-12792	BUG-42641	Component cannot be deleted after refreshing host details page
AMBARI-12801	BUG-42572	Removing hive.heapsize breaks template generation
AMBARI-12802	BUG-41977	Copy alert group doesn't copy actual alerts list
AMBARI-12804	BUG-42537	HDFS quicklinks are empty if refresh page on Configs or Heatmaps page
AMBARI-12815	BUG-36502	Change the default of topology.max.spout.pending from null to 1000 for Storm to prevent failures for Spout
AMBARI-12818	BUG-42379	Properties autotrimming works incorrectly
AMBARI-12848	BUG-42150	Hive View: Tabs on the right disappear after executing queries
AMBARI-12894	BUG-40666	Changing mapreduce.application.classpath via Ambari doesn't prompt for Hive Restart
AMBARI-12912	BUG-43256	Python Wrapper Can Choose Two Different Python Versions

Apache Jira	HWX Jira	Summary
AMBARI-12917	BUG-42797	Changing python path in ams-env does not affect psutil build
AMBARI-12918	BUG-42558	Ambari Metrics check fails intermittently when Starting all services
AMBARI-12962	BUG-43109	New ambari-agent logging infra makes it difficult to attach a log4j appender
AMBARI-12975	BUG-43245	HBase metrics on Heatmaps are not available from RegionServer component
AMBARI-13008	BUG-43867	UI does not tolerate ATS being absent
AMBARI-13011	BUG-43629	Add service: js error while adding service
AMBARI-13016	BUG-42905	Accumulo Service Check fails after moving Namenode
AMBARI-13022	BUG-43906	Ambari NameNode UI Quick Links resolve to wrong port when NN HA is enabled
AMBARI-13027	BUG-40552	AMS status should indicate failure in a dead RS scenario
AMBARI-13044	BUG-42059	FE: Config group has incorrect number of hosts
AMBARI-13047	BUG-43096	Pig service check fails on kerberized when smokeuser ticket expires
AMBARI-13075	BUG-42607	Make ambari-server robust/debuggable if user accidentally adds a config type to a config groups when it does not exist as base type
AMBARI-13080	BUG-44296	Log a WARN/ERROR when invalid blueprint is POST'ed
AMBARI-13089	BUG-43320	Ambari seems to strip %Y %M %D, etc partitioning options from Flume output paths
AMBARI-13112	BUG-43854	getting consistency check failed error while adding new service
AMBARI-13113	BUG-44348	Ranger Hive Tests failing - deny operations

1.5.3. Security

Apache Jira	HWX Jira	Summary
AMBARI-12432	BUG-44477	Oozie Service Check failing after enabling Kerberos
AMBARI-12433	BUG-44474	Unable to enable Kerberos with Ambari 2.1.1 (2 or 3 master systems) - Mahout service check never finishes
AMBARI-12582	BUG-41297	Some properties on Kerberos configs tab are empty although the same properties on services configs are filled
AMBARI-12736	BUG-42242	Hbase user not being added to hbase.superuser in Hbase config
AMBARI-12744	BUG-42139	Kerberos: Test KDC Connection succeeds but prints ERROR to ambari server log
AMBARI-12772	BUG-42105	Adding host via blueprint fails on secure cluster
AMBARI-12773	BUG-41570	Ranger quick link in Ambari 2.1.0 with HDP-2.2 does not track the http, https port value
AMBARI-12782	BUG-42365	Handle file permissions for jceks file in umask 027
AMBARI-12798	BUG-42488	"Edit" button disappears after revisiting Kerberos tab
AMBARI-12807	BUG-41019	Accumulo Master Start fails on secure cluster if PID/Log dirs for YARN and MR2 are customized
AMBARI-12808	BUG-42098	Ambari should not reset UIDs for existing users in a cluster
AMBARI-12810	BUG-42675	Host check shows no errors when registering non root agents manually
AMBARI-12817	BUG-42408	YARN ownership is not set correctly on container-executor
AMBARI-12827	BUG-42055	Oozie Server Status alert is critical every 5 minutes on Kerberized cluster
AMBARI-12828 AMBARI-13172	BUG-42631	Kafka Service check fails after adding it to secure cluster
AMBARI-12835	BUG-42167	Error trying to enable kerberos after restart. Needed to reload browser
AMBARI-12843	BUG-42573	Disable Ranger HDFS plugin shows dfs property update which is incorrect
AMBARI-12853	BUG-42455	Manual registration of non root ambari agent with two way ssl authentication failed
AMBARI-12854	BUG-43058	Stack Advisor doesn't propose hive.security.authorization.enabled set to true when hive_security_authorization is none
AMBARI-12870	BUG-42943	Installing Ambari-2.1.0 removes /etc/sudoers.d/ambari-agent file

Apache Jira	HWX Jira	Summary
AMBARI-12877	BUG-38234	File Browser view - Downloading a directory always creates a zip with username
AMBARI-12896	BUG-43277	Value for ranger.ldap.bind.password is always plaintext because it has to be added as a custom property
AMBARI-12901 AMBARI-13062	BUG-42230	Ambari Headless principal for Storm should include cluster-name
AMBARI-12904	BUG-43157	AMS keytabs share same principal for HBase daemons
AMBARI-12919	BUG-42967	UI lag causing "Edit" button to be missed from Admin Kerberos Tab
AMBARI-12920	BUG-43287	"Oozie Quick links" in Ambari points to incorrect URL after enabling SSL
AMBARI-12935	BUG-42555	Ambari is overwriting ownership of yarn.local.dir with yarn:hadoop in Kerberized cluster
AMBARI-13000	BUG-41147	Disable Ranger Hive Plugin is not reverting all the required properties
AMBARI-13029	BUG-41863	when ambari-agent has 'run_as_user' as a comment in ambari-agent.ini, wrong user to run ambari as can be picked up
AMBARI-13045	BUG-42869	Handle dependencies for 'hadoop.proxyuser.**' properties in stack advisor
AMBARI-13056	BUG-44070	Ambari should use relative URLs when specifying target after login
AMBARI-13058	BUG-44009	Kerberos: failures / issues w/ add host when using "manual kerb" option
AMBARI-13060	BUG-42574	Kerberos: Allow user to specify additional realms for auth-to-local rules
AMBARI-13063	BUG-44054	Kerberos wizard fails on Start and Test Services step when Manual option is selected
AMBARI-13116	BUG-44417	Extraneous 'list' command being invoked through sudo
AMBARI-13133	BUG-44294	Hive Metastore did not start when Kerberized

1.5.4. Upgrade

Apache Jira	HWX Jira	Summary
AMBARI-12635	BUG-37220	If the "current" stack version status is OUT_OF_SYNC, no version box is displayed on Admin > Stacks > Version page
AMBARI-12730	BUG-42156	Ambari Server schema upgrade should prompt about backups
AMBARI-12751	BUG-42851	MapRed history server is shown as stopped after downgrade
AMBARI-12784	BUG-42514	RU: HS2 fails to start with invalid maximum heap size
AMBARI-12850	BUG-42048	Downgrades That Are Retried With Unhealthy Hosts Can Produce Multiple Stages In Progress
AMBARI-12863	BUG-42513	RU: Alter service check order
AMBARI-12867	BUG-43038	Do Not Automatically Abort Stack Repository Installation When A Host Timed Out
AMBARI-12869	BUG-42968	Problem with upgradehelper.py and https option
AMBARI-12895	BUG-42495	After upgrading Ambari to 2.1, hbase.bucketcache.size value has an "m" added to it preventing region servers from starting
AMBARI-12900	BUG-43304	Ambari overrides hot-fixed tez tarball on HDFS everytime HiveServer is restarted
AMBARI-12936	BUG-43446	Update the 2.1 -> 2.3 UpgradeCatalog to include three Storm properties
AMBARI-12942	BUG-43317	Ambari did disable the node labels while doing the upgrade HDP 2.2 -> HDP 2.3
AMBARI-12997	BUG-42467	After upgrading Ambari 2.0.1 to 2.1.0, it's flagging hive.server2.authentication.ldap.baseDN as a required field
AMBARI-12999	BUG-43445	Make link creation upgrade compatible, because after upgrade, Storm start fails
AMBARI-13014	BUG-43893	RU: Installing version stuck on host
AMBARI-13018	BUG-43463	Upgrade API Endpoint Should Rely on Prerequisite Endpoint Before Running
AMBARI-13026	BUG-43806	Ambari overriding customer specific properties for HDFS, YARN and Hive on Upgrade of Ambari
AMBARI-13043	BUG-43659	Ambari upgrade 1.6.1 to 2.1.1. Missed info from stack_versions endpoint
AMBARI-13057	BUG-44074	UpgradeCatalogs should use integer specifiers

Apache Jira	HWX Jira	Summary
AMBARI-13096	BUG-44291	HDP-2.2 to HDP-2.3 RU is missing a JAR in 'templeton.libjars' config value

1.5.5. Usability

Apache Jira	HWX Jira	Summary
AMBARI-12581	BUG-41452	Host check/clean-up logic should clean up new packages and folder names
AMBARI-12716	BUG-41829	Redundant hint for Disk usage parameter on Hosts page
AMBARI-12789	BUG-41988	FE: Alerts counter and restart-icon are overlap each other
AMBARI-12960	BUG-42309	UX: after click Override for property was opened another tab (Settings instead Advanced)
AMBARI-13005	BUG-42020	Usability: Deleting a host should not reconfigure config sites

1.5.6. Performance

Apache Jira	HWX Jira	Summary
AMBARI-12543	BUG-41393	FE: Hosts page table UI code takes atleast 4.2s to populate 100 host entries (7-9 seconds total)
AMBARI-12655	BUG-41948	Hosts Page Performance: Filter update/save related problems
AMBARI-12656	BUG-41949	Hosts Page Performance: Avoid triggering hosts loading immediately after switching to hosts tab
AMBARI-12708	BUG-41951	Hosts Page Performance: Reuse existing FE host model on drill in/out single host detail
AMBARI-12714	BUG-42113	FE: Adding 100 definitions to the alert group takes too much time
AMBARI-12715	BUG-42061	FE: Adding 1000 hosts to config group takes 50-60 seconds to process
AMBARI-12717	BUG-41979	Ambari UI with 10K+ alerts on the cluster becomes unresponsive after opening alerts popup
AMBARI-12721	BUG-41967	Assign Slaves and Clients. Table timings issue
AMBARI-12733	BUG-41973	FE: Alert-Definition-Groups and Config-Groups dropdowns are too long
AMBARI-12739	BUG-42372	Switching alert group in the "manage alert groups popup" is too slow
AMBARI-12741	BUG-40936	AMS Collector process takes way more Virtual memory than Xmx setting
AMBARI-12743	BUG-42247	No Data Available on Hosts Metrics graphs
AMBARI-12757	BUG-41955	Hosts Page Performance: Hosts page takes 2-3 seconds to render an 100 items page
AMBARI-12764	BUG-42460	ASW. Assign Masters Page. Click "+" takes 3 seconds (only JS processing) to display combobox with new component's host
AMBARI-12785	BUG-42541	App.componentConfigMapper takes too much time
AMBARI-12786	BUG-42634	App.alertGroupsMapper shouldn't commit not changed data
AMBARI-12794	BUG-41954	Hosts Page Performance: Hosts mapper running time degrade over time
AMBARI-12800	BUG-42637	App.alertNotificationMapper takes 4-5 seconds with 1000 notifications
AMBARI-12805	BUG-42750	Filtering in the "Select Configuration Group Hosts"-popup is too slow, when there are more than 1000 hosts
AMBARI-12806	BUG-42538	Status marker xpath for components does not update dynamically on host details page
AMBARI-12829	BUG-42960	Filtering in the "Select Alert Group Definitions"-popup is too slow, when there are more than 1000 definitions
AMBARI-12833	BUG-42965	Improve alert definitions and alert definitions summary mappers
AMBARI-12839	BUG-43453	"Customize Services" section during Add Service wizard stuck with a loading icon
AMBARI-12852	BUG-43293	FE: step transitions in Add Service Wizard are slow
AMBARI-12868	BUG-43193	Improve calls to the localStorage

Apache Jira	HWX Jira	Summary
AMBARI-12871	BUG-40476	Ambari startup scripts exhibit long delays (5+ seconds each) on every "modifying user" operation. This adds a few minutes to the time it takes to start or restart any component, causing excessive downtime for every config change.
AMBARI-12881	BUG-42928	Ambari metrics shows data sparsely
AMBARI-13024	BUG-42991	Disable MetricsDataTransferMethodFactory for AMS
AMBARI-12959	BUG-41969	FE: Server overloaded with POST calls after changing config group
AMBARI-13025	BUG-42409	Switching config versions results in 'Restart Required' message showing up with delay
AMBARI-13035	BUG-42423	BE / Hosts Page Performance: "alerts_summary" takes too long to load and slows down Hosts page rendering significantly
AMBARI-13115	BUG-41396	BE: Call to filter 100 hosts by alerts takes 25s on 800 node cluster

1.5.7. Other

Apache Jira	HWX Jira	Summary
AMBARI-11646	BUG-36755	Need option to not override local uid
AMBARI-12249	BUG-40688	Exceptions encountered in Ambari Views are missing in ambari-server.log
AMBARI-12855	BUG-42465	Flume agents action drop-down is displayed incorrectly
AMBARI-12956	BUG-43569	Host Checks: should not warn on nagios, ganglia or puppet packages
AMBARI-12991	BUG-43809	Phoenix rpm should not be installed if not being used in Ambari
AMBARI-13006	BUG-43478	dfs.namenode.accesstime.precision cannot be set when using HDP-2.2
AMBARI-13067	BUG-43905	Kafka: Add Service Action options for Rolling Restart and Rolling Stop
AMBARI-13192	BUG-44781	Metrics data for last one month is missing many data points that should exist