

Hortonworks Data Platform

Ambari 2.2.1 Release Notes

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Hortonworks Data Platform : Ambari 2.2.1 Release Notes

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1. Release Notes Ambari - 2.2.1.0

The Release Notes summarize and describe the following information released in Ambari 2.2.1.0:

- [New Features](#)
- [Behavioral Changes](#)
- [Patch Information](#)
- [Common Vulnerabilities and Exposures](#)
- [Known Issues](#)
- [Fixed Issues](#)

1.1. New Features

Ambari 2.2 includes the following new features and improvements:

Table 1.1. Table 1.1: New Features in Ambari 2.2.1.0

Feature	Description
Metric Widget Graph Custom Time Range AMBARI-14612	Ability to select a custom time range for metric widget graph data.
HDP 2.4 Support AMBARI-14321	Added support for installing and managing HDP 2.4.
Blueprint: Rack Info AMBARI-14600	This feature is a Technical Preview . Support for setting host Rack Info when installing a cluster via a Blueprint.

Table 1.2. Table 1.2: New Features in Ambari 2.2.0.0

Feature	Description
Express HDP Upgrade AMBARI-13407	New Express Upgrade option for HDP upgrades. See the Ambari Upgrade Guide for more information.
Ambari Web User Inactivity Timeout AMBARI-13419	Ability to configure automatic logout due to inactivity for Ambari Web users. See the Ambari Reference Guide for more information.
Manage KDC Admin Credentials AMBARI-13449	Ability to store and manage the KDC Admin credentials. See the Ambari Security Guide for more information.
Export Metric Widget Graph AMBARI-13313	Ability to export the Ambari Web metric widget graph data in CSV or JSON format.
User Configurable timezones AMBARI-13293	Ability for users to set timezone used to display Ambari Web metric widget graphs.
Customizable time range for graphs AMBARI-13331	Ability to customize the time range display for Ambari Web Dashboard and Host Details pages.
Blueprints: Ranger	This feature is Technical Preview .

Feature	Description
AMBARI-13421	Support for installing a cluster via a Blueprint that includes Ranger components, Ranger plugins and Ranger HA configuration.
Blueprints: Kerberos	This feature is Technical Preview .
AMBARI-13431	Support for installing a cluster via a Blueprint that has Kerberos enabled.
Blueprints: Recommendations	This feature is Technical Preview .
AMBARI-13487	Support for applying Stack Advisor recommendations when installing a cluster via a Blueprint.
Ranger Guided Configs	Service Configs for Ranger include new UI controls and improved organization/layout.
AMBARI-13263	

1.2. Behavioral Changes

Ambari 2.2 introduces the following changes in behavior as compared to previous Ambari versions:

Table 1.3. Ambari 2.2 Behavioral Changes

Apache Jira	HWX Jira	Title	Description
AMBARI-13241 AMBARI-13251	BUG-45125	DataNode Mount Directory List	The <code>hadoop-env/dfs.datanode.data.dir.mount.file</code> configuration property is no longer customizable from Ambari. The original default value of <code>"/etc/hadoop/conf/dfs_data_dir_mount.hist"</code> is now <code>"/var/lib/ambari-agent/data/datanode/dfs_data_dir_mount.hist"</code> , which is not customizable. On Ambari Agent upgrade, Ambari will automatically move the file from <code>"/etc/hadoop/conf/dfs_data_dir_mount.hist"</code> to <code>"/var/lib/ambari-agent/data/datanode/dfs_data_dir_mount.hist"</code> . If you have not modified this configuration property, no action is required. If you had previously modified this value, after upgrading to Ambari 2.2, you must restart your DataNodes for the file to be written to the new location.
AMBARI-12901 AMBARI-13062	BUG-42230	Kerberos: Storm Headless Principal	The Ambari "headless" principal for Storm now includes <code>{cluster-name}</code> by default. Be sure to check the Ambari Principal names (on the Configure Identities step) when enabling Kerberos. This is very important when upgrading from Ambari 2.0 or earlier to Ambari 2.2
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 2.2.
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 2.2.
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 <code>net.topology.script.file.name</code> property to use the Ambari-generated script: <code>/etc/hadoop/conf/topology_script.py</code>
AMBARI-10506	BUG-33967	SSL Client and Server Configuration	Added support for managing <code>ssl-client</code> and <code>ssl-server</code> HDFS configurations. If you are currently managing these files

Apache Jira	HWX Jira	Title	Description
			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 or 2.1 clusters. SLES 11 SP1 cannot be used with Ambari installing and managing HDP 2.3. You must use SLES 11 SP3.
		HDP 2.1 Support Deprecated	Ambari support for HDP 2.1 is deprecated with Ambari 2.2. Support for HDP 2.1 will be removed in a future Ambari release.
		HDP 2.2 Support Deprecated	Ambari support for HDP 2.2 is deprecated with Ambari 2.2.1. Support for HDP 2.2 will be removed in a future Ambari release.
		HDP 2.0 Support Removed	Ambari support for installing and managing HDP 2.0 has been removed. Before upgrading to Ambari 2.2, you must first upgrade to HDP 2.2 using either Ambari 1.7 or 2.0 . Once running HDP 2.2, you can upgrade your current Ambari to Ambari 2.2.
		HDP 2.1 to HDP 2.2 Upgrade	Ambari 2.2 does not support directly upgrading from HDP 2.1 to HDP 2.2. In order to upgrade from 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 2.2.
		HDP 2.1 to HDP 2.3 Upgrade	Ambari 2.2 does not support upgrading from HDP 2.1 to HDP 2.3 if Kerberos is enabled in your HDP 2.1 cluster. Please contact Hortonworks Support for guidance on how to proceed.
		HDP 2.3.0 and 2.3.2 ATS Support	With newer maintenance releases of HDP 2.3 (2.3.4 or latest), the ATS component of YARN supports a new store configuration. Therefore, if attempting to install HDP 2.3.2 or earlier with Ambari, you will need to modify the store-class used by YARN ATS to work with the earlier LevelDB store. Refer to the Troubleshooting Guide for more information.
		Slider View Deprecated	The Slider View is deprecated with Ambari 2.2. Support for the Slider View will be removed in a future Ambari release.

1.3. Patch Information

Ambari 2.2.1.0 is based on Apache Ambari 2.2.1 and does not require any additional Apache patches to match the Apache code base. Hortonworks' philosophy is to provide patches only when absolutely necessary to assure inter-operability of the components. Unless you are explicitly directed by Hortonworks Support to take a patch update, Ambari 2.2.1.0 needs to remain at this package version level to ensure a certified and supported copy of Ambari 2.2.1.0.

1.4. Common Vulnerabilities and Exposures

Ambari 2.2.1.0 includes fixes for the following information-security **Common Vulnerabilities and Exposures (CVEs)**:

CVE-2016-0731: Restrict file:// access through Ambari File Browser View

Severity: Important

Vendor: Hortonworks

Versions Affected: Ambari 2.2.0 and All Ambari 2.1.x releases

Users Affected: All users of the Ambari File Browser View.

Impact: : See BUG-51550 and [AMBARI-14780](#). An Ambari Administrator can configure the Ambari File Browser View to access local files by entering a file:// value as the WebHDFS URL configuration setting.

Recommended Action: Upgrade to Ambari 2.2.1.

1.5. Known Issues

Ambari 2.2.1.0 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 2.2.1 Known Issues

Apache Jira	HWX Jira	Problem	Solution
	BUG-52221	When using HDP 2.4 and adding Atlas Service to a cluster that includes Hive, the Atlas Metadata Server fails to start if Ambari was upgraded from a previous release and then HDP stack was then upgraded to 2.4 version.	When adding Atlas to a cluster that includes Hive, the Atlas Metadata Server fails to start with the following error:

Apache Jira	HWX Jira	Problem	Solution
			<pre> Traceback (most recent call last): File "/var/lib/ambari-agent/ cache/common-services/ATLAS/ 0.1.0.2.3/ package/scripts/ metadata_server.py", line 132, in <module> MetadataServer().execute() File "/usr/lib/python2.6/site- packages/resource_management/ libraries/script/script.py", line 219, in execute method(env) File "/var /lib/ambari-agent/ cache/common-services/ATLAS/ 0.1.0.2.3/ package /scripts/ metadata_server.py", line 53, in start self.configure(env) ... File "/usr/lib/python2.6/site- packages/resource_management/core/ source.py", line 51, in __call__ return self.get_content() File "/usr/lib/python2.6/site- packages/resource_management/core/ source.py", line 75, in get_content raise Fail("{0} Source file {1} is not found". format(repr(self), path)) resource_management.core. exceptions.Fail: StaticFile('/usr/ hdp/current/atlas-server/server/ webapp/atlas.war') Source file /usr/hdp/current/atlas- server/server/webapp/atlas.war is not found </pre> <p>This situation occurs because Atlas was not installed on the host although Ambari thought it was successful (and therefore, failed to start). The workaround is to manually install the following package on the host.</p> <pre>yum install atlas-metadata_2_4_*</pre> <p>and then copy the file client.properties in /usr/hdp/<2.4.x.y>/etc/atlas/conf.dist/ directory to /etc/atlas/conf/ directory where <2.4.x.y> is the HDO version, for example 2.4.0.0-160 .</p> <p>Then, start Atlas from Ambari Web.</p>
	BUG-51515	When selecting a time range that does not include any data, the metric widget graph will not be updated.	When viewing a metric widget graph, if you are select a time range that does not include any metrics data, the graph will not be updated in the Ambari Web UI. This might occur if you select a time range that is prior to collection starting on the cluster. Select a different time range.
	BUG-51254	When using RHEL/CentOS 7.2 or above, systemd does not work on ambari-server.	<p>The following message appears when systemctl on ambari-server is used on RHEL/CentOS 7.2 or above:</p> <pre> [root@c7201 ~]# systemctl status ambari-server ambari- server.service Loaded: not- found (Reason: No such file </pre>

Apache Jira	HWX Jira	Problem	Solution
			<p>or directory) Active: inactive (dead)</p> <p>To correct the problem, run the following on the ambari-server host:</p> <pre>unlink /etc/rc.d/init.d/ ambari-server && cp -a / usr/sbin/ambari-server /etc/ rc.d/init.d/ambari-server && systemctl daemon-reload</pre>
	BUG-50992	Ambari is not showing active/standby status for NameNodes. This is because, when NameNode HA is enabled, if the NameNode ports specified through <code>dfs.namenode.http(s)-address.{nameservice}.{namenode}</code> e.g. <code>dfs.namenode.http(s)-address.nameservice.nn1</code> and <code>dfs.namenode.http(s)-address.nameservice.nn2</code> are different than the one specified using <code>dfs.namenode.http-address</code> .	Modify the port number specified in <code>dfs.namenode.http(s)-address</code> to match the port numbers specified in <code>dfs.namenode.http(s)-address.{nameservice}.{namenode}</code>
	BUG-50791	If you have configured your cluster for LZO, MapReduce and Oozie Service checks might fail after HDP Upgrade.	<ol style="list-style-type: none"> 1. If you are using LZO, make sure before starting upgrade that LZO codec path does not contain hard-coded HDP version. LZO codec path is specified as a part of <code>mapreduce.application.classpath</code> property value at <code>mapred-site</code> config for YARN. The correct LZO codec path should look like the following: <pre>/usr/hdp/\${hdp.version}/hadoop/ lib/hadoop-lzo-0.6.0.\${hdp. version}.jar</pre> 2. Also, if you configured your cluster for Tez and LZO, then make sure before starting upgrade that property <code>tez.cluster.additional.classpath.prefix</code> of <code>tez-site</code> config does not contain hard-coded HDP version. Proper classpath value should look like the following: <pre>/usr/hdp/\${hdp.version}/hadoop/ lib/hadoop-lzo-0.6.0.\${hdp. version}.jar:/etc/hadoop/conf/ secure</pre> 3. In addition, if you have Oozie service installed, after removing the hdp version hardcoding from LZO path update the <code>oozie-env</code> with following: <pre>export HADOOP_OPTS="- Dhdp.version=\$HDP_VERSION \$HADOOP_OPTS"</pre>
	BUG-49728	When adding a ZooKeeper service, Kafka property is not updated.	If you are running Kafka and add an additional ZooKeeper server to your cluster, the <code>zookeeper.connect</code> property is not automatically updated to include the newly added ZooKeeper server.

Apache Jira	HWX Jira	Problem	Solution
			You must manually add the ZooKeeper server to the zookeeper.connect property.
AMBARI-14012	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.	<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 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-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>
	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>
	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.
	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 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-12005	BUG-24902	Setting cluster names hangs Ambari.	If you attempt to rename a cluster to a string > 100 chars, Ambari Server will

Apache Jira	HWX Jira	Problem	Solution
			hang. Restart Ambari Server to clear the hang.

1.6. Fixed Issues

The following table lists selected issues resolved in Ambari 2.2:

Version	Category	Apache Jira	HWX Jira	Summary
2.2.1.0	Other	AMBARI-14697	BUG-51097	AMS monitor should use same hostname as ambari agent and server.
2.2.1.0	Other	AMBARI-14680	BUG-50715	Journal node https results JournalsStatus not available in the API
2.2.1.0	Other	AMBARI-14636	BUG-50536	Add stack advisor validation for AMS distributed properties
2.2.1.0	Other	AMBARI-14455	BUG-50283	After changing the hostname on the HA cluster the ZKFC's metadata still uses old hostname.
2.2.1.0	Other	AMBARI-14410	BUG-50048	It failed to change the host name from Upper to Lower case for the cluster
2.2.1.0	Other	AMBARI-14449	BUG-49929	ambari download client configs says config generation failed want to retry when it actually worked
2.2.1.0	Other	AMBARI-14514	BUG-49899	Hive View: Config changes(Local <=> Custom) are not reflected unless ambari-server is restarted
2.2.1.0	Other	AMBARI-14382	BUG-49892	some hdfs metrics do not use active NN
2.2.1.0	Other	AMBARI-14659	BUG-49757	Pig view : explain script contains errors on secure cluster
2.2.1.0	Other	AMBARI-14464	BUG-49740	Yarn ATS show alert at single node cluster via blueprints without slave components
2.2.1.0	Other	AMBARI-14506	BUG-49239	Certain config properties get reverted when adding new host or host component (secure cluster)
2.2.1.0	Other	AMBARI-13700	BUG-45736	hbase.root dir for metrics server does not get updated after NN HA is enabled
2.2.1.0	Performance	AMBARI-14660	BUG-50793	HistoryServer upgrade times out when /app-logs is too large
2.2.1.0	Performance	AMBARI-14519	BUG-49797	GET calls to /requests become very slow after installing packages on 900 node cluster
2.2.1.0	Performance	AMBARI-14520	BUG-49793	BE: Install packages call takes more than 3 minutes on 900 node cluster
2.2.1.0	Performance	AMBARI-14509	BUG-49792	Handle the case when UI call to 'Install Packages' action times out
2.2.1.0	Performance	AMBARI-14607	BUG-49397	Requests to start/stop all services are very slow
2.2.1.0	Security	AMBARI-14698	BUG-51098	Kerberos automation logic should use stack advisor when determining configuration updates
2.2.1.0	Security	AMBARI-14667	BUG-50862	Cannot add new service when kerberos is enabled w/ blueprint
2.2.1.0	Security	AMBARI-14668	BUG-50325	Kerberos specifical properties reverted during secured cluster deploy via blueprint
2.2.1.0	Security	AMBARI-14434	BUG-50123	Passwords for headless principals with cached keytab files are changed unnecessarily
2.2.1.0	Security	AMBARI-14460	BUG-50106	Enable kerberos security after express upgrade has failed at Start service step because of slider client xml permission.
2.2.1.0	Security	AMBARI-14550	BUG-50095	Ranger KMS install from Ambari - Add ability to skip DB/DB user setup
2.2.1.0	Security	AMBARI-14484	BUG-49906	JDK was installed with incorrect permissions on agent host
2.2.1.0	Security	AMBARI-14466	BUG-49448	warning setpgid failed issued when starting ambari server

Version	Category	Apache Jira	HWX Jira	Summary
2.2.1.0	Security	AMBARI-14409	BUG-49334	Blueprints: Kerberos deployments fail intermittently due to invalid keytabs
2.2.1.0	Security	AMBARI-14503	BUG-48884	Hive View does not honour auth_to_local rules when running queries
2.2.1.0	Security	AMBARI-14251 , AMBARI-14664	BUG-48337	Blueprints: After Kerberos deployment, UI requires that Yarn service be restarted
2.2.1.0	Security	AMBARI-14708	BUG-45167	LDAP Requests Via nsld Take Too Long In Some Organizations
2.2.1.0	Stability	AMBARI-14718	BUG-51186	on region server restart ambari is setting /tmp to hbase:hadoop
2.2.1.0	Stability	AMBARI-14729	BUG-51185	API does not return host component metrics (except for one host)
2.2.1.0	Stability	AMBARI-14704	BUG-51103	Restart storm fails with a metrics storm sink jar related error sometimes
2.2.1.0	Stability	AMBARI-14707	BUG-51024	Ambari should return 400 (instead of 500) when the hive query cannot be compiled
2.2.1.0	Stability	AMBARI-14734	BUG-50826	RU/EU, add PreCheck to prevent starting upgrade if a previous upgrade skipped the step Save DB State
2.2.1.0	Stability	AMBARI-14643	BUG-50784	Ambari agent dir is not recreated if /var/run/<ambari_dir> is deleted on non-root agent
2.2.1.0	Stability	AMBARI-14611	BUG-50733	Stack advisor: ConcurrentModificationException with blueprint provisioning
2.2.1.0	Stability	AMBARI-14593	BUG-50420	Ambari not showing active/standby status for Resource manager when custom ports are used
2.2.1.0	Stability	AMBARI-14493	BUG-50262	Add Service: deploy fails due to duplicate components create
2.2.1.0	Stability	AMBARI-14454	BUG-50191	File Permission is not applied properly while using fast-hdfs-resource.jar
2.2.1.0	Stability	AMBARI-14465	BUG-50133	When the JDBC URL for Oracle contains a non-standard port, some changes cannot be made via Smart Configs UI for Hive
2.2.1.0	Stability	AMBARI-14420	BUG-50044	Atlas MetaData server start fails due to missing package while adding Atlas service after Hive service
2.2.1.0	Stability	AMBARI-14479	BUG-50005	Namenode start fails when time taken to get out of safemode is more than 20 minutes.
2.2.1.0	Stability	AMBARI-14491	BUG-49992	ZOOKEEPER_SERVER INSTALL failed
2.2.1.0	Stability	AMBARI-14424	BUG-49310	Hive Metastore alert timeout
2.2.1.0	Stability	AMBARI-14199	BUG-49255	Ambari Agent should not rely on CWD of user who started it
2.2.1.0	Stability	AMBARI-14507	BUG-48747	Attempt to Open a Saved Query Returns Unexpected Results
2.2.1.0	Upgrade	AMBARI-14652	BUG-50877	Express upgrade to HDP 2.4 has failed on Calculating Yarn Properties for Spark
2.2.1.0	Upgrade	AMBARI-14730	BUG-50688	After upgrade from 2.3.2 to 2.3.4, HBase fails to start, remove props for local indexing
2.2.1.0	Upgrade	AMBARI-14517	BUG-50304	Database version check doesn't work in case of existing database from older Ambari version
2.2.1.0	Upgrade	AMBARI-14581	BUG-50160	Intermittent error during Hive Server restart while EU from Dal to Dal M10 to Dal M20
2.2.1.0	Upgrade	AMBARI-14581	BUG-50158	Intermittent error during Hive Metastore restart while EU from 2.2.8 to 2.3.4.0 on SLES
2.2.1.0	Upgrade	AMBARI-14436	BUG-50113	Spark ThriftServer Does Not Upgrade
2.2.1.0	Upgrade	AMBARI-14775	BUG-50068	HiveServer2 shows down after downgrade to 2.2.9 due to schema version mismatch
2.2.1.0	Upgrade	AMBARI-14505	BUG-49957	UpgradeCatalog211 executeHostComponentStateDDLUpdates is not idempotent

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2.2.1.0	Upgrade	AMBARI-14489	BUG-49639	EU/RU: failure not shown on all levels
2.2.1.0	Upgrade	AMBARI-14389	BUG-49613	tez view disappeared after upgrading from ambari 2.1.2 to 2.2.0.0
2.2.1.0	Upgrade	AMBARI-14398	BUG-49318	SUPERVISOR START failed post EU
2.2.1.0	Upgrade	AMBARI-14352	BUG-49296	EU/RU: add error handler for "Pause upgrade"
2.2.1.0	Usability	AMBARI-14705	BUG-51107	nodes in non default config group do not get prompted for restart to update stale configs
2.2.1.0	Usability	AMBARI-14473	BUG-49874	Cannot update storm zk quorum from ambari UI
2.2.1.0	Usability	AMBARI-14468	BUG-49873	adding zk servers post install did not update the zk servers in other services
2.2.0.0	Other	AMBARI-12362	BUG-45219	NFSGateway reports wrong count after manual stack upgrade
2.2.0.0	Other	AMBARI-12873	BUG-44998	Handle Oracle DB connection string when not running port 1521
2.2.0.0	Other	AMBARI-13151	BUG-44534	Multiple Oozie Servers can be added with Install Wizard and ASW
2.2.0.0	Other	AMBARI-13200	BUG-42195	Pig View has incorrect class org.apache.hcatalog.pig.HCatLoader(); being loaded with the pre
2.2.0.0	Other	AMBARI-13212	BUG-44659	There is no need to put 700 for /user/hive directory, or at least make it configurable
2.2.0.0	Other	AMBARI-13226	BUG-44989	Second ambari-server silent-mode setup does not switch DB - add unit tests
2.2.0.0	Other	AMBARI-13227	BUG-44515	Debian 7. Host check does not show warning about THP enabled on hosts.
2.2.0.0	Other	AMBARI-13256	BUG-44957	configs.sh cannot add name-value pair to an empty config
2.2.0.0	Other	AMBARI-13281	BUG-45448	Hive View [Visualization] Enhancements
2.2.0.0	Other	AMBARI-13284	BUG-42903	HostCleanup script does not work for hosts that are manually registered
2.2.0.0	Other	AMBARI-13297	BUG-45208	change nimbus.monitor.freq.secs=120 in ambari
2.2.0.0	Other	AMBARI-13317	BUG-45331	API call to load Host Component links on Service dashboard should be independent of metrics.
2.2.0.0	Other	AMBARI-13322	BUG-44979	Should not log "unable to get latest URL" as ERROR
2.2.0.0	Other	AMBARI-13338	BUG-45529	Ambari Web should surface HTTP 413 error
2.2.0.0	Other	AMBARI-13343	BUG-46175	Ambari Hive View should be able to talk HTTP to HS2
2.2.0.0	Other	AMBARI-13344 , AMBARI-13345	BUG-46283	Views: HDFS API utility needs to work with WASB
2.2.0.0	Other	AMBARI-13356	BUG-43525	Manual commands given by Ambari are incorrect when yarn.timeline-service.leveldb-timeline-store.path is non-default
2.2.0.0	Other	AMBARI-13360	BUG-45770	Redundant links to Ganglia Web UI
2.2.0.0	Other	AMBARI-13361	BUG-45492	Ambari does not install phoenix if one enables phoenix after cluster install is done
2.2.0.0	Other	AMBARI-13376	BUG-44852	Prioritize point in time queries to JMX endpoints
2.2.0.0	Other	AMBARI-13388	BUG-45786	Update hbase-env config without removing custom changes
2.2.0.0	Other	AMBARI-13390	BUG-45000	Unable to set user value for kafka-broker/kafka.metrics.reporters
2.2.0.0	Other	AMBARI-13394	BUG-45318	Save checkpoint window does not appear for hosts operations
2.2.0.0	Other	AMBARI-13523	BUG-44021	Ambari should expose storm log4j configs
2.2.0.0	Other	AMBARI-13538	BUG-44881	Allow special characters in Ranger passwords
2.2.0.0	Other	AMBARI-13540	BUG-46590	Emails Dispatched From Ambari Are Not RFC 2822 Compliant And May Be Rejected

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2.2.0.0	Other	AMBARI-13585	BUG-46215	Flume metrics do not match up with data being processed by storm in our streaming pipeline
2.2.0.0	Other	AMBARI-13598	BUG-46156	flume metrics show 0 numbers on the y axis even though the graph has data
2.2.0.0	Other	AMBARI-13606	BUG-46998	Files View: Enable to preview files in WEBHDFS
2.2.0.0	Other	AMBARI-13641	BUG-45708	Various metrics show no data available - when HA enabled
2.2.0.0	Other	AMBARI-13693	BUG-46963	Ambari Blueprint sets inconsistent Yarn RM values
2.2.0.0	Other	AMBARI-13809	BUG-47368	In an upgraded cluster: JDK 1.8 option not available in ambari-server setup
2.2.0.0	Other	AMBARI-13866	BUG-47778	SNMPv3 option for SNMP Alert Notification needs to be removed
2.2.0.0	Other	AMBARI-13884	BUG-47679	Devdeploy: Knox service check have started before the knox start action
2.2.0.0	Other	AMBARI-13899	BUG-45879	Spark config with hdp.version info
2.2.0.0	Other	AMBARI-13938	BUG-46800	Select on large BIGINT in Ambari Hive View returns incorrect value
2.2.0.0	Other	AMBARI-13953	BUG-44679	Config types, incorrect number of selected=1
2.2.0.0	Other	AMBARI-13988	BUG-48443	Hive View : Upload Table Tab : if selected datatabase is default then data does not show in table
2.2.0.0	Other	AMBARI-14218	BUG-40737	Table does not have all the vertices for outputs after CTAS queries
2.2.0.0	Other	RANGER-741	BUG-47984	Audit to DB properties are required to be filled even if user doesn't want to use DB auditing
2.2.0.0	Performance	AMBARI-12537 , AMBARI-13833	BUG-41531	Blueprints Cluster configuration task thread should not wait indefinitely
2.2.0.0	Performance	AMBARI-13147	BUG-44719	Heatmaps page: page hangs for a while on HDFS metrics
2.2.0.0	Performance	AMBARI-13275	BUG-45196	Comparing of config versions works incorrectly for DBs
2.2.0.0	Performance	AMBARI-13290	BUG-45433	Set kafka userid ulimit open files to 32k for kafka broker through Ambari
2.2.0.0	Performance	AMBARI-13473	BUG-45511	Navigation between pages in installer too long
2.2.0.0	Performance	AMBARI-13517	BUG-46066	Ambari throwing harmless message ObjectGraphWalker:209 - The configured limit of 1,000 object references was reached
2.2.0.0	Performance	AMBARI-13560	BUG-45885	Ambari server Deadlock on View deploy
2.2.0.0	Performance	AMBARI-13643	BUG-45644	Warn if Xmn size is oversubscribed
2.2.0.0	Performance	AMBARI-13735	BUG-47763	Manage Ambari Alert Notifications editing group causes ConcurrentModificationException
2.2.0.0	Performance	AMBARI-13811	BUG-47707	Typing fast in 'name' filter field of the Hosts table misses trailing characters
2.2.0.0	Performance	AMBARI-14051	BUG-48414	Remove httpclient library dep from AbstractTimelineMetricsSink to respect timeout settings
2.2.0.0	Performance	AMBARI-14088	BUG-48720	Add GC tuning params to Collector daemon similar to HBase
2.2.0.0	Performance	AMBARI-14140	BUG-48488	Test / Adopt FIFO compaction policy for AMS high load tables
2.2.0.0	Potential Data Loss	AMBARI-13368	BUG-45345	'chmod -R 755' should be executed against Nodemanager local dirs
2.2.0.0	Potential Data Loss	AMBARI-13880	BUG-47974	DataNode Data Directories Which Contain Meta Information Tags Trigger Alerts
2.2.0.0	Potential Data Loss	AMBARI-14030	BUG-48302	Datanode shows up prematurely as 'Decomissioned' in Ambari UI while it is 'Decomissioning in Progress' in Namenode UI
2.2.0.0	Security	AMBARI-13138	BUG-44506	Ranger installed with HDP 2.2 doesn't handle alerts when http, https ports value are changed

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2.2.0.0	Security	AMBARI-13177	BUG-44062	(Ambari 2.1 with HDP 2.2) Ranger setup in Ambari does not respect custom service users
2.2.0.0	Security	AMBARI-13183	BUG-44772	Unable to 'Download CSV' file from the Kerberos Wizard on Safari
2.2.0.0	Security	AMBARI-13258	BUG-45066	Kerberos Wizard: next button on Confirm Configuration doesn't work after page refresh
2.2.0.0	Security	AMBARI-13278	BUG-45016	Add security-related HTTP headers to keep Ambari up to date with best-practices
2.2.0.0	Security	AMBARI-13295	BUG-45148	ACCUMULO_TRACER START failed after enabling Kerberos
2.2.0.0	Security	AMBARI-13304	BUG-45589	Add security-related HTTP headers to Views to keep Ambari up to date with best-practices
2.2.0.0	Security	AMBARI-13316	BUG-44827	Stack Advisor for hive.security.authorization.manager with Ranger enabled is not specific enough
2.2.0.0	Security	AMBARI-13321	BUG-45634	Oozie Alert Fails In Kerberized Environment That Is Not SSL
2.2.0.0	Security	AMBARI-13346	BUG-44519	Hiveserver start fails when ranger digital password used
2.2.0.0	Security	AMBARI-13354	BUG-44502	Ambari is not able to run Oozie Server which configured with different username than oozie
2.2.0.0	Security	AMBARI-13436	BUG-45065	Kerberos Wizard: null in request logs
2.2.0.0	Security	AMBARI-13441	BUG-44280	If Ambari Server is not part of the cluster, basic operations throw 500 (NPE) when Kerberos is enabled (even if it is Manual Kerberos)
2.2.0.0	Security	AMBARI-13488	BUG-45684	Add 'hive.conf.restricted.list' property under hiveserver2-site when Ranger Hive plugin is enabled
2.2.0.0	Security	AMBARI-13566	BUG-46302	After upgrade Namenode fails to start when Kerberos is enabled using HDP 2.2.8.0
2.2.0.0	Security	AMBARI-13706	BUG-46736	Ambari Alert for verifying if Ranger admin password is in sync between Ranger and Ambari
2.2.0.0	Security	AMBARI-13711	BUG-47290	AMS HBase principals for Master and RS need to have the same value
2.2.0.0	Security	AMBARI-13767	BUG-45536	Group Membership not pulled in with FreeIPA/OpenLDAP/RHELIDM
2.2.0.0	Security	AMBARI-13793	BUG-47106	Resource Manager (HA) fails to start after enabling Kerberos
2.2.0.0	Security	AMBARI-13813	BUG-47370	After kerberization, Kafka brokers fail to start
2.2.0.0	Security	AMBARI-13831	BUG-47047	After enabling kerberos with option 'Manage Kerberos principals and keytabs manually', adding new component buttons will not respond
2.2.0.0	Security	AMBARI-13837	BUG-47361	Ambari doesn't let user specify Active Directory LDAP configs when using HS2
2.2.0.0	Security	AMBARI-13875	BUG-43702	Hive View job submitted as ambari process owner, not as login user.
2.2.0.0	Security	AMBARI-13888	BUG-44995	Ranger Usersync Moving From Seconds to Millis On Stack Upgrade
2.2.0.0	Security	AMBARI-13943	BUG-48989	User cannot login after group-membership pulling in freeIPA
2.2.0.0	Security	AMBARI-14228	BUG-45773	Ambari Files View ignores alternate HDFS authorization mechanisms
2.2.0.0	Stability	AMBARI-10413	BUG-45178	Knox gateway fails to restart on Ubuntu 12.04 after system restart using custom pid dir because /usr/hdp/current/knox-server/pids does not point to custom pid dir
2.2.0.0	Stability	AMBARI-12575	BUG-38735	Overrides may have same value is original config
2.2.0.0	Stability	AMBARI-12628	BUG-46806	NameNode HA causes issues AMBARI-12628
2.2.0.0	Stability	AMBARI-12678	BUG-46243	Installing additional Kafka broker on node with hostname that comes alphabetically before existing broker fails to start

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2.2.0.0	Stability	AMBARI-12688	BUG-41914	HDFS check fails after move NameNode on NN HA cluster
2.2.0.0	Stability	AMBARI-13034	BUG-33534	If for some reason, structured-out-status.json is empty then ambari-server will fail to report any status
2.2.0.0	Stability	AMBARI-13202	BUG-44986	Blueprints: POST-ing an empty Blueprint document results in a NullPointerException
2.2.0.0	Stability	AMBARI-13267	BUG-47666	Configuring SNMP V3 Alerts in Ambari result in java.lang.NullPointerException when trap is fired
2.2.0.0	Stability	AMBARI-13279	BUG-38937	Pig view shows completed but does not state if anything went wrong.
2.2.0.0	Stability	AMBARI-13282	BUG-35816	hive-site.xml in /etc/server/conf is not updated on webhcat server
2.2.0.0	Stability	AMBARI-13286	BUG-44308	During installation of Storm/Atlas, Ambari overwrites and warns about wrong dependent configuration
2.2.0.0	Stability	AMBARI-13307	BUG-45113	Memory leak in ambari-agent caused by logger being created on every task
2.2.0.0	Stability	AMBARI-13311	BUG-45498	Ambari failing Yarn service check even when error code is 0
2.2.0.0	Stability	AMBARI-13330	BUG-45695	[Hive View] UI issue with Hive View in old Firefox browser
2.2.0.0	Stability	AMBARI-13336	BUG-45129	Flume agent specific metrics not showing up as graphs
2.2.0.0	Stability	AMBARI-13345	BUG-45151	Views: HDFS API utility needs to work with WASB
2.2.0.0	Stability	AMBARI-13352	BUG-45790	JobHistoryServer start fails with bad permissions on state directory.
2.2.0.0	Stability	AMBARI-13353	BUG-45572	Add Service wizard: Browser refresh on Assign Master page loses all installed service components
2.2.0.0	Stability	AMBARI-13355	BUG-45449	Journal node went in critical state on Ambari : message on UI : Connection failed: [Errno 111] Connection refused to 0.0.0.0:8480
2.2.0.0	Stability	AMBARI-13373	BUG-45749	hdfs balancer via ambari fails to run once HA is enabled
2.2.0.0	Stability	AMBARI-13373	BUG-45960	hdfs balancer via ambari fails to run after Ambari upgrade with NN HA enabled
2.2.0.0	Stability	AMBARI-13373 , AMBARI-13861	BUG-45961	hdfs balancer via ambari fails to run after HDP upgrade with NN HA enabled
2.2.0.0	Stability	AMBARI-13380	BUG-45320	HDFS Checkpoint window does not appear for restart all reconfigured operation on host
2.2.0.0	Stability	AMBARI-13391	BUG-45924	Long API query should be made part of request body
2.2.0.0	Stability	AMBARI-13411 , AMBARI-13517	BUG-46121	Ambari Server JVM crashed after several clicks in Web UI to navigate graphs
2.2.0.0	Stability	AMBARI-13437	BUG-43805	HDFS File caching does not work because of ulimit not being passed into the start command for datanode.
2.2.0.0	Stability	AMBARI-13459	BUG-45328	Hive Metastore Upgrade Retry Fails Because Of Driver Copy Issue
2.2.0.0	Stability	AMBARI-13471	BUG-45940	ZooKeeper "log4j.rootLogger" should have ROLLINGFILE instead of CONSOLE
2.2.0.0	Stability	AMBARI-13489	BUG-43624	MySQL Ambari Repository gives Key Too Long error messages for hostcomponentdesiredstate table.
2.2.0.0	Stability	AMBARI-13490	BUG-45793	If there are more than one ambari-server*.jar in classpath we should fail to start
2.2.0.0	Stability	AMBARI-13492	BUG-46312	NN HA wizard gets stuck when JournalNodes fail after getting started
2.2.0.0	Stability	AMBARI-13494	BUG-45061	After HDFS HA deployment and namenode move, Accumulo failed to come up.
2.2.0.0	Stability	AMBARI-13525	BUG-45803	Exception in collector logs for JOIN queries

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2.2.0.0	Stability	AMBARI-13549	BUG-46070	enabling metastore HA enables compactor initiator on all metastores.
2.2.0.0	Stability	AMBARI-13558	BUG-45314	App Timeline Server unexpectedly turn down [rarely reproduced]
2.2.0.0	Stability	AMBARI-13575	BUG-46293	Hive View query error, should use GetOperationStatus thrift api to verify if hive query is completed successfully
2.2.0.0	Stability	AMBARI-13578	BUG-46275	Hive Server Start times out due to ranger http calls
2.2.0.0	Stability	AMBARI-13636	BUG-46825	Complete is always disabled if Start all services are failed when enabling RM HA
2.2.0.0	Stability	AMBARI-13641	BUG-47084	Null Pointer exception warning message at org.apache.ambari.server.controller.metrics.timeline.cache.Timeline
2.2.0.0	Stability	AMBARI-13656	BUG-46885	oozie service check failing after reassigning host with custom service user
2.2.0.0	Stability	AMBARI-13667	BUG-39246	500 error when adding service to a host with 'HEARTBEAT LOST' status
2.2.0.0	Stability	AMBARI-13696	BUG-47075	HDFS has issues after enabling wire encryption and reconfiguring DATANODEs
2.2.0.0	Stability	AMBARI-13727	BUG-44244	Ambari JDK: need to switch to 8uXX by default when choosing Oracle JDK Option 1 during setup
2.2.0.0	Stability	AMBARI-13741	BUG-47225	API call to delete service fails with error: ORA-02292 integrity constraint violated - child record found
2.2.0.0	Stability	AMBARI-13743	BUG-47262	Flume and Storm Ambari metrics are not working
2.2.0.0	Stability	AMBARI-13744	BUG-47164	Implement ability to retry operations after database exception for blueprint deploy
2.2.0.0	Stability	AMBARI-13753	BUG-47484	Refactor code that caches stale entity references
2.2.0.0	Stability	AMBARI-13758	BUG-47367	Zookeeper quorum hosts for AMS should point to localhost for distributed mode.
2.2.0.0	Stability	AMBARI-13795	BUG-47560	Ambari Agent cannot talk to server if "test -w" command hangs
2.2.0.0	Stability	AMBARI-13862	BUG-44655	Check status of RS process for AMS in embedded mode
2.2.0.0	Stability	AMBARI-13905	BUG-47727	Add error logs to script alerts when there are failures
2.2.0.0	Stability	AMBARI-13926	BUG-47999	AMS log file not getting created
2.2.0.0	Stability	AMBARI-13945	BUG-48141	Missing HDFS tag.HAState JMX Metric Causes JavaScript Errors
2.2.0.0	Stability	AMBARI-13970	BUG-47183	Ambari 2.1.2.1 points to Incorrect Repository version [After upgraded from ambari 1.7.0]
2.2.0.0	Stability	AMBARI-14006	BUG-48079	During Component Install conf-select Shell Uses Current Working Directory That Doesn't Exist Yet
2.2.0.0	Stability	AMBARI-14017	BUG-47043	Service or component install fails when a non-ambari apt-get command is running
2.2.0.0	Stability	AMBARI-14046	BUG-48493	Refactor code that breaks transaction chaining
2.2.0.0	Stability	AMBARI-14050	BUG-48562	Produce a Warning When Jetty Pool Size Is Too Low And Increase It
2.2.0.0	Stability	AMBARI-14058	BUG-48780	"Application Tracking URL" in Tez View broken due to RM HA changes in Ambari views framework
2.2.0.0	Stability	AMBARI-14138 , HDFS-7931	BUG-47113	Upgrade Ambari Views to Hadoop 2.7.1 jar which has the fix for HDFS-7931
2.2.0.0	Stability	AMBARI-14149	BUG-48375	Python 2.7.9 or later fails to establish connection between agent and server.
2.2.0.0	Stability	AMBARI-14162	BUG-49132	Files view fails at runtime to instantiate ProtobufRpcEngine class

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2.2.0.0	Upgrade	AMBARI-11552 , AMBARI-13325	BUG-45594	Ambari-server upgrade and RU update hbase bucket cache setting incorrectly
2.2.0.0	Upgrade	AMBARI-13283	BUG-45324	Class not found exception while running step "ambari-server upgradestack HDP-2.3" for upgrade path 2.2 -> 2.3.2 Amabri DB is Oracle
2.2.0.0	Upgrade	AMBARI-13298	BUG-45218	Hive Metastore start error after stack upgrade
2.2.0.0	Upgrade	AMBARI-13314	BUG-44186	Add tooltips for status icon in Upgrade Wizard
2.2.0.0	Upgrade	AMBARI-13320	BUG-45531	Cannot Perform RU If Ambari Server Is Not A Part of the Cluster
2.2.0.0	Upgrade	AMBARI-13335	BUG-45351	Install package command during RU should honor excluded packages
2.2.0.0	Upgrade	AMBARI-13358	BUG-45751	Ambari throwing ganglia errors after upgrade
2.2.0.0	Upgrade	AMBARI-13413	BUG-45957	Finalization Fails After Manual Upgrade Because of Cluster Version State Set To UPGRADING
2.2.0.0	Upgrade	AMBARI-13418	BUG-46089	Upgrade Precheck call does not work for both upgrade types
2.2.0.0	Upgrade	AMBARI-13418	BUG-46091	Stop-and-Start Upgrade: Upgrade START call cannot find upgrade pack to use
2.2.0.0	Upgrade	AMBARI-13420	BUG-44938	RU should check for INSTALL_FAILED components before starting
2.2.0.0	Upgrade	AMBARI-13425	BUG-46228	Ambari 1.7 to 2.1.x upgrade with existing Kerberos, keytab files fail to be distributed to some hosts
2.2.0.0	Upgrade	AMBARI-13427	BUG-45424	NAMENODE START failed after upgrade ambari from 1.7.0 to 2.1.2 HA with both NN's being passive
2.2.0.0	Upgrade	AMBARI-13478	BUG-46278	Upgrade path on ORA 1.6.1 -> 2.0.1 -> 2.1.1
2.2.0.0	Upgrade	AMBARI-13568	BUG-45443	RU - Downgrade from 2.3 to 2.2 may fail if configs were not back'ed up
2.2.0.0	Upgrade	AMBARI-13572	BUG-46679	Allow any snapshots/backups to be skippable when doing RU.
2.2.0.0	Upgrade	AMBARI-13682	BUG-40322	RU Progress Popup: even though there is a failure during service check it has a green tick mark
2.2.0.0	Upgrade	AMBARI-13684	BUG-47181	Ambari Metrics Collector failed to start in Ambari 2.1.2.1 [upgraded from ambari 1.7.0]
2.2.0.0	Upgrade	AMBARI-13716	BUG-47013	Check Tez is failed(after upgrade from 1.6.1 to 2.1.2.1)
2.2.0.0	Upgrade	AMBARI-13797	BUG-46737	RU: PreCheck for consistency of password between Ranger and Ambari
2.2.0.0	Upgrade	AMBARI-13798	BUG-47651	Add ams-site resultset limit property to upgrade
2.2.0.0	Upgrade	AMBARI-13835	BUG-46674	After stack_upgrade 2.2 to 2.3 hook script fails due to missing /configurations/tez-site/tez.am.view-acls value
2.2.0.0	Upgrade	AMBARI-13836	BUG-47295	NPE when enabling security during Update Configurations stage (after upgrade from 1.6.1 to 2.1.2.1)
2.2.0.0	Upgrade	AMBARI-13872	BUG-47032	Rolling Upgrade: Configuration Groups not applied for upgrades across stack versions
2.2.0.0	Upgrade	AMBARI-13918	BUG-47356	Stack Upgrade: Kafka to call migration script when upgrading across HDP 2.3.4.0
2.2.0.0	Upgrade	AMBARI-13934	BUG-47738	Ensure upgrade request is un-affected if there exists a stage with no tasks
2.2.0.0	Upgrade	AMBARI-14122	BUG-48711	"Falcon - Oozie Integration" property are populated and marked Mandatory After rolling Upgrade
2.2.0.0	Upgrade	AMBARI-14167	BUG-49137	After Intra-Stack Upgrade Web Client Still Uses Old Stack Version In Requests
2.2.0.0	Usability	AMBARI-13208	BUG-44713	Markup issue with user button
2.2.0.0	Usability	AMBARI-13254	BUG-45191	Components filter works incorrectly on Hosts page

Version	Category	Apache Jira	HWX Jira	Summary
2.2.0.0	Usability	AMBARI-13308	BUG-45256	Config Versions list isn't updated while user is on the configs page after adding/removing HiveServer2
2.2.0.0	Usability	AMBARI-13386	BUG-44097	Browser size 1024 clips tooltips
2.2.0.0	Usability	AMBARI-13400	BUG-45740	ambari does not redirect the user to the tez ui if log in is required
2.2.0.0	Usability	AMBARI-13469	BUG-45707	spelling mistake in the help message for max capacity in capacity scheduler
2.2.0.0	Usability	AMBARI-13502	BUG-46093	Blank Tez View page is displayed if ResourceManagers are down
2.2.0.0	Usability	AMBARI-13509	BUG-46189	hdfs disk usage metric confusing
2.2.0.0	Usability	AMBARI-13576	BUG-46805	Ambari Hive View is not default with hive service
2.2.0.0	Usability	AMBARI-13584	BUG-46954	Ambari stack definition for Spark has incorrect value for SPARK_CONF_DIR
2.2.0.0	Usability	AMBARI-13651	BUG-46807	Hive View Data Visualization - Change of Tab Order
2.2.0.0	Usability	AMBARI-13685	BUG-47141	Unable to compare config Versions when chosen from 'Show more'
2.2.0.0	Usability	AMBARI-13694	BUG-47207	Code to read keydir cannot handle space in the front
2.2.0.0	Usability	AMBARI-13700	BUG-45736	hbase.root dir for metrics server does not get updated after NN HA is enabled
2.2.0.0	Usability	AMBARI-13709	BUG-46889	When editing alert notifications, changes to severity are not reflected
2.2.0.0	Usability	AMBARI-13786	BUG-47565	Ambari HDFS files (View) appends several "non-printable" characters at the end of the file.
2.2.0.0	Usability	AMBARI-13806	BUG-45886	Multi statement queries with errors after the first statement cause orphaned AMs
2.2.0.0	Usability	AMBARI-13817	BUG-46598	HDP-2.3 does not have the ability to set heapsize for hive components
2.2.0.0	Usability	AMBARI-13821	BUG-47768	Info about kafka ranger plugin state does not appeared after adding kafka
2.2.0.0	Usability	AMBARI-13890	BUG-44940	Configs: Values/units for HiveServer2 Heap Size overlapping on slider
2.2.0.0	Usability	AMBARI-13897	BUG-46088	Ambari does not configure hbase.coprocessor.regionserver.classes
2.2.0.0	Usability	AMBARI-13965	BUG-45635	Ambari CS View "Ambari Cluster URL" setting regex is too restrictive
2.2.0.0	Usability	AMBARI-13986	BUG-47617	Hive View : Upload Table tab : Distorted alignment of form fields
2.2.0.0	Usability	AMBARI-14082	BUG-47616	Hive View : In Database Explorer the scroll bar come over the show table button
2.2.0.0	Usability	AMBARI-7591	BUG-45766	ambari-server Should Return Correct System Level Run Code