

Hortonworks Data Platform

Ambari 2.2.2.0 Release Notes

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Hortonworks Data Platform : Ambari 2.2.2.0 Release Notes

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1. Release Notes Ambari - 2.2.2.0

The Release Notes summarize and describe the following information released in Ambari 2.2.2.0:

- [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. New Features in Ambari 2.2.2.0

Feature	Description
Ambari Metrics: Grafana AMBARI-14892	Ambari Metrics now includes Grafana with pre-built dashboards for HDFS, YARN and HBase. See the Ambari User's Guide for more information.
Customizable WEB Alert Timeout AMBARI-14788	Ability to configure the Connection Timeout for WEB alerts via Ambari Web UI.
Alert instance filtering AMBARI-14683	Ability to sort and filter alert instances via the Ambari Web UI.
Bulk host operation to re-install failed components AMBARI-14731	Ability to perform a bulk host operation to re-install failed components.
Blueprints: Ranger AMBARI-13421	Support for installing a cluster via a Blueprint that includes Ranger components, Ranger plugins and Ranger HA configuration.
Blueprints: Kerberos AMBARI-13431	Support for installing a cluster via a Blueprint that has Kerberos enabled.
Blueprints: Recommendations AMBARI-13487	Support for applying Stack Advisor recommendations when installing a cluster via a Blueprint.

Table 1.2. New Features in Ambari 2.2.1.1

Feature	Description
Storm and Kafka Dashboard Widgets AMBARI-14941	Ability to customize the Metric widgets displayed on Storm and Kafka Service Summary pages.

Table 1.3. 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 1.4. 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 AMBARI-13421	This feature is Technical Preview . Support for installing a cluster via a Blueprint that includes Ranger components, Ranger plugins and Ranger HA configuration.
Blueprints: Kerberos AMBARI-13431	This feature is Technical Preview . Support for installing a cluster via a Blueprint that has Kerberos enabled.
Blueprints: Recommendations AMBARI-13487	This feature is Technical Preview . Support for applying Stack Advisor recommendations when installing a cluster via a Blueprint.
Ranger Guided Configs AMBARI-13263	Service Configs for Ranger include new UI controls and improved organization/layout.

1.2. Behavioral Changes

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

Table 1.5. Ambari 2.2 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 2.2, 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 \${cluster-name} 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 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 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.

Apache Jira	HWX Jira	Title	Description
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 Removed	Ambari support for installing and managing HDP 2.1 has been removed. Before upgrading to Ambari 2.2, you must first upgrade to HDP 2.2 using either Ambari 2.0 (or later) . Once running HDP 2.2, you can upgrade your current Ambari to Ambari 2.2.
		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 2.0 (or later) . Once running HDP 2.2, you can upgrade your current Ambari to Ambari 2.2.
		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 2.2.2.0 is based on Apache Ambari 2.2.2 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 2.2.2.0 needs to remain at this package version level to ensure a certified and supported copy of Ambari 2.2.2.0.

1.4. Common Vulnerabilities and Exposures

Ambari 2.2.2.0 includes no fixes for information-security **Common Vulnerabilities and Exposures** (CVEs).

Ambari 2.2.1.1 includes no fixes for information-security **Common Vulnerabilities and Exposures** (CVEs).

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 2.2.2.0 has the following known issues, scheduled for resolution in a future release. Also, refer to the [Ambari Troubleshooting Guide](#) for additional information.

Table 1.6. Ambari 2.2.2 Known Issues

Apache Jira	HWX Jira	Problem	Solution
	BUG-57058	After Downgrading during an HDP 2.2 to HDP 2.3 (or later) upgrade and then enabling Kerberos, Hive Metastore shows alerts.	Perform a cluster upgrade from HDP 2.2 but do not Finalize. Instead, perform a Downgrade. The Downgrade will succeed but if you attempt to enable Kerberos in the cluster, there may be alerts for each Hive Metastore in the cluster. The cluster is fully functional and the alerts are incorrect. To correct clear the alerts, on each host with a Hive Metastore remove the <code>/usr/hdp/current/hive-metastore/conf/conf.server</code> directory.
	BUG-55954	Unable to change ATS heapsize after Ambari 2.2.1.1 (or later) upgrade.	If you have previously installed HDP 2.3 or HDP 2.4 with Ambari Server 2.2.1.0 or earlier, the <code>yarn-env</code> template may have incorrect value that prevents the YARN AppTimelineServer (ATS) heapsize changes from taking effect. To correct this issue, go to Services > YARN > Configs > Advanced > Advanced yarn-env and examine the content of <code>yarn-env</code> template. If the template has this entry: <pre>export YARN_HISTORYSERVER_HEAPSIZE={{apptimelineserver_heapsize}}</pre> The entry needs to be changed to: <pre>export YARN_TIMELINESERVER_HEAPSIZE={{apptimelineserver_heapsize}}</pre>
	BUG-55863	HiveServer2 and Hive Metastore can fail to start with the below error after a Downgrade.	If you perform an HDP Downgrade, HiveServer2 and Hive Metastore can fail to start after the downgrade completes. This happens because the Hive config: hive.metastore.schema.validation=true <pre>Error in HiveServer2 and metastore logs : MetaException(message:Hive Schema version 1.2.0 does not match metastore's schema version 1.2.1000 Metastore is not upgraded or corrupt)</pre>

Apache Jira	HWX Jira	Problem	Solution
			<p>You can correct this situation, and get the HiveServer2 and Hive Metastore to start by changing the Hive config to:</p> <pre>hive.metastore.schema.verification=false</pre>
	BUG-49728	When adding a ZooKeeper service, Kafka property is not updated.	<p>If you are running Kafka and add an additional ZooKeeper server to your cluster, the zookeeper.connect property is not automatically updated to include the newly added ZooKeeper server.</p> <p>You must manually add the ZooKeeper server to the zookeeper.connect property.</p>
	BUG-40120	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>

Apache Jira	HWX Jira	Problem	Solution
			<p>where hostname here should be replaced by one of the zookeeper nodes</p> <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 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>
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 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
2.2.2.0	Other	AMBARI-14497	BUG-49661	NFS Gateway fails to start with /tmp/.hdfs-nfs warning in logs
2.2.2.0	Other	AMBARI-14769	BUG-51277	Stack advisor AMS memory validation seems wrong
2.2.2.0	Other	AMBARI-14790	BUG-51217	oozie configs rotate oozie logs that are too small
2.2.2.0	Other	AMBARI-14801	BUG-40323	Alerts: HBase Region servers alert should determine RegionServer liveness differently
2.2.2.0	Other	AMBARI-14808	BUG-51265	Add Oozie limits.conf for Oozie User as done for HDFS/YARN
2.2.2.0	Other	AMBARI-14812	BUG-51635	Alerts API Does Not Honor JPA Sorting
2.2.2.0	Other	AMBARI-14814	BUG-50992	Ambari not showing active/standby status for NameNodes when custom ports are used
2.2.2.0	Other	AMBARI-14833	BUG-51709	Add role command order Start/Stop dependency between Metrics Collector and Zookeeper Server
2.2.2.0	Other	AMBARI-14857	BUG-51671	Ambari UI does not accept dfs.data.dir entries with file protocol when enabling 'storage type' feature
2.2.2.0	Other	AMBARI-14882	BUG-51104	AMS aggregates Counter values as average over the timeseries (and other issues)
2.2.2.0	Other	AMBARI-14954	BUG-52090	Adding HiveServer2 should not change "hadoop.proxyuser.webhcat.hosts" property
2.2.2.0	Other	AMBARI-15010	BUG-52438	YARN metrics not written due to permissions on metrics properties file
2.2.2.0	Other	AMBARI-15026	BUG-52504	Hadoop metrics emit interval seems to be 1 minute instead of 10 seconds default
2.2.2.0	Other	AMBARI-15029	BUG-52124	Adding a Service results in deleting Config Group mappings (more than 1 CG present)
2.2.2.0	Other	AMBARI-15034	BUG-52433	Add checks and alerts when clusterconfigmapping has multiple selected entries for a config type
2.2.2.0	Other	AMBARI-15157	BUG-51748	Cannot change hive.metastore.warehouse.dir to S3
2.2.2.0	Other	AMBARI-15184	BUG-51698	Host with uppercased symbols was not registered during deploy via blueprints
2.2.2.0	Other	AMBARI-15281	BUG-53676	Ambari server does not honor the gzip compression correctly
2.2.2.0	Other	AMBARI-15286	BUG-53520	Alerts are not triggered when ambari agent is down
2.2.2.0	Other	AMBARI-15293	BUG-53234	Capture HDFS metrics per RPC port number in AMS and Grafana
2.2.2.0	Other	AMBARI-15332	BUG-53978	Hive View: Using multiple 'set' commands in query does not set properties properly
2.2.2.0	Other	AMBARI-15346	BUG-53982	Hive view: Visual Explain does not work when there are multiple statements in the query editor
2.2.2.0	Other	AMBARI-15426	BUG-54041	changing jdk version being used by HDP does not work

Version	Category	Apache Jira	HWX Jira	Summary
2.2.2.0	Other	AMBARI-15429	BUG-50422	Cannot specify ZooKeeper heap size via UI
2.2.2.0	Other	AMBARI-15521	BUG-54526	Set spark.hadoop.cacheConf=false when starting spark thrift server
2.2.2.0	Other	AMBARI-15627	BUG-54860	Ambari is expecting hadoop client package and configuration, even if no HDFS components are installed on this host
2.2.2.0	Performance	AMBARI-14694	BUG-51067	Possible resource leak in the metrics collector code
2.2.2.0	Performance	AMBARI-15013	BUG-52474	concurrent modification exception when syncing from ldap
2.2.2.0	Performance	AMBARI-15027	BUG-50493	Sometimes Yarn graphs, Heatmaps take longer to load
2.2.2.0	Performance	AMBARI-15110	BUG-52873	On large cluster clicking on 'Install Packages' does not show the 'Installing' progress bar
2.2.2.0	Performance	AMBARI-15205	BUG-52843	Registering 700 hosts gets stuck without timeout on 8 hosts
2.2.2.0	Performance	AMBARI-15363	BUG-53935	Postgres And c3p0 Queries Can Hang Ambari On Large Queries
2.2.2.0	Performance	AMBARI-15371	BUG-54082	Increase the default http header size of the Ambari server to 64k
2.2.2.0	Security	AMBARI-14641 , AMBARI-14847	BUG-50104	Concurrent kinit Commands Cause Alerts To Randomly Trigger
2.2.2.0	Security	AMBARI-14702	BUG-50907	disabling kerberos does not remove auth to local rules
2.2.2.0	Security	AMBARI-14778	BUG-51422	Ambari Server CA should use sha256 as default message digest algorithm
2.2.2.0	Security	AMBARI-14791	BUG-51078	improve logging for when ambari does not have permissions to read the ambari server keytab
2.2.2.0	Security	AMBARI-14798	BUG-51499	Ambari forcing users to lowercase on ldap sync
2.2.2.0	Security	AMBARI-14845	BUG-51630	Kerberized cluster with RM HA contain incorrect proxyuser yarn properties
2.2.2.0	Security	AMBARI-14905	BUG-52021	Add API directive to force toggling Kerberos if the cluster's security type has not changed
2.2.2.0	Security	AMBARI-14918	BUG-51992	enabling ranger caused proxy settings for user hive in hdfs to get updated
2.2.2.0	Security	AMBARI-14938	BUG-52207	Some user-specified auth-to-local rules fail to render when auto generating auth-to-local rules
2.2.2.0	Security	AMBARI-14942	BUG-52092	Reinstallation of a failed component should ask for Kerberos password
2.2.2.0	Security	AMBARI-15008	BUG-52022	Use force_toggle_kerberos directive when retrying enable Kerberos on failure
2.2.2.0	Security	AMBARI-15031	BUG-52611	Duplicate key violation syncing groups when performing ldap-sync with -all option
2.2.2.0	Security	AMBARI-15044	BUG-52678	HDFS API ignores "fs.permissions.umask-mode" property

Version	Category	Apache Jira	HWX Jira	Summary
2.2.2.0	Security	AMBARI-15218	BUG-53420	Suppress error message when trying to get defaultRealm in non kerberized environment
2.2.2.0	Security	AMBARI-15220	BUG-52986	Multiple components failed to start when deploying secured cluster via blueprint
2.2.2.0	Security	AMBARI-15228	BUG-52026	Ambari overwrites permissions on HDFS directories
2.2.2.0	Security	AMBARI-15242	BUG-53361	Ambari override trustore when executing "ambari-server setup-ldap"
2.2.2.0	Security	AMBARI-15242	BUG-53360	Ambari lost trustore when executing "ambari-server setup-ldap"
2.2.2.0	Security	AMBARI-15251	BUG-53381	Ambari - Managed KDC Credentials is not saving the Admin Principal and Admin Password when Adding Services.
2.2.2.0	Security	AMBARI-15295	BUG-53064	HBase RS decommission issue in secure cluster
2.2.2.0	Security	AMBARI-15296	BUG-53059	Missing property: hive.server2.authentication.kerberos.keytab
2.2.2.0	Security	AMBARI-15324	BUG-53953	Kerberos Tickets Expire Too Frequently For Alerts
2.2.2.0	Security	AMBARI-15369	BUG-53967	Ambari cannot enable NN HA in kerberos env
2.2.2.0	Security	AMBARI-15424	BUG-53524	Manual re-execution is required after entering the password for LDAP
2.2.2.0	Security	AMBARI-15456	BUG-54351	Manual Kerberos: JS error on clicking next button of "Configure Identities page" on Add Service wizard
2.2.2.0	Security	AMBARI-15484	BUG-51181	enable ssl for ambari does not update the tez view url in tez-site.xml
2.2.2.0	Security	AMBARI-15645	BUG-51331	Upgrading Kerberized JournalNode requires HDFS principal to perform 'role edits' task
2.2.2.0	Security	AMBARI-15761	BUG-55667	While creating WEB URLs for Alerts, if we add http/https then we should not drop the URL path past port number
2.2.2.0	Security	AMBARI-6652	BUG-53584	Ambari tries to create local users/groups with a Kerberized cluster
2.2.2.0	Stability	AMBARI-12931	BUG-41958	Ambari shows "Corrupted Blocks" but it is "Corrupted replica"
2.2.2.0	Stability	AMBARI-13002	BUG-43943	NN HA Wizard should not start if any service is in maintenance mode
2.2.2.0	Stability	AMBARI-13946	BUG-52293	Non NameNode-HA properties still in hdfs-site.xml after enabling HA
2.2.2.0	Stability	AMBARI-14722	BUG-50904	Blueprint deployed Cluster provisioning is failing due to DataNode start
2.2.2.0	Stability	AMBARI-14785	BUG-51489	Hive View: "NO DAG Available" on TEZ tab when ambari is running behind proxy
2.2.2.0	Stability	AMBARI-14799	BUG-51574	Metric Monitor crashes with NoSuchProcess exception
2.2.2.0	Stability	AMBARI-14807	BUG-51254	Systemd on RHEL/CentOS 7.2 breaks ambari-server startup
2.2.2.0	Stability	AMBARI-14866	BUG-51775	Increase timeout for server-side tasks
2.2.2.0	Stability	AMBARI-14915	BUG-51941	Ambari Server should not use /tmp for extraction

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2.2.2.0	Stability	AMBARI-14926	BUG-54974	ambari cached hdfs.py conflicts with python hdfs lib resulting into monitoring errors
2.2.2.0	Stability	AMBARI-14984	BUG-52383	Script Alert Parameters With Shell Characters Are Not Properly Escaped
2.2.2.0	Stability	AMBARI-15012	BUG-51985	Query not executing for table mentioned in the editor, but rather what is selected.
2.2.2.0	Stability	AMBARI-15045	BUG-52493	NPE in ambari server log related tez view
2.2.2.0	Stability	AMBARI-15063	BUG-52681	Metrics monitor fails on restart
2.2.2.0	Stability	AMBARI-15100	BUG-52943	OOM on TimelineMetricCache in Nodemanager
2.2.2.0	Stability	AMBARI-15115	BUG-52919	Agent bootstrap/registration fails in multi-byte language environments
2.2.2.0	Stability	AMBARI-15155	BUG-53107	Change in hadoop-env for YARN does not require YARN restart in Ambari
2.2.2.0	Stability	AMBARI-15158	BUG-51920	RM fails to start: IOException: /ats/active does not exist
2.2.2.0	Stability	AMBARI-15167	BUG-53155	Host API fails with multi-value filter
2.2.2.0	Stability	AMBARI-15199	BUG-53329	ranger kms install fails if log dir does not exist
2.2.2.0	Stability	AMBARI-15202	BUG-18223	Status commands temporary break host component state machine
2.2.2.0	Stability	AMBARI-15233	BUG-53550	Don't copy fast-hdfs-resource.jar if sys_prepped
2.2.2.0	Stability	AMBARI-15235	BUG-53459	Display tag for StandBy name node should not be changed to NameNode if there is an active namenode
2.2.2.0	Stability	AMBARI-15282	BUG-53738	Accumulo Service Check fails due to timeout after deployment
2.2.2.0	Stability	AMBARI-15328	BUG-51649	Exception on manual start of AMS is misleading
2.2.2.0	Stability	AMBARI-15335	BUG-53989	Hive View : Upload table not handling detached cluster properly
2.2.2.0	Stability	AMBARI-15372	BUG-53879	Zookeeper service check fails after removing a host
2.2.2.0	Stability	AMBARI-15405	BUG-54149	HDP 2.3.4 package install through Ambari on SLES11 hosts fails
2.2.2.0	Stability	AMBARI-15428	BUG-53955	fix HBase master heap recommendations
2.2.2.0	Stability	AMBARI-15438	BUG-54372	Capacity Scheduler view is not working when using custom configuration
2.2.2.0	Stability	AMBARI-15457	BUG-53597	Blueprints - Cannot insert host that belongs to multiple topology_hostgroups
2.2.2.0	Stability	AMBARI-15491	BUG-54238	Non NameNode-HA properties still in hdfs-site.xml after enabling HA (scripts refer to non-existent property values)
2.2.2.0	Stability	AMBARI-15534	BUG-54584	Unable to restart Falcon server
2.2.2.0	Stability	AMBARI-15558	BUG-54562	ambari-agent upstart script broken in RHEL6
2.2.2.0	Stability	AMBARI-15558	BUG-54545	initctl returns error 'unknown job' for the ambari-agent
2.2.2.0	Stability	AMBARI-15597	BUG-54714	After enabling SSL for Resource Manager, getting a constant Ambari Alert: Connection failed to

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				https://0.0.0.0:8044/ws/v1/node/info (No JSON object could be decoded)
2.2.2.0	Stability	AMBARI-15601	BUG-54178	HA Namenode Move failed on Delete disabled NameNode+ZKFC stage
2.2.2.0	Stability	AMBARI-15606	BUG-53962	Ambari API does not return HDFS RPC metrics based on ports
2.2.2.0	Stability	AMBARI-15632	BUG-55152	Move wizard failed on Delete component operation if component is in MM
2.2.2.0	Stability	AMBARI-15635	BUG-55095	ambari is setting very small limits for kafka causing failures with too many files open error
2.2.2.0	Stability	AMBARI-15643	BUG-55322	During cluster creation using Blueprints the cluster creation request has incorrect COMPLETED state instead of PENDING.
2.2.2.0	Stability	AMBARI-15789	BUG-55747	If initial NN start runs into problem while communicating with JN, restart does not work
2.2.2.0	Stability	AMBARI-15795	BUG-55873	Parallel execution should only be allowed on commands that have auto retry enabled
2.2.2.0	Upgrade	AMBARI-13424	BUG-51345	Allow disabling RU/EU PreChecks
2.2.2.0	Upgrade	AMBARI-14764	BUG-50791	MapReduce, Oozie service check failures after upgrade finished
2.2.2.0	Upgrade	AMBARI-14824	BUG-51573	Unexpected icon for service check during rolling upgrade while Skip all Service Check failures enabled
2.2.2.0	Upgrade	AMBARI-14831	BUG-51673	Upgrading ambari-server from 2.0.1 to 2.2.0 sets incorrect value for 'storm.zookeeper.superACL'
2.2.2.0	Upgrade	AMBARI-14838	BUG-51545	UI - cannot "Pause Downgrade" during RU
2.2.2.0	Upgrade	AMBARI-14897	BUG-51937	Rolling Upgrade: upgrade group status not updated
2.2.2.0	Upgrade	AMBARI-14937	BUG-51676	Show error message when installing registered version which does not have repo defined for the OS
2.2.2.0	Upgrade	AMBARI-14950	BUG-51840	EU: Oozie service check failed after downgrade with multiple Oozie servers since rerunning prepare-war removes webapps/oozie folder
2.2.2.0	Upgrade	AMBARI-14961	BUG-52030	Ambari overwrites auth_to_local rules in core-site.xml
2.2.2.0	Upgrade	AMBARI-14979	BUG-52235	Ambari Upgrade should not automatically add stack properties that reference localhost like dfs.namenode.secondary.http-address, mark with DONT_ADD_ON_UPGRADE
2.2.2.0	Upgrade	AMBARI-15005	BUG-52507	Ambari Server upgrade makes unwanted changes to capacity-scheduler.xml
2.2.2.0	Upgrade	AMBARI-15006	BUG-52508	Ambari Server Upgrade adds unneeded Atlas properties even though Atlas is not needed, causing forced Hive restart
2.2.2.0	Upgrade	AMBARI-15017	BUG-52226	RU/EU has to calculate ranger-env config ranger_privilege_user_jdbc_url

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2.2.2.0	Upgrade	AMBARI-15064	BUG-52240	RU/EU can't start if hosts have name in MixedCASE in configs for NameNode, HBASE Master, ResourceManager
2.2.2.0	Upgrade	AMBARI-15066	BUG-51838	Spark History server does not start after downgrade due to missing spark-events directory
2.2.2.0	Upgrade	AMBARI-15127	BUG-51417	Express Upgrade reported 'tuple concurrently updated' error during restart of Ranger Admin in HA setup
2.2.2.0	Upgrade	AMBARI-15168	BUG-52298	hbase-env incorrect after Ambari 2.2 upgrade
2.2.2.0	Upgrade	AMBARI-15182	BUG-52851	Ambari-server executable not present after upgrade to 2.2.2 on rpm-based systems
2.2.2.0	Upgrade	AMBARI-15253	BUG-52758	Ambari upgrade fails if there is incorrect version in upgrade table
2.2.2.0	Upgrade	AMBARI-15315	BUG-53795	kafka commands throw an error after upgrading to HDP 2.4 from HDP 2.3
2.2.2.0	Upgrade	AMBARI-15345	BUG-53769	Multiple issues during EU from HDP 2.4.0.0-157 to 2.4.0.0-169 on SLES 11
2.2.2.0	Upgrade	AMBARI-15348	BUG-53686	Ambari upgrade/start commands should detect any ambari-server hotfix and fail upgrade/start from proceeding
2.2.2.0	Upgrade	AMBARI-15355	BUG-53792	After EU from 2.2 -> 2.3 HBase region server started failed with memory error
2.2.2.0	Upgrade	AMBARI-15374	BUG-53920	Check To Ensure That All Components Are On The Same Version Before Upgrading
2.2.2.0	Upgrade	AMBARI-15397	BUG-52008	Rolling Upgrade: incorrect display_status of upgrade groups
2.2.2.0	Upgrade	AMBARI-15419	BUG-54102	After EU Some Services Fail To Start Because of Missing JKS Files
2.2.2.0	Upgrade	AMBARI-15469	BUG-54304	After upgrading from Ambari 2.1.2 to 2.2.1, HDP from 2.3.0 to 2.3.4 , user is getting 'Consistency Check Failed' error while trying to save configuration in Ranger, Hive and HBase
2.2.2.0	Upgrade	AMBARI-15482	BUG-54237	Restarting HDFS Before Upgrade Finalizing Does Not Supply the rollingUpgrade Flag
2.2.2.0	Upgrade	AMBARI-15520	BUG-54625	Add more warning on Pause button saying no topology changes.
2.2.2.0	Upgrade	AMBARI-15569	BUG-54139	Ambari calculates stack downgrade as ABORTED under incorrect conditions. UI shows 'Downgrade paused' and button to resume downgrade even when progress is happening
2.2.2.0	Upgrade	AMBARI-15637	BUG-54940	If RU/EU is paused, services are restarted on the older version. EU is more complex since stopping services should use the original version.
2.2.2.0	Upgrade	AMBARI-15747	BUG-54427	Kafka jaas files are not generated on a Kafa rolling upgrade if security.inter.broker.protocol is not set to PLAINTEXTSASL in secure cluster

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2.2.2.0	Upgrade	AMBARI-15759	BUG-55700	No Storm widgets after upgrading to Ambari 2.2.1.1
2.2.2.0	Upgrade	AMBARI-15774	BUG-55677	Ambari upgrade fails with MySQL DB and enforce gtid enabled
2.2.2.0	Upgrade	AMBARI-15816	BUG-53436	EU/RU - cannot resume upgrade after pausing on a manual task
2.2.2.0	Upgrade	AMBARI-15929	BUG-56005	RU: Some service checks were failed during RU
2.2.2.0	Upgrade	AMBARI-15980	BUG-55870	RU/EU Precheck fails on Ranger Admin with SSL Because Of Missing Truststore
2.2.2.0	Usability	AMBARI-14765	BUG-51313	Too many ticks on the graph if large custom time range is specified
2.2.2.0	Usability	AMBARI-14787	BUG-51234	Widgets doesn't load on Summary page layout after new ones are created
2.2.2.0	Usability	AMBARI-14810	BUG-51390	When there are multiple Job History Servers in the cluster, QuickLinks should show the URL for all instances
2.2.2.0	Usability	AMBARI-14827	BUG-51667	HiveViews: Value in first cell coming up as null for select query
2.2.2.0	Usability	AMBARI-14830	BUG-49700	Clients names different on host details page and filter
2.2.2.0	Usability	AMBARI-14868	BUG-51570	Remove Host Check for Ganglia directories
2.2.2.0	Usability	AMBARI-14907	BUG-50476	"No Data No available data for the time period." instead metrics widget on host details page for 1 year period
2.2.2.0	Usability	AMBARI-14967	BUG-52014	Incorrect behavior of period combobox/ metrics on Dashboard page after resetting all widgets to default
2.2.2.0	Usability	AMBARI-14992	BUG-51515	Upon changing the time range for displaying graphs, UI does not show feedback (doesn't update and keeps showing the same graph) when data is not available
2.2.2.0	Usability	AMBARI-15015	BUG-52357	UI adds config properties that are not necessary
2.2.2.0	Usability	AMBARI-15049	BUG-49817	Sometimes background operations have incorrect order
2.2.2.0	Usability	AMBARI-15056	BUG-52554	Long hostnames are not truncated in Alerts dialog
2.2.2.0	Usability	AMBARI-15160	BUG-51847	YARN restart icon appeared after 5 minutes after reconfig
2.2.2.0	Usability	AMBARI-15298	BUG-53677	Setup of Ambari DB for postgres says to use wrong .sql script
2.2.2.0	Usability	AMBARI-15488	BUG-37316	Text field is displayed instead of Hive default query queue dropdown
2.2.2.0	Usability	AMBARI-15567	BUG-54954	UrlStreamProvider emits critical exceptions in debug mode only
2.2.1.1	Other	AMBARI-12597	BUG-52344	Ambari should support custom stack names
2.2.1.1	Other	AMBARI-14023		Phoenix command line tool support
2.2.1.1	Other	AMBARI-14842		ambari agent upstart support
2.2.1.1	Other	AMBARI-14951	BUG-53458	Tez Ambari View: Add protocol configuration for YARN

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2.2.1.1	Other	AMBARI-14973	BUG-52342	ambari-agent upstart script restart triggers the restart of hbase specific JVM processes
2.2.1.1	Other	AMBARI-14989		Inconsistent HIVE CBO setting presentation
2.2.1.1	Other	AMBARI-15007	BUG-52271	Make amazon2015 to be part of redhat6 family
2.2.1.1	Other	AMBARI-15043	BUG-52690	ambari server upstart support
2.2.1.1	Other	AMBARI-15057	BUG-52747	Oozie untar and prepare-war should be only done exclusively in preupload.py
2.2.1.1	Other	AMBARI-15101		Remove the dependency between ZK start and Ranger user sync start
2.2.1.1	Other	AMBARI-15125	BUG-53041	Preupload.py should user hdfs_path_prefix
2.2.1.1	Other	AMBARI-15151	BUG-53112	Add PHD-3.4 and above stack definitions in pluggable stack config
2.2.1.1	Other	AMBARI-15233	BUG-53550	Don't copy fast-hdfs-resource.jar if sys_prepped
2.2.1.1	Other	AMBARI-15270	BUG-53568	Make AMS HBase initialization check optional through a config
2.2.1.1	Performance	AMBARI-14949		Ambari preupload should skip uploading oozie shared lib for upgrade
2.2.1.1	Performance	AMBARI-14982		Change AMS configs to deal with slow writes to WASB
2.2.1.1	Performance	AMBARI-15011		Decrease the load on ambari database after cluster creation
2.2.1.1	Performance	AMBARI-15030		Fix unreasonable default heap settings for AMS HBase heapsize and xmn size.
2.2.1.1	Performance	AMBARI-15079	BUG-52858	Preupload.py should pre-create hdfs directories
2.2.1.1	Performance	AMBARI-15123		Ambari's App Timeline Web UI Alert tries make http heavy call timelineserver:httpPort which can also cause OOM
2.2.1.1	Stability	AMBARI-14035		\$.timeago for alert instance and alert definitions should use not converted with timezone timestamps
2.2.1.1	Stability	AMBARI-14715		TimelineServer configuration is missing in yarn-env.xml.
2.2.1.1	Stability	AMBARI-14722	BUG-51921	Blueprints: Stack advisor should consider user provided inputs on "ONLY_STACK_DEFAULTS_APPLY" strategy
2.2.1.1	Stability	AMBARI-14745		Ambari server throws error when unused configs are present in blueprint
2.2.1.1	Stability	AMBARI-14786		Localhost configuration value for multiple host properties does not work properly
2.2.1.1	Stability	AMBARI-14833		Add role command order Start/Stop dependency between Metrics Collector and Zookeeper Server
2.2.1.1	Stability	AMBARI-14901		NPE when configuring Kerberos at provisioning secure cluster with Blueprint

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2.2.1.1	Stability	AMBARI-15004		RU/EU: Upgrading Oozie database fails since new configs are not yet written to /usr/hdp/current/oozie-server/conf
2.2.1.1	Stability	AMBARI-15029	BUG-52124	Adding a Service results in deleting Config Group mappings (more than 1 CG present)
2.2.1.1	Stability	AMBARI-15063	BUG-52681	Metrics monitor fails on restart
2.2.1.1	Stability	AMBARI-15092	BUG-52912	Oozie sharelib missing SQL JDBC driver
2.2.1.1	Stability	AMBARI-15099		Ambari missing metrics in UI with Vip settings enabled.
2.2.1.1	Stability	AMBARI-15129	BUG-53066	Oozie server unable to load JDBC driver
2.2.1.1	Stability	AMBARI-15141		Start all services request aborts in the middle and hosts go into heartbeat-lost state
2.2.1.1	Stability	AMBARI-15158	BUG-53379	Resource Manager fails to start: IOException: /ats/active does not exist
2.2.1.1	Stability	AMBARI-15200	BUG-53062	Unusable configs after creating override.
2.2.1.1	Stability	AMBARI-15280	BUG-53785	Config version remains is_current=true even after it's group is deleted
2.2.1.1	Stability	AMBARI-15303		New Alerts Do Not Honor Existing Maintenance Mode Setting
2.2.1.1	Upgrade	AMBARI-15017	BUG-52226	RU/EU has to calculate ranger-env config ranger_privilege_user_jdbc_url
2.2.1.1	Upgrade	AMBARI-15072	BUG-52794	Failures in Express Upgrade from HDP 2.2 to HDP 2.5 due to missing modules
2.2.1.1	Upgrade	AMBARI-15098	BUG-52877	Ambari Schema Version should ignore patch number from version number
2.2.1.1	Upgrade	AMBARI-15163	BUG-53289	'ambari-server start' is failed [import FatalException, NonFatalException] after upgrade from 2.1.2 ... 2.2.0.0 etc to 2.2.1.1
2.2.1.1	Upgrade	AMBARI-15173	BUG-53146	Express Upgrade Stuck At Manual Prompt Due To HRC Status Calculation Cache Problem
2.2.1.1	Usability	AMBARI-14810		When there are multiple Job History Servers in the cluster, QuickLinks should show the URL for all instances
2.2.1.1	Usability	AMBARI-14940		Tez Ambari View: Improve host configuration logic
2.2.1.1	Usability	AMBARI-14941	BUG-51780	Convert Storm and Kafka to use enhanced dashboard widgets
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

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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
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

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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

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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
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

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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
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 database 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

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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
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

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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 prinicpals 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-

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				server/pids does not point to custom pid dir
2.2.0.0	Stability	AMBARI-12575	BUG-38735	Overrides may have same value as 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
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

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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
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.c
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

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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
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

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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'd 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

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2.2.0.0	Usability	AMBARI-13254	BUG-45191	Components filter works incorrectly on Hosts page
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