

# Hortonworks Data Platform

## Ambari 2.1.1 Release Notes

(Aug 28, 2015)

## Hortonworks Data Platform : Ambari 2.1.1 Release Notes

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# 1. Release Notes Ambari - 2.1.1

## RELEASE NOTES: Apache Ambari 2.1.1

The Ambari 2.1.1 Release Notes summarize and describe the following information released in Ambari 2.1.1.

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

## 1.1. Behavioral Changes

Ambari 2.1.1 includes the following behavioral changes.

**Table 1.1. Ambari 2.1.1 Behavioral Changes**

Apache Jira	HWX Jira	Title	Description
<a href="#">AMBARI-9784</a>	BUG-32201	JDK Support	Added support for JDK 1.8 and removed support for JDK 1.6. You must upgrade to JDK 1.7 in your current Ambari before upgrading to Ambari 2.1.
<a href="#">AMBARI-9791</a>	BUG-32223	OS Support	Added support for RHEL/CentOS/Oracle Linux 7 and removed support for RHEL/CentOS/Oracle Linux 5. You must be running RHEL/CentOS/Oracle Linux 6 or 7 before upgrading to Ambari 2.1.
<a href="#">AMBARI-6646</a>	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
<a href="#">AMBARI-10506</a>	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.
<a href="#">AMBARI-12258</a>	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.
<a href="#">AMBARI-10648</a>	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.
<a href="#">AMBARI-9794</a>	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

Apache Jira	HWX Jira	Title	Description
			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.
<a href="#">AMBARI-10400</a>	BUG-34054	Sudo Usage	When Ambari Agents are configured to run as non-root, Ambari will use sudo to execute commands. Therefore, sudo must be available in order to run non-root Agents. If you are not running a non-root Agent configuration, sudo will not be used to execute commands.
		Removed SLES 11 SP1 support	SLES 11 SP1 or SP3 can be used with Ambari when installing and managing HDP 2.2, 2.1 or 2.0 clusters. SLES 11 SP1 cannot be used with Ambari installing and managing HDP 2.3. You must use SLES 11 SP3.
		Ubuntu and Debian Support	Ambari 2.1.0 does not support Ubuntu 12.0.4, Ubuntu 14.0.4 or Debian 7; Hortonworks will add support for Ubuntu 12.0.4, Ubuntu 14.0.4 and Debian 7 in a later Ambari 2.1 maintenance release. If Ubuntu is critical to your environment today, do not use Ambari 2.1 and instead use Ambari 2.0.1 or a later Ambari 2.0 maintenance release.
		HDP Stack Support	Ambari support for HDP 2.0 and HDP 2.1 is deprecated starting with Ambari 2.1 release. Support for these HDP Stacks will be removed in a future Ambari release.
		HDP 2.0 or HDP 2.1 Upgrade	Ambari 2.1 does <b>not</b> support directly upgrading from HDP 2.0 or HDP 2.1 to HDP 2.3. In order to upgrade from HDP 2.0 or HDP 2.1, <b>you must first upgrade to HDP 2.2 using either Ambari 1.7 or 2.0</b> . Once completed, upgrade your current Ambari to Ambari 2.1. Then, leverage Ambari 2.1 to complete the upgrade from HDP 2.2 to HDP 2.3.

## 1.2. Patch Information

Ambari 2.1.1 is based on Apache Ambari 2.1.1 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 2.1.1 needs to remain at this package version level to ensure a certified and supported copy of Ambari 2.1.1.

## 1.3. Known Issues

Ambari 2.1.1 has the following known issues, scheduled for resolution in a future release. Also, refer to the [Ambari Troubleshooting Guide](#) for additional information.

**Table 1.2. Ambari 2.1.1 Known Issues**

Apache Jira	HWX Jira	Problem	Solution
	BUG-47666	SNMPv3 is not supported.	The SNMPv3 notification method is not supported.
	BUG-41331	Links in 2.1.1. pdf documentation not working.	Use working links from 2.1.1 html documentation.
	BUG-41308	DataNode Fails to Install on RHEL/CentOS 7.	During cluster install, DataNode fails to install with the following error:

Apache Jira	HWX Jira	Problem	Solution
			<pre>resource_management.core. exceptions. Fail: Execution of '/usr/bin/yum - d 0 -e 0 -y install snappy-devel' returned 1. Error: Package: snappy-devel-1.0. 5-1.el6.x86_64 (HDP-UTILS-1.1.0.20) Requires: snappy(x86-64) = 1.0.5-1.el6 Installed: snappy-1.1. 0-3.el7.x86_64 (@anaconda/7.1) snappy(x86-64) = 1. 1.0-3.el7 Available: snappy-1.0. 5-1.el6.x86_64 (HDP-UTILS-1.1.0.20) snappy(x86-64) = 1. 0.5-1.el6</pre> <p>Hadoop requires the snappy-devel package that is a lower version that what is on the machine already. Run the following on the host and retry.</p> <pre>yum remove snappy yum install snappy-devel</pre>
	BUG-41009	Static view instances throw a NullPointerException when attempting to access the view.	If you use a static <instance> in your view, you will receive a NullPointerException in ambari-server.log when attempting to use the view. You must instead use a dynamic view instance. Remove the static <instance> from your view.xml.
	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.
<a href="#">AMBARI-12389</a>	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 &gt; Oozie &gt; Configs &gt; Advanced &gt; Custom oozie-site. The list of properties can be found here: <a href="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">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</a>. 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>
	BUG-41019	Accumulo Master Start fails on secure cluster if pid and log directories for YARN and MapReduce2 are customized.	If you plan to use Accumulo and a Kerberos-enabled cluster, do not customize the pid and log directories for YARN or MapReduce2.
<a href="#">AMBARI-12412</a>	BUG-41016	Storm has no metrics if service is installed via a Blueprint.	The following properties need to be added to <b>storm-site</b> . Browse to Services

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

Apache Jira	HWX Jira	Problem	Solution
			<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> <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.
<a href="#">AMBARI-12282</a>	BUG-40615	When changing JDK to Oracle JDK 1.8 option during setup, the JDK is not automatically installed on all hosts.	If you attempt to change the Ambari JDK setup (after you have already configured the JDK previously) and choose Option 1 to automatically download + install the Oracle JDK 1.8, the JDK is not automatically installed on all hosts. You must manually download and configured Oracle JDK 1.8 on all hosts to match that of the Ambari Server.
	BUG-40541	If there is a trailing slash in the Ranger External URL the NameNode will fail to startup.	Remove the trailing slash from the External URL and and start up the Name Node.
<a href="#">AMBARI-12436</a>	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 &lt;ACTIVEMQ_DATA_DIR&gt; rm -rf ./localhost cd /usr/hdp/current/falcon-server su -l &lt;FALCON_USER&gt; ./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,

Apache Jira	HWX Jira	Problem	Solution
			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.
<a href="#">AMBARI-12283</a>	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.
<a href="#">AMBARI-12179</a>	BUG-39646	When Wire Encryption is enabled, the Tez View cannot connect to ATS with a Local Cluster configuration.	If you configure the Tez View using the Local Cluster configuration, the view reads the "yarn.timeline-service.webapp.address" property to determine the ATS URL. When Wire Encryption is enabled, the view should read "yarn.timeline-service.webapp.https.address" instead. Because of this, the Tez View will not load the Tez job information and you will see an error in the view "Connection Refused". You cannot use Local Cluster configuration option and must manually enter the ATS Cluster configuration information when creating the view if Wire Encryption is enabled. Be sure to use the value from "yarn.timeline-service.webapp.https.address" for the YARN Timeline Server URL.
	BUG-38640	When running Ambari Server as non-root, kadmin couldn't open log file.	When running Ambari Server as non-root, when enabling Kerberos, if kadmin fails to authenticate, you will see the following error in ambari-server.log if Ambari cannot access the kadmind.log.  <pre>STDERR: Couldn't open log file / var/log/kadmind.log: Permission denied kadmin: GSS-API (or Kerberos) error while initializing kadmin interface</pre> <p>To avoid this error, be sure the kadmind.log file has 644 permissions.</p>
	BUG-38000	User Views (Files, Hive and Pig) fail to load when accessing a Kerberos-enabled cluster.	See the Ambari Views Guide for more information on configuring your cluster and the User Views to work with a Kerberos-enabled cluster, including setting-up Ambari Server for Kerberos and having Ambari Server as a Hadoop proxy user.
<a href="#">HADOOP-11764</a>	BUG-33763	YARN ATS server will not start if /tmp is set to noexec.	You must specify a different directory for LevelDB (which is embedded in the ATS component) to use when generating temporal info. This can be done by adding the following information to the hadoop-env.sh configuration:  <pre>export JAVA_LIBRARY_PATH= "\${JAVA_LIBRARY_PATH}:/tktest" export _JAVA_OPTIONS= "\${_JAVA_OPTIONS} -Djava.io. tmpdir=/tktest"</pre>

Apache Jira	HWX Jira	Problem	Solution
	BUG-33557	<p>With a Kerberos-enabled cluster that includes Storm, in Ambari Web &gt; Services &gt; Storm, the Summary values for Slots, Tasks, Executors and Topologies show as "n/a". Ambari Server log also includes the following ERROR:</p> <pre>24 Mar 2015 13:32:41, 288 ERROR [pool-2-thread-362] AppCookieManager:122 - SPNego authentication failed, cannot get hadoop.auth cookie for URL: http://c6402.ambari.apache. org:8744/api/ v1/topology/summary?field= topologies</pre>	When Kerberos is enabled, Storm API requires SPNEGO authentication. Refer to the Ambari Security Guide to Set Up Ambari for Kerberos to enable Ambari to authenticate against the Storm API via SPNEGO.
	BUG-33516	Ranger service cannot be installed in a cluster via Blueprints API.	You must first create your cluster (via Install Wizard or via Blueprints) and then add Ranger service to the cluster.
	BUG-32381	When using an Agent non-root configuration, if you attempt to register hosts automatically using SSH, the Agent registration will fail.	The option to automatically register hosts with SSH is not supported when using a Agent non-root configuration. You must manually register the Agents.
	BUG-32284	Adding client-only services does not automatically install component dependencies.	When adding client-only services to a cluster (using Add Service), Ambari does not automatically install dependent client components with the newly added clients. On hosts where client components need to be installed, browse to Hosts and to the Host Details page. Click + <b>Add</b> and select the client components to install on that host.
	BUG-28245	Attempting to create a Slider app using the same name throws an uncaught JS error.	After creating (and deleting) a Slider app, then attempting to create a Slider app again with that same name results in an uncaught error. The application does not show up in the Slider app list. Refresh your browser and the application will be shown in the list table.
<a href="#">AMBARI-12005</a>	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.

## 1.4. Fixed Issues

The following sections list selected issues resolved in Ambari 2.1.

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

- [Other](#)

## 1.4.1. Potential Data Loss

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12441</a>	BUG-41258	No save/discard window appeared after navigating from Configs to Heatmaps.
<a href="#">AMBARI-12601</a>	BUG-41766	Specifying heterogeneous storage does not work for DataNode Directories.

## 1.4.2. Stability

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12133</a>	BUG-41647	Virtual IP in Hive Server2 connection string fails to resolve causing Ambari Yarn Config page load failure.
<a href="#">AMBARI-12374</a>	BUG-40852	Unable to Start NameNode in HA Mode On HDP 2.0.
<a href="#">AMBARI-12400</a> <a href="#">AMBARI-12589</a>	BUG-41025	Validation failed for property "Enable Ranger for HBASE".
<a href="#">AMBARI-12422</a>	BUG-40328	Hive queries against HiveServer2 failing in Hive HA enabled cluster.
<a href="#">AMBARI-12467</a>	BUG-40097	Datanode fails to start as it tries to install hadoop-izo that is not part of 2.2.4.2 repo.
<a href="#">AMBARI-12502</a>	BUG-40475	ambari-metrics-collector filling up root-fs causes daemon failures.
<a href="#">AMBARI-12504</a>	BUG-41383	Heatmaps page stuck in loading state.
<a href="#">AMBARI-12505</a>	BUG-41287	Sometimes Hosts page displays only single host after NN HA enabling.
<a href="#">AMBARI-12507</a>	BUG-40297	Add Service Wizard: when you add Oozie, HDFS and YARN are automatically shutdown and restarted.
<a href="#">AMBARI-12527</a>	BUG-41378	atlas configurations in hive only present in the server conf and not in client con.
<a href="#">AMBARI-12533</a>	BUG-40085	Property '% of Region Servers allocated to Write Buffers' become empty.
<a href="#">AMBARI-12534</a>	BUG-41476	When NameNode HA is enabled and JMX info is not available, RM/HBase Master, and other masters cannot be started.
<a href="#">AMBARI-12538</a>	BUG-41802	Attempting to access the Ambari Dashboard results in an HTTP 500 Error after changing cluster name and restarting the Ambari server.
<a href="#">AMBARI-12548</a>	BUG-41552	Ambari Agent does not register / heartbeat if "df" command hangs.
<a href="#">AMBARI-12562</a>	BUG-41310	Ambari Storm service page shows incomplete metrics.
<a href="#">AMBARI-12563</a>	BUG-41551	Ambari return fail upon service check.
<a href="#">AMBARI-12563</a>	BUG-41767	Ambari alert return connection refused because of motd.
<a href="#">AMBARI-12580</a>	BUG-41449	Host Check changes: use THP data from custom action response and call custom action for package and other checks during "Rerun check".
<a href="#">AMBARI-12609</a>	BUG-41677	Host Checks: "Rerun checks" doesn't work properly.
<a href="#">AMBARI-12612</a>	BUG-41836	Namenode dir textarea vanishes when value contains /home in path.
<a href="#">AMBARI-12622</a>	BUG-41732	Malformed Alert Data Can Prevent Alerts From Reporting.
<a href="#">AMBARI-12626</a>	BUG-41705	Ambari does not allow hard limit for hdfs daemons to be modified.
<a href="#">AMBARI-12662</a>	BUG-42095	Ambari is overwriting the content of the topology script, even custom.
<a href="#">AMBARI-12745</a>	BUG-42172	NodeManagers fail to start because of wrong recovery.dir property.
<a href="#">AMBARI-12796</a>	BUG-42560	Cannot add service after upgrade and enabling ranger.

## 1.4.3. Security

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12141</a>	BUG-40250	User-customized Kerberos configs aren't restored when moving back from Review to the Configure Identities step.

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12227</a>	BUG-40403	Kerberos Wizard: temporarily stores admin principal / password in browser's local storage.
<a href="#">AMBARI-12284</a>	BUG-39643	Ambari omits the line to enable kerberos on the Spark History Service.
<a href="#">AMBARI-12347</a>	BUG-40935	AMS does not work with Kerberization in distributed mode.
<a href="#">AMBARI-12408</a>	BUG-41159	Add Host and Add Service Wizards do not contain a Download CSV button when Kerberos is enabled.
<a href="#">AMBARI-12450</a>	BUG-40528	Kerberos: ServiceResourceProvider queries for KDC connectivity when not needed.
<a href="#">AMBARI-12465</a>	BUG-41165	Non-Root: Knox fails to start during install with custom pid directory.
<a href="#">AMBARI-12598</a>	BUG-41610	kafka_client_jaas.conf not being managed by Ambari.
<a href="#">AMBARI-12604</a>	BUG-41811	When regenerating Kerberos principals, ensure Kerberos Descriptor changes are applied to services.
<a href="#">AMBARI-12613</a>	BUG-41591	Allow for granular authorization inorder to update User resource properties via Ambari's REST API.
<a href="#">AMBARI-12617</a>	BUG-41365	Ranger admin install fails with umask 027.
<a href="#">AMBARI-12627</a>	BUG-41826	Ambari 2.0 -> 2.1 LDAP: error code 12.
<a href="#">AMBARI-12630</a>	BUG-41890	Handle Ranger KMS install for umask 027.
<a href="#">AMBARI-12649</a>	BUG-41898	Handle !p for password in commands when run using sudo=True.
<a href="#">AMBARI-12773</a>	BUG-42866	Ranger quick link does not track the http, https port value

## 1.4.4. Upgrade

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12329</a>	BUG-40786	Review HIVE recommendations and changes on upgrade.
<a href="#">AMBARI-12440</a>	BUG-40874	[RollingUpgrade] hdp-select set all should be called before finalize.
<a href="#">AMBARI-12457</a>	BUG-41323	HDP-2.2 webhcat config should not refer to tez conf dir under /usr/hdp/VERSION.
<a href="#">AMBARI-12466</a>	BUG-41325	Manual upgrade should fix some of the templeton properties in webhcat.
<a href="#">AMBARI-12472</a>	BUG-35922	Hive "Restart All" command fails in Ambari UI when all Hive services are stopped.
<a href="#">AMBARI-12488</a>	BUG-40693	RU - Use haadmin failover command instead of killing ZKFC during upgrade/downgrade.
<a href="#">AMBARI-12494</a>	BUG-40640	Editing repo versions URLs is enabled regardless of version status.
<a href="#">AMBARI-12495</a>	BUG-40645	Upgrade status beyond 'Versions' page not being updated.
<a href="#">AMBARI-12515</a>	BUG-41442	Conf-select calls should tolerate failure on existing directory.
<a href="#">AMBARI-12520</a>	BUG-41451	ambari-server upgrade from 2.0.1 to 2.1.0 failed in postgres while deleting foreign keys.
<a href="#">AMBARI-12524</a>	BUG-40384	RU: prerequisites have a couple issues.
<a href="#">AMBARI-12591</a>	BUG-40934	Upon failure RU should allow clicking into the last stage that has failures.
<a href="#">AMBARI-12594</a>	BUG-40363	NFS gateway process alert after RU.
<a href="#">AMBARI-12594</a>	BUG-40613	RU- HDP 2.3 -> 2.3+ NFS jars are not upgraded and refer to old version after the upgrade.
<a href="#">AMBARI-12611</a>	BUG-41664	Ambari upgrade to 2.1 fails (thinks hbase is installed).
<a href="#">AMBARI-12624</a>	BUG-41795	UpgradeHelper must provide command line arguments for Ambari Server port and desired http protocol settings.
<a href="#">AMBARI-12648</a>	BUG-42037	After Ambari server upgrade (from 1.6.1 to 2.1.0) WEBHCAT_SERVER does not appear as a component under HIVE.
<a href="#">AMBARI-12663</a>	BUG-41936	Upgrade catalog: 2.1 -> 2.3 missing hbase config
<a href="#">AMBARI-12670</a>	BUG-41932	Upgrade Catalog: 2.1 -> 2.3 missing config hiveserver2-site.
<a href="#">AMBARI-12674</a>	BUG-41699	ranger-hbase-plugin-enabled missing from Hbase config after upgrade from 2.0.1 to 2.1.0 .

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12676</a>	BUG-42066	Upgrades Fail When Calling conf-select On hadoop When hadoop Is Not Installed.
<a href="#">AMBARI-12747</a>	BUG-41749	Ambari server upgrade does not re-extract the jar content of the views.

## 1.4.5. Usability

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12108</a>	BUG-38885	Alert Groups: edit + cancel notifications removes notification target.
<a href="#">AMBARI-12423</a>	BUG-38643	Ambari - Deleting a Zookeeper server doesn't update the the storm.zookeeper.servers property for Storm.
<a href="#">AMBARI-12434</a>	BUG-41244	UI doesn't reload after closing Ranger Admin wizard.
<a href="#">AMBARI-12511</a>	BUG-41260	Oozie HA: Ambari quick link is not correct.
<a href="#">AMBARI-12541</a>	BUG-37301	THP changes / package issues (and possibly others) aren't detected with a 'Re-run' action.
<a href="#">AMBARI-12585</a> <a href="#">AMBARI-12637</a>	BUG-40832	Flume cannot be deployed without HDFS.
<a href="#">AMBARI-12587</a>	BUG-41680	Usability: alert check label is not clear.

## 1.4.6. Performance

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12248</a>	BUG-40482	Ambari UI takes 2+ mins to load for a 20-node already deployed cluster (metrics API result set contains a lot of data outside the requested time range).
<a href="#">AMBARI-12395</a>	BUG-40985	Loading Admin > Stacks and Versions > Versions is extremely slow.
<a href="#">AMBARI-12417</a>	BUG-40962	Wizard transitions are slow and hangs the browser.
<a href="#">AMBARI-12421</a>	BUG-41189	FE: Ambari login is making POST call for all hosts.
<a href="#">AMBARI-12554</a>	BUG-41188	FE: Switching between different service's configs does not reduce DOM node and listeners count.
<a href="#">AMBARI-12577</a>	BUG-41394	FE: Switching from Service page to Hosts page and back leaks DOM nodes and listeners.
<a href="#">AMBARI-12592</a>	BUG-41391	FE: Switching between service summary and configs tabs does not cleanup DOM nodes and listeners.
<a href="#">AMBARI-12629</a>	BUG-41689	FE: Service summary memory leaks.
<a href="#">AMBARI-12718</a>	BUG-42262	AMS is doing a (Select *) for certain point in time metrics from Dashboard page.
<a href="#">AMBARI-12720</a>	BUG-42478	TopologyManager misses some host registrations during heavy load.

## 1.4.7. Other

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12106</a>	BUG-39831	Versions list goes beyond browser window.
<a href="#">AMBARI-12206</a>	BUG-39440	Ambari Metrics "refresh" and "alerts" icons are overflowed.
<a href="#">AMBARI-12251</a>	BUG-40651	Widget Browser: Extra scroll bars in widget description.
<a href="#">AMBARI-12383</a>	BUG-41006	Gauge warning gets overflowed on service summary page.
<a href="#">AMBARI-12464</a>	BUG-41084	Falcon *.falcon.http.authentication.kerberos.name.rules should be text box, not field.
<a href="#">AMBARI-12470</a>	BUG-40950	Can't switch config group on the host's configs page.
<a href="#">AMBARI-12471</a>	BUG-40167	Unsaved Configs popup appears when switching config versions quickly.
<a href="#">AMBARI-12474</a>	BUG-41076	Ubuntu package is missing sql server scripts.

Apache Jira	HWX Jira	Summary
<a href="#">AMBARI-12492</a>	BUG-40273	Alerts Badge placing issue.
<a href="#">AMBARI-12493</a>	BUG-39993	"Switch group"- text is too close to another config-group.
<a href="#">AMBARI-12496</a>	BUG-41210	Invalid Metrics Monitor issue message after page refresh on step 3 of Add Service Wizard.
<a href="#">AMBARI-12498</a>	BUG-41241	Decommissioning NodeManager indicates that YARN service needs a restart.
<a href="#">AMBARI-12499</a>	BUG-40576	Invalid controls placing for some widgets overrides.
<a href="#">AMBARI-12503</a>	BUG-39119	Display a warning if Oozie is configured with Derby as the db store.
<a href="#">AMBARI-12519</a>	BUG-41402	Ambari metrics UI: CPU graph is upside down & misleading.
<a href="#">AMBARI-12576</a>	BUG-41632	UI Ambari Storm service page shows incomplete metrics.
<a href="#">AMBARI-12667</a>	BUG-41086	Saved Hive queries can not to be sorted by title.
<a href="#">AMBARI-12825</a>	BUG-42822	CPU metrics graph shows inconsistent info