

# Hortonworks Data Platform

## Apache Ambari Release Notes

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## Hortonworks Data Platform: Apache Ambari Release Notes

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# 1. Release Notes Ambari - 2.4

## RELEASE NOTES: Apache Ambari 2.4

The Ambari 2.4 Release Notes summarize and describe the following information released in Ambari 2.4:

- [New Features \[1\]](#)
- [Behavioral Changes \[2\]](#)
- [Patch Information \[3\]](#)
- [Common Vulnerabilities and Exposures \[3\]](#)
- [Known Issues \[3\]](#)
- [Fixed Issues \[6\]](#)

## 1. New Features

The Ambari 2.4 release includes the following new features and improvements:

**Table 1.1. Core Ambari**

| Feature  | Description   |
|--|---|
| Improved Host Filtering Control<br><a href="#">AMBARI-15210</a>                              | Ability to filter hosts using a new host filtering control. Refer to <a href="#">Filtering the Hosts List</a> for more information.   |
| Customizing Alert Thresholds<br><a href="#">AMBARI-14898</a>                                 | Ability to configure alert thresholds for SCRIPT alerts. Refer to <a href="#">Alert Types</a> for more information.   |
| Setting Alert Check Counts<br><a href="#">AMBARI-15686</a>                                   | Ability to set number of alert checks to perform before dispatching a notification. Refer to <a href="#">Alert Check Counts</a> for more information.   |
| Role-based Access Control<br><a href="#">AMBARI-13977</a>                                    | Ability to setup additional cluster operator roles. Refer to <a href="#">Managing Cluster Roles</a> for more information.   |
| Remove Service<br><a href="#">AMBARI-14759</a>   | Ability to remove a service. Refer to <a href="#">Removing a Service</a> for more information.  |
| Version Definition File Support for Registration and Upgrade<br><a href="#">AMBARI-15724</a> | Ability to specify an HDP version (for install/upgrade) via a Version Definition File. Refer to <a href="#">Managing Versions</a> for more information.   |
| Customizable Ambari Log and PID Directories<br><a href="#">AMBARI-15300</a>                  | Ability to customize the Ambari Server and Agent Log and PID directories. Refer to <a href="#">Customizing Ambari Log + PID Directories</a> for more information.   |
| Automated Ambari Server Kerberos Setup<br><a href="#">AMBARI-15561</a>                       | If you enable Kerberos using the Automated Setup option, Ambari Server will also get the requisite principal and keytab automatically. Refer to the <a href="#">Ambari Security Guide</a> for more information. |
| Customizable Agent Registration SSH Port   | When adding hosts to the cluster, and choosing Agent registration via SSH, you can now customize the SSH port to use.   |

| Feature   | Description   |
|---|---|
| <a href="#">AMBARI-13450</a>  |   |
| Views Framework: View URLs<br><a href="#">AMBARI-15821</a>                    | Ability to create view instance short URLs. Refer to the <a href="#">Ambari Admin Guide</a> for more information.   |
| Views Framework: View Refresh<br><a href="#">AMBARI-15682</a>                 | Ability to deploy new views without an Ambari Server restart.   |
| Views Framework: Inherit Cluster Permissions<br><a href="#">AMBARI-16177</a>  | If you configure a view instance to use a Local Cluster, you can optionally choose to inherit view USE permission based on the cluster roles. Refer to the <a href="#">Ambari Admin Guide</a> for more information. |
| Views Framework: Remote Cluster Configuration<br><a href="#">AMBARI-16274</a> | Ability to configure a view instance based on a Remote Cluster (that is Ambari-managed). Refer to the <a href="#">Ambari Admin Guide</a> for more information.  |
| Log Search<br><a href="#">AMBARI-14827</a>                                    | Ambari includes a new "Log Search" service that can be installed into your cluster. Refer to <a href="#">Ambari Log Search</a> for more information.<br><br>This feature is <b>Technical Preview</b> .              |
| SLES 12 SP1<br><a href="#">AMBARI-16007</a>                                   | Added support for installing and running Ambari on<br><br>SUSE Linux Enterprise Server (SLES) v12 SP1   |

**Table 1.2. HDP Stack**

| Feature   | Description  |
|---|--|
| HDP 2.5   | Added support for installing and managing HDP 2.5.   |
| New HDFS Alerts<br><a href="#">AMBARI-14800</a> | A new set of HDFS alerts has been added to the list of predefined alerts. Refer to <a href="#">HDFS Service Alerts</a> for more information. |
| HDP 2.5 > Spark2 Service                        | Engine for large scale data processing.<br><br>This feature is <b>Technical Preview</b> .  |
| HDP 2.5 > Hive                                  | HiveServer2 Interactive / LLAP.<br><br>This feature is <b>Technical Preview</b> .  |
| SLES 12 SP1                                     | Added support for installing and managing<br><br>SUSE Linux Enterprise Server (SLES) v12 SP1   |

## 2. Behavioral Changes

Ambari 2.4 introduces the following changes in behavior as compared to previous Ambari versions:

**Table 1.3. Ambari 2.4 Behavioral Changes**

| Title                              | Description   |
|------------------------------------|---|
| 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 <b>very important</b> when upgrading from Ambari 2.0 to Ambari 2.4 |
| HDP 2.2 Support Deprecated         | Ambari support for HDP 2.2 is <b>deprecated</b> with Ambari 2.4. Support for HDP 2.2 <b>will be removed</b> in a future Ambari release.   |
| HDP 2.3 Support Deprecated         | Ambari support for HDP 2.3 is <b>deprecated</b> with Ambari 2.4. Support for HDP 2.3 <b>will be removed</b> in a future Ambari release.   |

| Title  | Description   |
|--|---|
| Cluster Permission Changes                         | Cluster Roles have replaced Cluster Permissions. The <b>Operator</b> permission is now the <b>Cluster Administrator</b> role. The <b>Read-Only</b> permission is the <b>Cluster User</b> role. Refer to <a href="#">Managing Cluster Roles</a> for more information.  |
| 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 <a href="#">Troubleshooting Guide</a> for more information. |
| Slider View Deprecated                             | The Slider View is deprecated. Support for the Slider View will be removed in a future Ambari release.  |
| Removed column filters from Ambari Web Hosts page. | The Hosts page in Ambari Web no longer has column filters. This has been replaced with a new Host Filtering Control. Refer to <a href="#">Filtering the Hosts List</a> for more information. release.   |
| HDP 2.5 Atlas Upgrade                              | If you plan to upgrade to HDP 2.5 and have Atlas installed in your HDP 2.3 or 2.4 cluster, Atlas must be removed prior to upgrading to HDP 2.5. Refer to the <a href="#">Ambari Upgrade Guide Prerequisites</a> for more information.   |
| Oracle JDK 1.8 updated                             | If you choose the default Oracle JDK 1.8 option provided by Ambari, Oracle JDK 1.8.0_77 will be installed. In previous Ambari releases, JDK 1.8.0_60 was installed.   |

### 3. Patch Information

Ambari 2.4 is based on Apache Ambari 2.4.0 and the following patches.

**Table 1.4. Apache Ambari 2.4 Patches**

| Apache Jira                  | Description   |
|------------------------------|---|
| <a href="#">AMBARI-18275</a> | Ambari server upgrade script deletes all .pyc files                       |
| <a href="#">AMBARI-18268</a> | Compare versions does not work in some cases                              |
| <a href="#">AMBARI-18262</a> | When Enabling NameNode HA Via the UI Wizard, the Second NN Fails to Start |
| <a href="#">AMBARI-18258</a> | Update repo base urls for HDP-2.5 stack                                   |
| <a href="#">AMBARI-18256</a> | Atlas on HDP 2.5 Has An Incorrect versionAdvertised Field                 |
| <a href="#">AMBARI-18249</a> | Set the default 1.8 JDK to 18.0_77 for Ambari                             |

### 4. Common Vulnerabilities and Exposures

Ambari 2.4.0.0 includes fixes for the following information-security **Common Vulnerabilities and Exposures (CVEs)**

[Fixed in Ambari 2.4.0](#)

### 5. Known Issues

Ambari 2.4 has the following known issues, scheduled for resolution in a future release. Also, refer to the [Ambari Troubleshooting Guide](#) for additional information.

**Table 1.5. Ambari 2.4 Known Issues**

| Apache Jira | HWX Jira  | Problem  | Solution   |
|-------------|-----------|--|--|
| N/A         | BUG-65117 | When installing or registering a Stack, there is an option for an HDP 2.3.ECS stack. | The HDP 2.3.ECS stack option is <b>not supported</b> . Do <b>not</b> install or register the HDP 2.3.ECS stack. If you are looking to install the HDP 2.3 stack, choose the HDP 2.3 option and not HDP 2.3.ECS. This HDP |

| Apache Jira | HWX Jira  | Problem  | Solution   |
|-------------|-----------|--|--|
|             |           | The HDP 2.3.ECS stack option is <b>not supported</b> .   | 2.3.ECS stack option will be removed in a future Ambari maintenance release.   |
| N/A         | BUG-64966 | <p>When performing a rolling upgrade of a secure, HDP 2.4 cluster running Atlas on SLES11 sp3, the Atlas service fails to upgrade. You may see the following error:</p> <pre>resource_management.core.exceptions.Fail: Execution of 'ambari-sudo.sh /usr/bin/hdp-select set all `ambari-python-wrap /usr/bin/hdp-select versions   grep ^2.5.0.0-1238   tail -1` returned 1. symlink target /usr/hdp/current/atlas-client for atlas already exists and it is not a symlink.</pre>  | <p>For all environments, we recommend removing Atlas from the cluster before a performing a rolling upgrade, as described <a href="#">here</a>.</p> <p>Specific upgrade steps for a secure HDP 2.4 cluster running Atlas on SLES 11 sp3:</p> <ol style="list-style-type: none"> <li>1. Delete the Atlas service via the Ambari API2.</li> <li>2. Upgrade Ambari to version 2.4.03.</li> <li>3. Upgrade Ambari to version 2.4.04.</li> <li>4. Install HDP-2.5.x bits.</li> <li>5. Perform an Express Upgrade.</li> <li>6. Upgrade the stack.</li> <li>7. Reinstall Atlas.</li> <li>8. Restart all impacted services using Services &gt; Restart All.</li> </ol> |
| N/A         | BUG-64959 | <p>If you have Storm in your cluster and have Kerberos enabled, after Ambari 2.4 upgrade, the Storm summary page in Ambari Web does not show information and exceptions are logged.</p> <pre>24 Aug 2016 14:19:38,107 ERROR [ambari-metrics-retrieval-service-thread-2738] MetricsRetrievalService:421 - Unable to retrieve metrics from http://hcubel-ln02.eng.hortonworks.com:8744/api/v1/cluster/summary. Subsequent failures will be suppressed from the log for 20 minutes. java.io.IOException: Server returned HTTP response code: 500 for URL: http://hcubel-ln02.eng.hortonworks.com:8744/api/v1/cluster/summary at sun.reflect.GeneratedConstructorAccessor228.newInstance(Unknown Source) at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)</pre> | <p>You need to add the Ambari Server principal name to the Storm nimbus.admins property in <b>Ambari Web &gt; Services &gt; Storm &gt; Configs</b>.</p>  |
| N/A         | BUG-64947 | Filtering by Role on Users page in Ambari Admin Interface is slow with 1000+ users.  | If you have 1000+ users from LDAP synchronized into Ambari and you attempt to filtering by Role on the Users page in Ambari Admin Interface, the results will be slow (potential 20 seconds). Reducing the number of users you have synchronized into Ambari is a way to improve this performance.   |
| N/A         | BUG-64912 | Apache Oozie requires a restart after an Atlas configuration update, but may not be included in the services marked as requiring restart in Ambari.  | Select <b>Oozie &gt; Service Actions &gt; Restart All</b> to restart Oozie along with the other services.  |

| Apache Jira                  | HWX Jira  | Problem   | Solution   |
|------------------------------|-----------|---|--|
| N/A                          | BUG-64896 | <p>Upon adding Atlas to an HDP-2.5 cluster that is kerberized it reports error while trying to communicate with Kafka. You may see the following in the error :</p> <pre>"Could not login: the client is being asked for a password, but the Kafka client code does not currently support obtaining a password from the user. Not available to garner authentication information from the user"</pre> <p>This is because the keytab and principal details may be missing from the Atlas config.</p> | <p>Add the following config properties to Atlas configuration type application-properties</p> <p>Set atlas.jaas.KafkaClient.option.keyTab to the Atlas Service keytab</p> <p>e.g. <code>/etc/security/keytabs/atlas.service.keytabSet</code><br/> <b>atlas.jaas.KafkaClient.option.principal</b> to the principal name in the above keytab</p> <p>e.g. <code>atlas/atlas_server_host_name@EXAMPLE.COM</code></p> <p>Then, restart Atlas Server.</p>  |
| N/A                          | BUG-64819 | <p>After performing a Rolling Upgrade, the "Percent JournalNodes Available" alert goes CRITICAL.</p>  | <p>After performing a Rolling Upgrade, the "Percent JournalNodes Available" alert goes critical even though all the JournalNodes are started and healthy. You must disable and re-enable this alert to clear the CRITICAL status. In Ambari Web, browse to Alerts and find the "Percent JournalNodes Available" alert. Click to Disable the alert. Once disabled completes, re-enable and the alert status should be OK.</p>   |
| <a href="#">AMBARI-18177</a> | BUG-64326 | <p>If you add or remove ZooKeeper servers and you have Atlas in your cluster, you must update some Atlas properties.</p>  | <p>If you are running Atlas in your cluster and make changes to ZooKeeper (adding or removing ZooKeeper server components), you must update the Atlas properties list below to make sure they reflect the list of ZooKeeper servers in the cluster. You can modify the following properties from <b>Ambari Web &gt; Services &gt; Atlas &gt; Configs</b>:</p> <pre>atlas.audit.hbase.zookeeper.quorum Sample: node-test0.docker.nxa.io:2181,node-test2.docker.nxa.io:2181,node-test1.docker.nxa.io:2181  atlas.graph.index.search.solr.zookeeper-url Sample: node-test1.docker.nxa.io:2181/infra-solr,node-test0.docker.nxa.io:2181/infra-solr,node-test2.docker.nxa.io:2181/infra-solr  atlas.graph.storage.hostname Sample: node-test0.docker.nxa.io,node-test2.docker.nxa.io,node-test1.docker.nxa.io  atlas.kafka.zookeeper.connect Sample: node-test0.docker.nxa.io,node-test2.docker.nxa.io,node-test1.docker.nxa.io</pre> |
| N/A                          | BUG-62609 | <p>When upgrading Ambari 2.x to 2.4 on a secure, cluster running Storm on Ubuntu or SLES, the Storm service check fails to restart Nimbus server due to a randomized StormClient principal.</p>   | <p>You must manually reset the original StormClient principal on the kerberos AD server.</p>   |
| N/A                          | BUG-57093 | <p>When toggling and saving the Hive service's "Enable Interactive Query" configuration, it's important to wait for</p>   | <p>If such inconsistencies are observed then retry toggling and saving of the "Enabling Interactive Query"</p>   |

| Apache Jira                  | HWX Jira  | Problem   | Solution  |
|------------------------------|-----------|---|---|
|                              |           | the background operations associated with that change to complete before trying to toggle it once more. If you don't wait for background operations to complete and try to re-enable this feature it can cause some of the operations to fail resulting in configuration inconsistencies.   | configuration and wait for all requests (background operations) to complete.  |
| <a href="#">AMBARI-12436</a> | BUG-40481 | <p>Falcon Service Check may fail when performing Rolling Upgrade or downgrade, 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 (or upgrade &gt; downgrade &gt; upgrade) 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> |
| <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.   |
| N/A                          | 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.   |

## 6. Fixed Issues

The following table lists selected issues resolved in Ambari 2.4:

| Version | Category | Apache Jira                  | HWX Jira  | Summary  | Components |
|---------|----------|------------------------------|-----------|--|------------|
| 2.4.0.0 | Other    | <a href="#">AMBARI-11825</a> | BUG-47313 | Failure to add or install component defined with cardinality ALL                           | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-11932</a> | BUG-38274 | Clicking back to go to confirm hosts leads to re-installation                              | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12193</a> | BUG-40488 | Step2 installer. Popup with hosts contains duplicates                                      | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12412</a> | BUG-41016 | Storm service has no metrics deploying from blueprint                                      | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12460</a> | BUG-41109 | Repositories url validation works incorrect  | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12476</a> | BUG-34932 | Widget response differs when using ambarisessionid and basic auth                          | Ambari     |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12513</a> | BUG-41443 | Restore configs on 7 step of installer from stored configs without merging with predefined | Ambari     |

| Version | Category | Apache Jira                  | HWX Jira  | Summary   | Components     |
|---------|----------|------------------------------|-----------|---|----------------|
| 2.4.0.0 | Other    | <a href="#">AMBARI-12565</a> | BUG-37250 | Allow HMaster's heap size to be lower than 1G   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12583</a> | BUG-39806 | When ambari.repo has insufficient permissions for non-root ambari-server to read failure messages are confusing                     | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12603</a> | BUG-41686 | serviceAccounts page doesn't show user properties   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12651</a> | BUG-40221 | Deleting a service fails if service's desired state is STARTED  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12682</a> | BUG-42213 | Missing ambari.repo file causes bootstrap to fail.  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12683</a> | BUG-42222 | While inheriting a stack make it possible not to inherit some services  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12687</a> | BUG-41827 | Incorrect behavior of paging on Alerts page   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12749</a> | BUG-42392 | Add Service Wizard review page issue when Oozie select to add.  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12774</a> | BUG-42599 | Stack deployment should not assume the availability of hdfs-site  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12844</a> | BUG-43057 | After enabling ssl for ranger plugin, Quick link is not loading on Ambari UI  | Ambari, Ranger |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12874</a> | BUG-43244 | Explicitly install zookeeper-*server when installing ZK   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12941</a> | BUG-40565 | Test connection fails if empty password is given for ranger DB root password  | Ambari, Ranger |
| 2.4.0.0 | Other    | <a href="#">AMBARI-12990</a> | BUG-43749 | User may click Next while Rerun Checks is executing   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13017</a> | BUG-40690 | Installing falcon with blueprint, oozie extensions are missing, hence causing misconfigured installations that are using blueprint. | Ambari, Falcon |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13038</a> | BUG-40841 | Ambari Agent started on WebHcat Port (50111)  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13056</a> | BUG-44145 | CLONE - Ambari should use relative URLs when specifying target after login  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13160</a> | BUG-38163 | Host Checks on Add Hosts wizard are stuck if 2 sessions are active  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13198</a> | BUG-44804 | Unneeded buttons on the Service Configs page  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13261</a> | BUG-44774 | Modify repository version resource handler update RESTful API to update metaInfo table as well                                      | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13310</a> | BUG-40077 | Alerts should log into ambari-agent.log rather than to ambari-agent.out   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13819</a> | BUG-43575 | Ambari needs to support an explicit login URL for local users   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13820</a> | BUG-58292 | "webhdfs_service_urls" delay resolved parameter picking wrong port  | Ambari, Knox   |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13874</a> | BUG-48031 | On Kerberos Service Config page, "hull host" is shown in KDC category   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13917</a> | BUG-48502 | Allow client component to host mapping be available in command-*.json   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13924</a> | BUG-48149 | Admin View: Handle user_type from users endpoint.   | Ambari         |

| Version | Category | Apache Jira                  | HWX Jira  | Summary   | Components   |
|---------|----------|------------------------------|-----------|---|--------------|
| 2.4.0.0 | Other    | <a href="#">AMBARI-13942</a> | BUG-48239 | displaytype for log4j, env files is hardcoded to be custom in ui code   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13951</a> | BUG-46792 | Service install will fail if the property-type attribute of any service config property has a value in a stack not known to ambari-server | Ambari       |
| 2.4.0.0 | other    | <a href="#">AMBARI-13975</a> | BUG-48154 | knoxsso-topology.xml should be supported in HDP-2.3.8.x line  | Ambari, Knox |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13992</a> | BUG-47777 | SSO users, when unauthenticated, should be forwarded to the Knox login URL  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-13999</a> | BUG-42060 | Kerberos service appears on UI even if security enabling was not completed  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14022</a> | BUG-47734 | YARN smart config: Slider shows values in MB even when it is over 10GB  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14024</a> | BUG-48041 | Yarn hadoop.registry.rm.enabled value should be fetched from stack adviser  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14097</a> | BUG-46698 | Should option "Enable RM HA" be available if no RM installed on the cluster   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14103</a> | BUG-46731 | Incorrect firewall check on CentOS7 while adding new host to cluster  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14110</a> | BUG-42325 | Clean up stop agent to not print unnecessary error message  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14224</a> | BUG-49299 | Property "phoenix.spool.directory" has incorrect value on Customize Services page   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14256</a> | BUG-49402 | Clicking on ambari logo when cluster is in pre-deploy state leads to empty dashboard  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14275</a> | BUG-45073 | NodeManager Health Summary UNKNOWN from Standby ResourceManager   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14298</a> | BUG-49574 | Change authorization resource id to be adminresource id   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14304</a> | BUG-49611 | Start/Stop all services not available for "Cluster Operator"  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14314</a> | BUG-49637 | RBAC: Alert state is not visible for non-admin roles  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14323</a> | BUG-49683 | Hide "Manage Ambari" button for non-admin users   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14324</a> | BUG-43897 | Users with non-administrator permissions should not be presented with an option to edit stack repository URLs                             | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14330</a> | BUG-49710 | Do not redefine "commandParams/version" in service stack scripts  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14331</a> | BUG-49717 | Ambari local admin endpoint doesn't work when sso is enabled.   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14333</a> | BUG-49722 | "service_operator" role in Ambari shows no view   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14367</a> | BUG-49810 | Web Client Displays Incorrect Host Version Counts For Installed Repos   | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14371</a> | BUG-49194 | No eventual config changes should not recommend extra config changes  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14430</a> | BUG-48069 | Get rid of wildcards in package names.  | Ambari       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14452</a> | BUG-49650 | It should be possible to delete service components if all related host components are stopped   | Ambari       |

| Version | Category | Apache Jira                  | HWX Jira  | Summary   | Components     |
|---------|----------|------------------------------|-----------|---|----------------|
| 2.4.0.0 | Other    | <a href="#">AMBARI-14470</a> | BUG-50217 | User can change properties that should not be reconfigurable and overridable                                  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14524</a> | BUG-46651 | HDFS Recommendation: dfs.datanode.du.reserved should be set to 10%-15% of volume size                         | Ambari, HDFS   |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14554</a> | BUG-47433 | Add more logging to KdcServerConnection. Verification to help with odd connection issues                      | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14562</a> | BUG-48893 | If configured audit store is 'solr' from ambari then audit_store value should be 'solr' in install.properties | Ambari, Ranger |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14609</a> | BUG-49186 | Ambari should be able to validate HTTPS repo URLs   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14739</a> | BUG-45991 | Capture package requirements that are optional and config dependent   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14760</a> | BUG-57803 | AMBARI: Hive Database Host field is blank when postgres DB port is not 5432                                   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14802</a> | BUG-49573 | Confusing maintenance mode behaviour for host components  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-14875</a> | BUG-48853 | Ranger Smart configs : Need to hide Audit DB properties if Audit to DB is off                                 | Ambari, Ranger |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15088</a> | BUG-50151 | Incorrect information shown for 'leveldb-timeline-store' location while moving App Timeline Server component  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15197</a> | BUG-38390 | Ambari ranger-env settings for admin and usersync log dir don't seem to do anything                           | Ranger         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15299</a> | BUG-48876 | Absent validation of of stack_version id during API request to deeper entities                                | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15304</a> | BUG-53856 | Fix the 'hive.server2.thrift.port' and 'hive.server2.thrift.http.port' values                                 | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15336</a> | BUG-47588 | Blueprints: NullPointerException when unnecessary config types found with %HOSTGROUP% tags                    | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15370</a> | BUG-53402 | Login as regular user (no cluster access at all) but background ops are running about cluster                 | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15390</a> | BUG-47411 | Ambari names jar 'ojdbc6.jar' even though it is actually ojdbc7.jar   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15611</a> | BUG-41959 | Moving masters causes services to be shut down unnecessarily, causing avoidable downtime                      | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15647</a> | BUG-54856 | Alerts Using the SKIPPED State Cause Stale Alert Notification   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15683</a> | BUG-55433 | Background Operations window opening with avoid opening checkbox set  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15731</a> | BUG-46915 | Host not expanding more than one field in host-name pattern   | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15749</a> | BUG-55386 | Have a way in Grafana UI to show the metrics 'diff' over time.  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15776</a> | BUG-47326 | Not all log and PID dirs have "hadoop" group  | Ambari         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15782</a> | BUG-55754 | Trunk deploy marks dfs.ha.fencing.methods as a required property  | Ambari         |

| Version | Category | Apache Jira                  | HWX Jira  | Summary   | Components  |
|---------|----------|------------------------------|-----------|---|---|
| 2.4.0.0 | Other    | <a href="#">AMBARI-15790</a> | BUG-56077 | Clean up stack scripts that refer to dfs.nameservices to use dfs.internal.nameservices as first option                                      | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15791</a> | BUG-56202 | Blueprint based installations should automatically add dfs.internal.nameservices during cluster creation                                    | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15829</a> | BUG-55920 | Files View: Extract the directory viewer UI component so that other views can use it  | Ambari, File Browser View                             |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15882</a> | BUG-54948 | Falcon-Oozie Integration properties are not populated by Ambari on blueprint deployment   | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15919</a> | BUG-40451 | Migrate instance specific data from one version to another  | Pig View  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15946</a> | BUG-56207 | Make Current button doesn't work when 2 versions are being compared on Ambari UI  | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15953</a> | BUG-55123 | 'NameNode Last Checkpoint' script alert definition does not have default threshold parameters to trigger 'number of uncommitted transaction | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-15970</a> | BUG-56024 | Ambari UI under replicated blocks do not match active NN reports  | Ambari, HDFS  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16006</a> | BUG-48455 | Add logging to check_host.py  | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16072</a> | BUG-56882 | Stack advisor calls on a kerberized cluster should include all services and host mapping for all components                                 | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16128</a> | BUG-56306 | Ambari 2.2.1.1 reporting ACID off on slider, but actually on  | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16132</a> | BUG-56084 | Hive View: Date Filter editable in History Tab  | Hive View   |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16138</a> | BUG-52652 | Converting cluster to Kerberos the views should automatically adjust and work prior to the kerberization                                    | CapSched View, File Browser View, Hive View, Pig View |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16161</a> | BUG-56302 | takeover_config_merge.py should capture 'final' config attributes   | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16231</a> | BUG-58202 | mapreduce.jobhistory.http.policy & mapreduce.jobhistory.webapp.https.address property are not respected                                     | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16231</a> | BUG-58201 | mapreduce.jobhistory.http.policy & mapreduce.jobhistory.webapp.https.address property are not respected                                     | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16260</a> | BUG-57264 | Hive view: Prevent multiple /database calls when the first call takes time or fails   | Hive View   |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16271</a> | BUG-57312 | Increase retry count for ranger functions   | Ambari, Ranger  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16285</a> | BUG-55985 | Ambari UI should have properties related to Policy manager user's credentials in Ranger usersync service                                    | Ambari, Ranger  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16423</a> | BUG-57329 | Attempting to install on Amazon Linux, Agent fails to recognize OS  | Ambari  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16443</a> | BUG-56458 | [Hive View] - Save Default Settings should not permit empty parameter values  | Hive View   |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16638</a> | BUG-53663 | Ambari KnoxSSO support  | Ambari, Knox  |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16643</a> | BUG-57162 | Ambari allows installing a component on more than one host even with cardinality as 0-1   | Ambari  |

| Version | Category | Apache Jira                  | HWX Jira  | Summary  | Components          |
|---------|----------|------------------------------|-----------|--|---------------------|
| 2.4.0.0 | Other    | <a href="#">AMBARI-16692</a> | BUG-51792 | Ambari Upgrade should remove older RCA Database tables   | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16716</a> | BUG-47410 | Ambari copies jdbc driver jar into hadoop/lib and haoop-yarn/lib   | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16735</a> | BUG-46239 | HDFS data disk mount point permissions   | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16777</a> | BUG-58016 | Ambari to not install rpcbind package unless NFSGateway component is included  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16862</a> | BUG-57098 | [Grafana] Rename "HBase - Performance" dashboard to "HBase - RegionServers"  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16887</a> | BUG-56971 | [AMS / Grafana] Metrics are staying flat for 1 minutes, causing rate calculations to be 0  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16890</a> | BUG-56569 | Ranger KnoxSSO integration - Ambari config changes   | Ambari, Ranger      |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16890</a> | BUG-56281 | [Ranger smart config] Do not auto fill Ranger AD authentication user search filter with the values from user sync user search filter | Ambari, Ranger      |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16959</a> | BUG-58274 | Redundant info under config tab for falcon   | Ambari, Falcon      |
| 2.4.0.0 | Other    | <a href="#">AMBARI-16963</a> | BUG-57303 | Hive view should use Hive jdbc client  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17010</a> | BUG-51852 | Scheduled requests are always executed as AMBARI.ADMIN   | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17055</a> | BUG-49962 | RBAC: "VIEW USER" role is not able to access "CAPACITY SCHEDULER (YARN)" and PIG views   | CapSched View       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17087</a> | BUG-56305 | takeover_config_merge.py should provide XML, yaml, properties-diff capability  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17099</a> | BUG-54525 | expose tez config tez.runtime.shuffle.fetch.buffer.percent and tez.runtime.shuffle.memory.limit.percent                              | Ambari, Tez         |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17109</a> | BUG-39249 | Capacity scheduler view - problem with queue percent rounding  | CapSched View       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17118</a> | BUG-40541 | Incorrectly formatted external url in ranger configuration - causes Namenode startup failure   | Ambari, Ranger      |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17202</a> | BUG-58637 | Upgrading Ambari causes Alert fields not to save thresholds  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17223</a> | BUG-55518 | Ability to add "javax.jdo.option.ConnectionPassword" to hive clients from ambari   | Ambari, Hive, Hive2 |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17234</a> | BUG-17138 | 'ambari-server -version' command does not show build number  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17356</a> | BUG-60734 | Add the ability to perform interactive shell commands from Ambari server side actions  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17380</a> | BUG-60273 | DataNode Unmounted Alert produces false alerts when file:// URIs are used  | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17400</a> | BUG-60294 | Ambari could not detect the spark-client that is dependency of livy  | Ambari, Spark       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17479</a> | BUG-60597 | authorizer.class.name not being set on secure kafka clusters   | Ambari, Kafka       |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17526</a> | BUG-61179 | Ambari API for api/v1/clusters/<cluster_name>?fields=hosts/* does not return the metrics information                                 | Ambari              |
| 2.4.0.0 | Other    | <a href="#">AMBARI-17638</a> | BUG-61312 | yarn.exclude is placed on every host and path is not cutomizable   | Ambari              |

| Version | Category    | Apache Jira                  | HWX Jira  | Summary  | Components       |
|---------|-------------|------------------------------|-----------|--|------------------|
| 2.4.0.0 | Other       | <a href="#">AMBARI-17650</a> | BUG-61496 | Atlas port check fails when SSL is enabled, delete PORT alert since already have a WEB alert for Atlas daemon  | Ambari, Atlas    |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17678</a> | BUG-60957 | java.lang.IllegalArgumentException in atlas logs for "index.search.elasticsearch.client-only" and "index.search.elasticsearch.local-mode" configs                              | Ambari, Atlas    |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17715</a> | BUG-60429 | Not able to login using KnoxSSO if local/ldap Ambari User with same name exists  | Ambari, Knox     |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17735</a> | BUG-62241 | Zeppelin server should have yarn-client installed  | Ambari, Zeppelin |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17784</a> | BUG-62520 | Need to specify HADOOP_CONF_DIR in livy-env  | Ambari, Spark    |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17784</a> | BUG-62614 | AMS Storm Sink: remove redundant information from kafka offset metrics on storm-kafka  | Ambari           |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17802</a> | BUG-58926 | Blueprint deployment configures "org.apache.atlas.hive.hook.HiveHook" twice for "hive.exec.post.hooks" config  | Ambari, Atlas    |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17818</a> | BUG-62429 | Stack advisor should set Hive map join related properties properly   | Ambari, Hive     |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17907</a> | BUG-63128 | On AMS collector move the webapp address does not change   | Ambari           |
| 2.4.0.0 | Other       | <a href="#">AMBARI-17406</a> | BUG-60903 | Update Zeppelin service definition   | Ambari, Zeppelin |
| 2.4.0.0 | Other       | <a href="#">-TEZ-3064</a>    | BUG-49940 | View: running applications in Tez View it shows apps that are not in running state   | Tez              |
| 2.4.0.0 | Performance | <a href="#">AMBARI-13023</a> | BUG-43997 | Improve `fileNamesToUpdate` calculation time   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-13042</a> | BUG-44015 | Manage Config Groups: revert changes takes too much time   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-14699</a> | BUG-41856 | Heatmaps API takes over one minute to provide data for 1000 nodes  | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-15767</a> | BUG-55460 | Ambari should report about slow sudo hosts   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-15967</a> | BUG-56019 | JMX related parse exception on the perf cluster need to be looked at   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16287</a> | BUG-57019 | BGOperations is taking very long time to finish  | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16765</a> | BUG-57368 | While restarting node manager through Ambari, the yarn.local.dir permission got change from 755 to 775, and the other way around, causing long restarting time for nodemanager | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16830</a> | BUG-58378 | Desired configuration cache expiration caused 10,000's of database hits in large deployments   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16913</a> | BUG-58606 | Web client requests handled by Jetty should not be blocked by JMX property providers   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16929</a> | BUG-57325 | Automatically cleanup /var/run/ambari-server/stack-recommendations   | Ambari           |
| 2.4.0.0 | Performance | <a href="#">AMBARI-16980</a> | BUG-52534 | History tab takes a long time to populate when there is more entry in history table.   | Hive View        |
| 2.4.0.0 | Performance | <a href="#">AMBARI-17036</a> | BUG-59360 | Getting JMX protocol values on large cluster takes too long  | Ambari           |

| Version | Category    | Apache Jira  | HWX Jira  | Summary   | Components     |
|---------|-------------|--|-----------|---|----------------|
| 2.4.0.0 | Performance | <a href="#">AMBARI-17039</a>                                 | BUG-59382 | Takes long time to start or fail to start service after enabling SSL due to "dfs.https.enable"                | Ambari         |
| 2.4.0.0 | Performance | <a href="#">AMBARI-17164</a><br><a href="#">AMBARI-17454</a> | BUG-59434 | Add manual message for regenerating keytabs for Ranger upgrade  | Ambari, Ranger |
| 2.4.0.0 | Performance | <a href="#">AMBARI-17365</a>                                 | BUG-60357 | Add-host wizard on large clusters is painfully slow   | Ambari         |
| 2.4.0.0 | Performance | <a href="#">AMBARI-17695</a>                                 | BUG-62090 | AMS: Split point calculation not optimal for large clusters.  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-12257</a>                                 | BUG-40691 | hive-site/hive.metastore.sasl.enabled value incorrect when adding Hive to a Kerberized Cluster                | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-12348</a>                                 | BUG-40854 | Spnego principal can't be customized  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-13240</a>                                 | BUG-45137 | Kerberos: Allow multiple KDC hosts to be set while enabling Kerberos  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-13342</a>                                 | BUG-43573 | Allow access to callers with valid Knox authorization cookie  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-13853</a>                                 | BUG-45057 | UI should not use ldap_user field after introducing user_type one.  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-13859</a>                                 | BUG-47932 | Kerberos hangs on step 2  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14021</a>                                 | BUG-48539 | Empty configurations in enable kerberos wizard  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14118</a>                                 | BUG-41813 | All Kerberos-related fields are to be made read-only in the service configuration screens                     | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14130</a>                                 | BUG-46957 | Ambari Web UI stuck with wire encryption enabled and no truststore setup                                      | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14187</a>                                 | BUG-48973 | Restrict creating JWT user if local one with same name exists   | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14243</a>                                 | BUG-49228 | FE: Show message on login page if authentication failed   | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14308</a>                                 | BUG-49621 | RBAC: "Cluster User" should not be able to "start/stop/restart service component" component on "Host Actions" | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14348</a>                                 | BUG-49555 | Enabling AD security fails with 500 server error  | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-14434</a>                                 | BUG-50123 | Passwords for headless principals with cached keytab files are changed unnecessarily                          | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-15858</a>                                 | BUG-55132 | BP deploy not adding proxyuser entries to core-site.xml   | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-15871</a>                                 | BUG-56132 | App Timeline Server start fails on a kerberized cluster due to absence of hdfs keytab                         | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-15968</a>                                 | BUG-55762 | HBase masters go offline after kerberization on 2.2.9.0   | Ambari, Ranger |
| 2.4.0.0 | Security    | <a href="#">AMBARI-16023</a>                                 | BUG-56514 | Auth-to-local rule generation duplicates default rules when adding case-insensitive default rules             | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-16158</a>                                 | BUG-56095 | takeover_config_merge.py should process known template config files   | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-16251</a>                                 | BUG-57058 | Hive metastore alerts are present after upgrade/downgrade and enabling security                               | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-16654</a>                                 | BUG-57734 | yarn.timeline-service.enabled is set to false in secure cluster   | Ambari         |
| 2.4.0.0 | Security    | <a href="#">AMBARI-16677</a>                                 | BUG-57441 | Sticky bit keeps getting changed back to 777 after restart causing security checks to fail                    | Ambari         |

| Version | Category  | Apache Jira  | HWX Jira  | Summary   | Components     |
|---------|-----------|--|-----------|---|----------------|
| 2.4.0.0 | Security  | <a href="#">AMBARI-16788</a>                                 | BUG-57013 | Region server restart is failing to find hdfs.headless.keytab invoked by setup_ranger_hbase   | Ambari, Ranger |
| 2.4.0.0 | Security  | <a href="#">AMBARI-16810</a>                                 | BUG-57664 | Ambari Agent security bypassed in Python=>2.7.9   | Ambari         |
| 2.4.0.0 | Security  | <a href="#">AMBARI-16840</a>                                 | BUG-58204 | yarn startrip is failing in HA cluster in wireencrypted cluster   | Ambari         |
| 2.4.0.0 | Security  | <a href="#">AMBARI-16901</a>                                 | BUG-41861 | Add Service wizard: All kerberos related configurations shown on Configure Identities page should be made non-editable on configure services page | Ambari         |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17043</a>                                 | BUG-59396 | Fix description of SERVICE.ADD_DELETE_SERVICES permission   | Ambari         |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17324</a>                                 | BUG-61525 | Setup the correct authentication and authorization between Kafka and ZooKeeper  | Ambari, Kafka  |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17415</a><br><a href="#">AMBARI-17520</a> | BUG-61122 | Storm service check is failing with Ranger on kerberized cluster if randomized principal is used  | Ranger         |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17565</a>                                 | BUG-61494 | With wire-encryption enabled, Quick Links in Ambari UI points to incorrect atlas web url  | Ambari, Atlas  |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17617</a>                                 | BUG-61624 | [KMS] kms.log file gets bigger  | Ambari, Ranger |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17759</a>                                 | BUG-62461 | On Enabling Ranger plugin for hive-server interactive, plugin related required files are not created in hive2-conf                                | Ambari, Ranger |
| 2.4.0.0 | Security  | <a href="#">AMBARI-17852</a>                                 | BUG-62413 | TDE encryption did not happen as key wasnt created  | Ambari, Ranger |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12005</a>                                 | BUG-24902 | Admin View: Setting cluster name to more than 100 chars hangs ambari-server   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12162</a>                                 | BUG-40165 | Error after renaming config group and creating new one with the same name   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12215</a>                                 | BUG-40573 | Service Summary: failed requests to widget metrics  | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12317</a>                                 | BUG-39846 | False alert on "NameNode High Availability Health" due to Missing JMX objects   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12324</a>                                 | BUG-40044 | Oozie service check fails after Moving Oozie Server   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12405</a>                                 | BUG-40974 | Host value not saved when going back in RM HA wizard  | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12420</a>                                 | BUG-49794 | Alert "DataNode Process" creates ERROR messages in datanode log   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12890</a>                                 | BUG-42076 | Ambari Server and Agent should be more resilient when disk full   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12909</a>                                 | BUG-40296 | Existence of empty package folder in stack definition breaks the service  | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-12953</a>                                 | BUG-40577 | Ambari Agent logging set up incorrect   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-13019</a>                                 | BUG-43576 | Empty package folders on ambari-server causes corresponding component restart to fail   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-13076</a>                                 | BUG-44079 | Incorrect UI behaviour if host registration request fails   | Ambari         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-13211</a>                                 | BUG-45711 | Host checks does not report all errors in the very first check after Ambari Agent gets installed/registered                                       | Ambari         |

| Version | Category  | Apache Jira                  | HWX Jira  | Summary   | Components        |
|---------|-----------|------------------------------|-----------|---|-------------------|
| 2.4.0.0 | Stability | <a href="#">AMBARI-13229</a> | BUG-45059 | When non-supported version of python is set as default, Ambari fails in multiple places                                 | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-13559</a> | BUG-46691 | JS error on quick links if service wasn't installed successfully using ASW  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-13611</a> | BUG-46907 | Storm components fail to install on trunk   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14005</a> | BUG-48499 | Fix translation of different view resource type entities to all be of type VIEW   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14129</a> | BUG-48858 | No error appeared after pid dir and log dir property set to value with space at start                                   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14135</a> | BUG-48949 | Unable to delete config group in Install Wizard   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14144</a> | BUG-49079 | FK_permission_roleauthorization_permission_id is too long for a constraint identifier                                   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14172</a> | BUG-49017 | spark_thrift_cmd_opts fail to work  | Ambari, Spark     |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14173</a> | BUG-47896 | Ambari File View: Warning does not go away  | File Browser View |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14210</a> | BUG-49283 | User with SERVICE.MODIFY_CONFIGS authorization fails with 403 status updating configs                                   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14261</a> | BUG-49450 | Loading freeze after login as a view user   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14265</a> | BUG-49404 | Saving config overrides doesn't work when adding config to new group.   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14332</a> | BUG-49721 | Local admin user cannot login anymore   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14340</a> | BUG-49703 | Logging into Ambari UI when user only has access to views causes browser to cycle between login page and loading screen | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14414</a> | BUG-50020 | 'Oozie' and 'Metrics Collector' restart/start failed  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14431</a> | BUG-49723 | Agent becomes unresponsive after version incompatible Exception   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14565</a> | BUG-42085 | Renaming cluster in Ambari breaks alerts  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14649</a> | BUG-50675 | OOZIE_SERVER START failed   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-14984</a> | BUG-52383 | Script alert parameters with shell characters are not properly escaped  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15204</a> | BUG-53389 | Host checks should not be performed if 0 hosts register   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15314</a> | BUG-53535 | [Forward port to trunk] Component (ATS/HCAT) install intermittently fails on Suse due to repo unavailability            | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15356</a> | BUG-51678 | Filtering on version not installed hosts from the versions page does not work   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15583</a> | BUG-55027 | YARN service check fails due to syntax error  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15671</a> | BUG-55198 | On Ambari Agent restart currently running commands on that agent should be immediately aborted                          | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15685</a> | BUG-54588 | Ambari should verify JAVA_HOME Consistency  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15755</a> | BUG-55690 | Hive View should have some checks before starting similar to Pig View   | Hive View         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15756</a> | BUG-55696 | File Browser View should have some checks before starting similar to Pig View   | File Browser View |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15898</a> | BUG-58279 | Grafana fails to start when using custom data directory (sles11sp3)   | Ambari            |

| Version | Category  | Apache Jira                  | HWX Jira  | Summary  | Components          |
|---------|-----------|------------------------------|-----------|--|---------------------|
| 2.4.0.0 | Stability | <a href="#">AMBARI-15913</a> | BUG-55874 | HDP 2.4.0 upgrade: Ranger User sync settings control broken in Ambari UI                                   | Ambari, Ranger      |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15928</a> | BUG-54295 | Ambari falsely reporting Hiveserver2 up  | Ambari, Hive        |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15947</a> | BUG-52308 | Upgrading Ambari should delete any pyc files   | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15974</a> | BUG-56029 | Ambari does not use HTTPS protocol for the Falcon QuickLink when TLS is enabled for Falcon                 | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15982</a> | BUG-55807 | AMS metrics gaps/inconsistencies in data   | Ambari, YAaS        |
| 2.4.0.0 | Stability | <a href="#">AMBARI-15993</a> | BUG-56107 | Ambari does not show ATS is down even when the service is down   | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16028</a> | BUG-56534 | Namenode marked as INITIAL standby could potentially never start if other namenode is down                 | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16116</a> | BUG-56821 | Not able to edit Pig script tab  | Pig View            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16124</a> | BUG-53956 | On restarting, Ambari-agent goes in heartbeat lost state due to other java processes configurations        | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16135</a> | BUG-56143 | Creating a new script in Ambari Pig View hangs   | Pig View            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16146</a> | BUG-56841 | Hive View synchronized around entire connection creation causing deadlock                                  | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16157</a> | BUG-56007 | JDBC connect string for Ranger modified wrong for non-default port   | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16242</a> | BUG-55910 | Hive View and Pig View : one user overriding job details of other user in database                         | Hive View, Pig View |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16422</a> | BUG-57485 | Hive View : Upload table : show UI validation errors while creating table.                                 | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16440</a> | BUG-56541 | Flush metrics to collector if metric system is stopped gracefully in the Sink daemon                       | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16445</a> | BUG-56062 | [Hive View] Error while Closing unsaved Sheet  | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16447</a> | BUG-52522 | [UI Issue]Execution of empty pig script allowed from UI  | Pig View            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16463</a> | BUG-53917 | Update activemq from activemq-core to activemq-all in the Falcon startup properties                        | Ambari, Falcon      |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16626</a> | BUG-52887 | [Hive view] Break in UI for query settings in Firefox  | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16634</a> | BUG-49520 | Ambari Admin privilege required for Pig View. 403 error received when opening Pig View by a non-admin user | Pig View            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16641</a> | BUG-56892 | NN HA wizard cannot recover from server restart at Step 6  | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16666</a> | BUG-56886 | AMS Service check fails because collector takes too long to start up.                                      | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16713</a> | BUG-56125 | Hive View does not work with multi-bytes   | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16738</a> | BUG-56058 | [Hive View]Unavailable Column Search should throw 'No Match' message                                       | Hive View           |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16757</a> | BUG-52058 | Spark History Server heap size is not exposed (History Server crashed with OOM)                            | Ambari, Spark       |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16799</a> | BUG-58050 | Amabri UI hits "Error in persisting web client state at ambari server: Error 0"                            | Ambari              |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16802</a> | BUG-57848 | Delete tag on a property in stack definition is not honored after cluster deployment                       | Ambari              |

| Version | Category  | Apache Jira  | HWX Jira  | Summary   | Components        |
|---------|-----------|--|-----------|---|-------------------|
| 2.4.0.0 | Stability | <a href="#">AMBARI-16835</a>                                 | BUG-58105 | WEBHDFS PUT fails on Amazon Linux   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16875</a>                                 | BUG-57895 | Ambari ugsync with LDAP is not able to fetch group information (2.2.0)                            | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16914</a>                                 | BUG-58783 | Ambari uses too small a window for region server shutdown   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-16956</a>                                 | BUG-57496 | MapReduce service check fails and creates /user/ambari-qa directory with wrong permissions        | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17034</a>                                 | BUG-59279 | Spark: history server & thrift server failed with "Too small initial heap"                        | Ambari, Spark     |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17081</a>                                 | BUG-59531 | Hive View: Upload Table : Support for Date and Timestamp type detection according to hive specs   | Hive View         |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17093</a>                                 | BUG-59349 | Ambari cluster installation with blueprint is failing when installing only Kafka + AMS +ZooKeeper | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17103</a>                                 | BUG-59825 | Tez Version 2 deployment fails  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17111</a>                                 | BUG-59481 | ATS needs a dynamic dependency on Tez and Spark   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17148</a>                                 | BUG-57340 | yarncli throws log4j error "FileNotFoundException : /grid/0/log/yarn/hrt_qa/rm-audit.log"         | Ambari, YARN      |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17171</a>                                 | BUG-59789 | Falcon to create data-mirroring directory in HDFS if extensions is supported                      | Ambari, Falcon    |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17251</a>                                 | BUG-42401 | Blueprint is attempting to install Tez Client, causing install to fail                            | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17273</a><br><a href="#">AMBARI-17662</a> | BUG-60068 | Atlas HA fails to come up with error finding ids  | Ambari, Atlas     |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17313</a>                                 | BUG-57484 | Handle desired state for services/components on restart   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17350</a>                                 | BU-59941  | If two users are created differing in case then no users are shown due to error                   | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17369</a>                                 | BUG-60694 | hiveserver2-site.xml not created  | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17459</a>                                 | BUG-60673 | spark.driver.extraJavaOptions and spark.yarn.am.extraJavaOptions property is set to empty         | Ambari, Spark     |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17605</a>                                 | BUG-60215 | Upload table using Hive view will fail if Hive database is created with Location option           | Ambari            |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17623</a>                                 | BUG-61747 | nimbus.monitor.freq.secs should be 10 sec   | Ambari, Storm     |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17647</a>                                 | BUG-52486 | Tez view throws a 401 when looking at live progress of a running job                              | Ambari, Tez, YARN |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17771</a>                                 | BUG-61290 | [Ranger-Upgrade] after upgrade getting alert for ranger admin process connection                  | Ambari, Ranger    |
| 2.4.0.0 | Stability | <a href="#">AMBARI-17893</a>                                 | BUG-62970 | HBase OOM while booting   | Ambari, HBase     |
| 2.4.0.0 | Stability | na   | BUG-60993 | ZEPPELIN_MASTER installation failure with IndexError  | Ambari, Zeppelin  |
| 2.4.0.0 | Stability | na   | BUG-59078 | ZEPPELIN_MASTER INSTALL fails   | Ambari, Zeppelin  |
| 2.4.0.0 | Stability | <a href="#">RANGER-1024</a>                                  | BUG-59014 | Ranger PatchPermissionModel_J10003 is blocking upgrade when there's large amount of user          | Ambari, Ranger    |
| 2.4.0.0 | Stability | <a href="#">RANGER-1127</a>                                  | BUG-63202 | Enable Ranger Admin HA Wizard fails   | Ambari, Ranger    |

| Version | Category | Apache Jira                  | HWX Jira  | Summary  | Components     |
|---------|----------|------------------------------|-----------|--|----------------|
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-13309</a> | BUG-45601 | After hdp-select failure Ambari won't retry resulting in most components failures with strange output                                | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-13339</a> | BUG-45538 | Failure to create a Rolling Upgrade leaves an incorrect desired state  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-13406</a> | BUG-46118 | Rolling Upgrade: internal server error due to XML binding tasks to groupings   | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-13496</a> | BUG-46304 | Rolling Upgrades are duplicating Service Checks  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-13687</a> | BUG-47131 | Express Upgrade: Install Packages is throwing exception "Caught a system exception while attempting to create a resource"            | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14012</a> | BUG-41044 | After upgrade, Ambari UI does not show versions tab  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14242</a> | BUG-49373 | Test-case for EU: Downgrade goes through all steps even if initiated at first prompt, should exit since hasn't changed stack/configs | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14418</a> | BUG-49993 | After downgrade, cluster desired configurations are not set  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14469</a> | BUG-49403 | Upgrade Wizard popup displayed over login page   | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14631</a> | BUG-45356 | RU step retries overwrite logs from previous run   | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14740</a> | BUG-50122 | Add params to alert definitions during ambari upgrade  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-14994</a> | BUG-52444 | CLUSTER.MANAGE_CONFIG_GROUPS not present in table 'roleauthorization' error during upgrade from 2.2.1 to 2.4.0                       | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15330</a> | BUG-51826 | Bubble up errors during RU/EU  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15446</a> | BUG-51825 | Auto-retry on failure during RU/EU   | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15505</a> | BUG-52517 | Ambari upgrade for 2.0.x version to 2.1.x doesn't retain properties value from ranger-site   | Ambari, Ranger |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15751</a> | BUG-55228 | RU/EU PreCheck to ensure dfs.client.retry.policy.enable is set to false  | Ambari, HDFS   |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15880</a> | BUG-55954 | ATS heapsize cannot be changed in Ambari-2.2.1.1 or greater post Ambari Server upgrade, even though the bug should be fixed          | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15913</a> | BUG-52518 | HDP upgrade from 2.2 to 2.3, 2.4 doesn't copy ranger-site properties   | Ambari, Ranger |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-15991</a> | BUG-56170 | RU/EU should check DN and RS liveness differently, need to wait longer and check if process if up if liveness check fails            | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-16026</a> | BUG-56146 | YARN ATS Should Advertise a Version  | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-16027</a> | BUG-54675 | RU does not handle Kafka .8.* topics well (Changes broker IDS)   | Ambari, Kafka  |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-16075</a> | BUG-56562 | MR service check failed during EU (Intermittent)   | Ambari         |
| 2.4.0.0 | Upgrade  | <a href="#">AMBARI-16115</a> | BUG-55592 | After upgrade ambari-env.sh was changed (WARNING: Can not find ambari-env.sh.rpmfile from previous version)                          | Ambari         |

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|---------|-----------|--|-----------|--|----------------|
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16156</a>                               | BUG-56591 | Sometimes : Warning Alert for Atlas (HTTP 500 response from) is present after upgrade to 2.2.2.0   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16185</a>                               | BUG-56542 | Express Upgrade stuck on getting status on 1600 node cluster   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16272</a>                               | BUG-52321 | "ambari-server upgrade" shouldn't automatically add stack configs  | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16651</a>                               | BUG-56393 | Ambari 2.2.0 breaks backward compatibility with HDP 2.3.2 and below due to spark configs with hdp.version being removed                    | Ambari, Spark  |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16704</a>                               | BUG-55520 | UI - RU/EU, when initiating a downgrade, should ensure that request to ABORT upgrade returns 200   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-16717</a>                               | BUG-57493 | Knox Gateway uses wrong keystore after upgrade   | Ambari, Knox   |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-17198</a>                               | BUG-56045 | Failure in mahout package installation upon retry is not correctly reported causing EU to fail   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-17317</a>                               | BUG-56507 | tez.tez-ui.history-url.base did not get updated after ambari upgrade   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-17319</a>                               | BUG-47441 | Ambari Rolling Upgrade- Upgraded from HDP 2.2.4.2 to HDP 2.3.2 changes the hiveserver 2 port from 10000 to 10010 after upgrade is complete | Ambari, Hive   |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-17375</a>                               | BUG-53905 | [RU/EU] According to Atlas run-book, implement upgrade for Atlas component   | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-17823</a>                               | BUG-62206 | RU: Oozie workflow goes in SUSPENDED state during Rolling upgrade  | Ambari, Oozie  |
| 2.4.0.0 | Upgrade   | <a href="#">AMBARI-9294</a><br><a href="#">AMBARI-9429</a> | BUG-30618 | Versions: hosts got out of sync and could not install version  | Ambari         |
| 2.4.0.0 | Upgrade   | <a href="#">RANGER-1096</a>                                | BUG-61843 | [EU] Ranger upgrade fails in prepare upgrade step  | Ambari, Ranger |
| 2.4.0.0 | Upgrade   | <a href="#">RANGER-910</a>                                 | BUG-54742 | Error during EU while applying Ranger Java patches   | Ambari, Ranger |
| 2.4.0.0 | Usability | <a href="#">AMBARI-11241</a>                               | BUG-36990 | Wrong service order when sorting on the alerts page  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-11670</a>                               | BUG-50376 | Width of services menu container is fixed and causes part of longer service names to be rendered outside the frame                         | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-11791</a>                               | BUG-37383 | Enhanced config: configs version box: repo version should be consistent with other info  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12050</a>                               | BUG-39840 | Redundant alerts hint  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12124</a>                               | BUG-40155 | Add Host wizard: Configurations step is empty  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12164</a>                               | BUG-40160 | Wrong Dependent Configurations message   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12234</a>                               | BUG-40064 | Critical or Warning Alerts Popup: tooltips don't work after using pagination   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12447</a>                               | BUG-30649 | Warn the user if the user is about to delete a host with slaves that are not in decommissioned state                                       | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12523</a>                               | BUG-40437 | Incorrect ZooKeeper Server dropdown behaviour on step 5 of installer   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12550</a>                               | BUG-40163 | Discard button doesn't hide Dependent Configurations message   | Ambari         |

| Version | Category  | Apache Jira                  | HWX Jira  | Summary   | Components     |
|---------|-----------|------------------------------|-----------|---|----------------|
| 2.4.0.0 | Usability | <a href="#">AMBARI-12593</a> | BUG-40062 | Enable Kerberos: Config values should be trimmed  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-12723</a> | BUG-35095 | Host name field on hosts page is too short  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13090</a> | BUG-28158 | Ambari UI doesn't show correct cluster info   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13154</a> | BUG-45613 | Label of required fields in Details section of Create View Instance UI should include an asterisk                     | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13247</a> | BUG-45186 | All config controls are shown in Advanced Tab   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13579</a> | BUG-46719 | Wrong sorting icons on config history page  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13857</a> | BUG-46722 | Recommendation popup should distinguish between empty value property and absent properties from current configuration | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13891</a> | BUG-40435 | Scrolls on the configs comparison   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13914</a> | BUG-47380 | Hard to see/print configuration changes that will be performed as part of an Upgrade                                  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-13990</a> | BUG-48393 | Small width for quick links dropdown  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14085</a> | BUG-48863 | Services loaded in model unsorted   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14126</a> | BUG-48945 | Override icon doesn't show up when group is not default.  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14179</a> | BUG-49055 | Add Config Group name validation  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14180</a> | BUG-49189 | Recommendation popup: non-existing properties do not retain their initial value in "current value" column             | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14244</a> | BUG-49214 | Textarea with task logs is too wide   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14267</a> | BUG-49382 | Logging into Ambari UI when role is less than Cluster Administrator brings user to Views page                         | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14279</a> | BUG-49388 | Add Service Wizard: Ranger requirements popup is displayed twice when adding Ranger Service                           | Ambari, Ranger |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14294</a> | BUG-49383 | Users with the Cluster Operator role sees incorrect cluster-level options in Ambari UI                                | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14345</a> | BUG-49729 | Information missing from header bar in UI   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14358</a> | BUG-49735 | On Add Service wizard, Ranger Admin Tab shows red badge for unknown property  | Ambari, Ranger |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14365</a> | BUG-48968 | HDFS Smart Configs: Inconsistent values on slider   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14404</a> | BUG-49848 | Ambari Admin: incorrect cluster filter behaviour on Versions page   | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14426</a> | BUG-49035 | If repos for the current os are not defined install_packages doesn't show error                                       | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14442</a> | BUG-50249 | Typo in error message displayed when connection fails in Hive view  | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14510</a> | BUG-49749 | Ambari Admin: fix 'clear filters' link display condition in Versions table and apply it to other tables               | Ambari         |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14546</a> | BUG-49665 | Some elements are overlapping on Script Details UI for Pig View   | Pig View       |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14589</a> | BUG-50449 | [UI] Kerberos-> Configs -> description tooltip is not appearing for checkboxes  | Ambari         |

| Version | Category  | Apache Jira                  | HWX Jira  | Summary   | Components  |
|---------|-----------|------------------------------|-----------|---|---|
| 2.4.0.0 | Usability | <a href="#">AMBARI-14737</a> | BUG-47772 | Comparison box exists on the page after configs rerender  | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14757</a> | BUG-45959 | Host check doesn't show warning about working firewall on the host (Suse only)                          | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14761</a> | BUG-51315 | User loses all privileges after page refresh on Install Wizard  | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14818</a> | BUG-51419 | Incorrect markup of some Accumulo metrics widgets   | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14841</a> | BUG-47744 | Filtering hosts with alerts by name gives incorrect results   | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-14991</a> | BUG-51520 | Use the same colors for cpu metrics between summary and host page                                       | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-15799</a> | BUG-55800 | Validation issues popup should have "Continue Anyway" button is in green (success) color                | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-15810</a> | BUG-49039 | Not all operations shown on "Background Operations" window  | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-15840</a> | BUG-55721 | Sorting Alerts with ALERT NAMES in Alerts UI is not working as expected                                 | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-1620</a>  | BUG-56988 | Default query queues doesn't fit in the Interactive query box   | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16450</a> | BUG-56340 | Files view: typo in message shown on upload files window  | File Browser View                                     |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16452</a> | BUG-52687 | [Hive View] EXPLAIN text is spilling out  | Hive View   |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16708</a> | BUG-57313 | Falcon Quick Links is missing in Ambari   | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16798</a> | BUG-58330 | Fix Ambari UI Persistent Error message  | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16897</a> | BUG-48606 | Sorting works opposite on Config History tab for config groups  | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-16900</a> | BUG-58364 | Delete Host message is incorrect, suggests all Clients will be deleted from cluster                     | Ambari  |
| 2.4.0.0 | Usability | <a href="#">AMBARI-17135</a> | BUG-48859 | Ambari Views logs should include information of view instance   | File Browser View, Hive View, Pig View                |
| 2.4.0.0 | Usability | <a href="#">AMBARI-17214</a> | BUG-48860 | Ambari views logs should be more verbose and should include info/error/debug logs at appropriate places | CapSched View, File Browser View, Hive View, Pig View |
| 2.4.0.0 | Usability | <a href="#">TEZ-3277</a>     | BUG-58622 | nvalid error message in Tez UI leads to confusion   | Tez   |