

Release Notes for Ambari 2

Apache Ambari Release Notes

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Apache Ambari Release Notes

This document provides you with the latest information about the Apache Ambari 2.7.3 release.

Descriptions of New Features

There are no new features introduced in the Ambari 2.7.3 release.

Behavioral Changes

Behavioral changes denote a marked change in behavior from the previously released version to this version of Ambari. There are no behavioral changes in this version when compared to the previously released version.

Patch Information

This section lists patches in Ambari 2.7.3 beyond what was fixed in the base version of Apache Ambari 2.7.3.0. Ambari 2.7.3 is based on Apache Ambari 2.7.3.0 and the following patches.

Table 1: Apache Ambari 2.7.3 Patches

| Apache Jira | Description |
|------------------------------|--|
| AMBARI-24886 | Add stack feature constant to support Ranger admin users password change |

Table 2: Apache Ambari 2.7.1 Patches

| Apache Jira | Description |
|------------------------------|--|
| AMBARI-24523 | Hive and Oozie JDBC url reset after set manually |
| AMBARI-24543 | Client install is failing with Ambari 2.7.0 on Ubuntu14 |
| AMBARI-24522 | Cannot connect to MIT KDC admin server when port is specified in kerberos-env/ admin_server_host |
| AMBARI-24520 | Fix set KDC admin credentials section in enable Kerberos documentation |
| AMBARI-24524 | Unable to validate password complexity for properties rangertagsync_user_password, rangerusersync_user_password |
| AMBARI-24526 | Status of components does not become RED if their daemon goes down immediately after successful start |
| AMBARI-24527 | Unable to Add ZooKeeper-Only Host To Cluster With Hadoop |
| AMBARI-24426 | [Log Search UI] Show user friendly component names in Log Index Filter screen |
| AMBARI-24435 | [Log Search UI] Remove underline text decoration from dropdowns on hover |
| AMBARI-24550 | YARN Timeline Service V2 Reader goes down after Ambari Upgrade from 2.7.0.0 to 2.7.1.0 |
| AMBARI-24553 | Cannot start Hive Metastore without HDFS |
| AMBARI-24540 | Allow skipping Oozie DB schema creation for sysprepped cluster |
| AMBARI-24552 | Storm service-check fails due to missing StringUtils class definition |

| Apache Jira | Description |
|------------------------------|---|
| AMBARI-24563 | global name 'VERIFY_DEPENDENCY_CMD' is not defined' |

Table 3: Apache Ambari 2.7.0 Patches

| Apache Jira | Description |
|------------------------------|--|
| AMBARI-24254 | ADDENDUM: flag infra-solr instances to restart after upgrade |
| AMBARI-23945 | Infra Solr migration: REQUESTSTATUS response content type is xml instead of json |
| AMBARI-24276 | Upgrade failed at ConvertTable, container mode, with data deployed |
| AMBARI-24268 | Fix pre-upload script references, clean imports |
| AMBARI-24270 | Agent Status Command Are Randomly Failing With Empty stderr |
| AMBARI-24275 | Unable to Restart Hive When Using An Ambari-Managed MySQL Server |
| AMBARI-24278 | Infra Solr: /etc/security/limits.d folder does not exist on Suse |

Common Vulnerabilities and Exposures

No Common Vulnerabilities and Exposures (CVEs) fixes apply to Ambari 2.7.3.

Fixed Issues

Fixed issues represents selected issues that were previously logged via Hortonworks Support, but are now addressed in the current release. These issues may have been reported in previous versions within the Known Issues section; meaning they were reported by customers or identified by Hortonworks Quality Engineering team.

Other

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|--|
| BUG-109907 | AMBARI-24542 | Rename LDAP configuration ambari.ldap.advance.collision_behavior |

Security

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|---|
| BUG-107090 | AMBARI-24593 | Download client config fails if user running Ambari server has UID>2097151 |
| BUG-109839 | AMBARI-24536 | Ambari SPNEGO breaks SSO redirect |
| BUG-109960 | AMBARI-24546 | Protect the Request resource so that only authorized users may have read-only access the data |
| BUG-110181 | AMBARI-24562 | Protect the ClusterConfig resource so that only authorized users may have read-only access the data |
| BUG-110695 | AMBARI-24616 | Disable Kerberos from Ambari UI didn't clean up keytab directories |
| BUG-111350 | AMBARI-24757 | Grafana start failing on U14 fails with error "AttributeError: 'module' object has no attribute 'PROTOCOL_TLSv1_2'" |
| BUG-111644 | AMBARI-24690 | Ambari-server setup-ldap throws an error when the OU has spaces |
| BUG-87895 | AMBARI-22863 | Hive should handle a customized Zookeeper service principal name |
| BUG-87896 | AMBARI-24576 | Ambari Metrics should handle a customized Zookeeper service principal name |

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|---|
| BUG-87901 | AMBARI-24565 | HDFS should handle a customized Zookeeper service principal name |
| BUG-87902 | AMBARI-24564 | Zookeeper should handle a customized Zookeeper service principal name |

Stability

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|--|
| BUG-109836 | AMBARI-24535 | File View not accessible in Ambari 2.7 after enabling 3 namenodes in HDP 3.0 |
| BUG-110504 | AMBARI-24596 | Stack Advisor reported an error. Exit Code: 2. Error: KeyError: 'onefs' |
| BUG-110804 | AMBARI-24641 | Stackadvisor error while trying to add atlas service. Error - "if mountPoints[mountPoint] < requiredDiskSpace: KeyError: None" |
| BUG-110964 | AMBARI-24637 | Ambari metrics service check failed during UI deploy |
| BUG-111145 | AMBARI-24669 | Ambari Metrics collector stuck at stopping status; unable to perform any other operation on it. |
| BUG-111507 | AMBARI-24679 | Fix race condition in agent during registration and topology updates. |

Supportability

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|--|
| BUG-109917 | AMBARI-24540 | Allow skipping Oozie DB schema creation for sysprepped cluster |
| BUG-110166 | AMBARI-24548 | Allow skipping Hive Metastore schema creation for sysprepped cluster |
| BUG-111556 | AMBARI-24681 | Cannot deploy cluster without HDFS_CLIENT |

Usability

| Hortonworks Bug ID | Apache JIRA | Summary |
|--------------------|------------------------------|--|
| BUG-110638 | AMBARI-24605 | ambari-server exception if any user with cluster operator role is trying to edit the widget. |
| BUG-111968 | AMBARI-24781 | Ambari setup-ldap doesn't persist settings |
| BUG-112913 | AMBARI-24815 | Add column to show which service recommended changes during upgrade refer to |
| BUG-113683 | AMBARI-24852 | NPE in default host group replacement |

Known Issues

Ambari 2.7.3 has the following known issues, scheduled for resolution in a future release.

Table 4: Ambari 2.7.3 Known Issues

| Apache Jira | Hortonworks Bug ID | Problem | Solution |
|-------------|--------------------|--|--|
| N/A | BUG-106651 | After express upgrade, Ambari Metrics System metrics collectors may be found to be down. | Manually restart the metrics collectors on affected nodes. |
| N/A | BUG-105090 | Oozie service check failure on HA cluster during EU | If Ranger HA and/or Oozie Server HA is configured and a custom composite keytab file is being used, service checks for Ranger and Oozie will fail during the HDP 2.6 to HDP 3.0 Upgrade. |

| Apache Jira | Hortonworks Bug ID | Problem | Solution |
|-------------|--------------------|---|---|
| N/A | BUG-108926 | After using patch upgrade on storm, exceptions are found in the logs when running service checks. | No known workaround. Service checks exceptions for this service immediately after patch upgrade can be safely ignored. |
| AMBARI-2446 | BUG-113526 | When using redhat satellite for repository management, if a repo URL is not specified for each operating system, the installation can fail. | <ol style="list-style-type: none"> 1. Do a fresh sign into Ambari Server. 2. Click on Register Version screen. 3. Click on option "Use local repository" 4. Select the appropriate OS version and remove the unwanted OS version. 5. Put some dummy url (that starts with http://) in the repo fields 6. Now select the option "Use Redhat Satellite repo" 7. Make the package changes if needed and proceed. |
| AMBARI-2446 | BUG-109486 | Upgrade History page is blank after a cluster is upgraded multiple times. | No known workaround. |
| N/A | BUG-109756 | YARN Timeline Service V 2.0 Reader component stops after a patch upgrade of the service HBase from HDP 3.0.0 to HDP 3.0.1. | Manually start the YARN Timeline Service V 2.0 Reader component. |
| N/A | BUG-115506 | Unable to create tables after upgrade if running hive as custom user. | Change permissions on the Hive directory. |
| N/A | BUG-115309 | Ambari Metrics System Collector HBase cannot be started after Express Upgrade on secured clusters. | <p>Clear out the data on the znode specified in <code>ams-hbase-site:zookeeper.znode.parent</code>.</p> <ul style="list-style-type: none"> • If Ambari Metrics System is in embedded mode, this can be done by deleting the directory as specified in the <code>ams-hbase-site</code> property 'HBase ZooKeeper Property DataDir'. • If Ambari Metrics System is in distributed mode, this can be done by deleting the znode in cluster zookeeper using <code>zkCli</code>. Instead of deleting the znode, you can change the value of the znode from <code>/ams-hbase-unsecure</code> to something like <code>/ams-hbase-unsecure-new</code>. <pre>msg=org.apache.hadoop.hbase.NotServingRegionException: hbase:meta,1 is not online</pre> |
| N/A | BUG-115815 | Zeppelin Server status alerts are not triggered even when Zeppelin server is stopped. | <p>In the <code>alert_check_zeppelin.py</code> script located in the <code>/var/lib/ambari-agent/cache/common-services/ZEPPELIN/<version>/package/scripts/</code> folder, change the 'return' statement to the following:</p> <pre>return (RESULT_CODE_CRITICAL, ["Zeppelin is not running"])</pre> |

| Apache Jira | Hortonworks Bug ID | Problem | Solution |
|-------------|--------------------|--|---|
| N/A | SPEC-57 | <p>Spectrum Scale installation Fails in Ambari for scripts not found reason.</p> <p>Exception is seen when the Mpack is integrated with the following error:</p> <pre> stdout: / var/lib/ ambari- agent/ data/ output-402.txt Caught an exception while executing custom service command: <class 'ambari_agent.AgentException.AgentException'>: 'Script / var/lib/ ambari- agent/ cache/ extensions/ SpectrumScaleExtension /2.7.0.1/ services/ GPFS/ package/ scripts/ slave.py does not exist'; 'Script / var/lib/ ambari- agent/ cache/ extensions/ SpectrumScaleExtension /2.7.0.1/ services/ GPFS/ package/ scripts/ slave.py does not exist'</pre> | <p>Ensure that the property agent.auto.cache.update=true is set in /etc/ambari-server/conf/ambari.properties on the Ambari Server, and then restart the Ambari Server so that the Ambari agents will now get the propagated changes for the Mpack extensions.</p> |

| Apache Jira | Hortonworks Bug ID | Problem | Solution |
|-------------|--------------------|---|---|
| AMBARI-2506 | SPR-58, BUG-11632 | HDP 3.1.0 with local repository fails to deploy. Empty baseurl values written to the repo files when using a local repository causes an HDP stack installation failure. | <ol style="list-style-type: none"> Go to the folder /usr/lib/ambari-server/web/javascripts using <pre>cd /usr/lib/ambari-server/web/javascripts</pre> Take a backup of app.js using <pre>cp app.js app.js_backup</pre> Edit the app.js file. Find the line(39892) <pre>onNetworkIssuesExist: function () {</pre> <p>Change the line from :</p> <pre>/** * Use Local Repo if some network issues exist */ onNetworkIssuesExist: function () { if (this.get('networkIssuesExist')) { this.get('content.stacks').forEach(function (stack) { stack.setProperties({ usePublicRepo: false, useLocalRepo: true }); stack.cleanReposBaseUrls(); }); } }.observes('networkIssuesExist'),</pre> <p>to</p> <pre>/** * Use Local Repo if some network issues exist */ onNetworkIssuesExist: function () { if (this.get('networkIssuesExist')) { this.get('content.stacks').forEach(function (stack) { if(stack.get('useLocalRepo') != true){ stack.setProperties({ usePublicRepo: false, useLocalRepo: true }); } stack.cleanReposBaseUrls(); }); } }.observes('networkIssuesExist'),</pre> Reload the page, and then start the create cluster wizard again. |

Documentation Errata

This section contains late additions or corrections to the product documentation.

Legal Information

Apache Ambari 2.7.3

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