

Sub-task

- [SLIDER-81] - Support placement of containers on labeled YARN nodes
- [SLIDER-205] - hbase package to work on windows
- [SLIDER-209] - Switch to slider.py as script everywhere
- [SLIDER-222] - Enhance registry command with --out option
- [SLIDER-344] - Slider to get ZK tokens to agents
- [SLIDER-351] - Agent web app not starting on Windows
- [SLIDER-375] - slider-core tests failing on windows
- [SLIDER-394] - slider client and AM services to fail-fast if the hadoop dependencies are missing
- [SLIDER-395] - testZKIntegration broken
- [SLIDER-401] - slider-agent tests not running on windows
- [SLIDER-419] - slider.py blocking on windows
- [SLIDER-420] - slider funtests not working on windows
- [SLIDER-445] - TestStandaloneAMMonkeyRestart.testStandaloneAMMonkeyRestart failing intermittently
- [SLIDER-455] - TestStandaloneAMMonkeyRestart test failure
- [SLIDER-477] - add funtest to verify flexing
- [SLIDER-478] - agent ZK bindings to move to YARN registry
- [SLIDER-492] - Get Curator & Guava in Hadoop consistent
- [SLIDER-500] - registration failing if username isn't valid DNS entry
- [SLIDER-504] - update src & docs to new registry keys; deprecate old ones
- [SLIDER-506] - slider "resolve" command to support ~ to mean "home dir of current user"
- [SLIDER-509] - Add/extend funtests to use registry (and resolve command)
- [SLIDER-516] - allow slider registry command to take a user
- [SLIDER-531] - adopt gour's' suggested improvements to registry
- [SLIDER-557] - ACL checks are stopping CI builds
- [SLIDER-565] - IT test to set the SLIDER_JVM_OPTS env var to see it propagates
- [SLIDER-570] - funtests to grab last (failing) app report on a launch failure
- [SLIDER-572] - add startup delay for the chaos monkey
- [SLIDER-573] - AgentIT test to include GET of / of web UI
- [SLIDER-579] - Add "slider lookup operations" & --out args to get the app reports of launched apps
- [SLIDER-581] - AgentClusterLifecycleIT test failing on windows
- [SLIDER-584] - CommandEnvironmentIT failing on HA cluster - assertion failures
- [SLIDER-591] - regression: ListCommandIT broken with changed exit codes
- [SLIDER-602] - AgentRegistryIT-testAgentRegistry failing: ~ passdown
- [SLIDER-604] - AppsThroughAgentIT brittle against slow startup
- [SLIDER-607] - Test failing: AgentRegistryIT
- [SLIDER-608] - AM to only register service record at app level
- [SLIDER-621] - increase timeouts of integration tests to 30m
- [SLIDER-624] - AM slow startup due to (needless) DTD resolution -triggers timeouts
- [SLIDER-672] - Publish slider 0.60.0 artifacts to apache dist

Bug

- [SLIDER-105] - Agent provider service/client should reject component instance count when it exceeds the specified maximum or below the minimum
- [SLIDER-167] - Automatically copy slider-agent.tar.gz when creating an application
- [SLIDER-235] - Include property yarn.resourcemanager.scheduler.address with default placeholder value in slider-client.xml
- [SLIDER-243] - slider client should read hadoop cluster configuration from *-site.xml
- [SLIDER-252] - openssl support needs to handle file path differences between windows and linux
- [SLIDER-263] - AM should no longer persist keystore password
- [SLIDER-274] - Flex'ing with unknown role name results in BadConfigurationException
- [SLIDER-289] - HBase Package: REST gateway shouldn't be displayed if REST is not configured
- [SLIDER-291] - Reconstruct published configuration when agents register with the AppMaster and then publish them
- [SLIDER-297] - TestMockAppStateContainerFailure#testShortLivedFail fails due to startFailed being 0
- [SLIDER-299] - What is the recommendation if a user wants a single active version of Slider
- [SLIDER-301] - Add support for default status check through pid file
- [SLIDER-315] - Add ability to the HBase package to specify hbase-env.sh as a full file
- [SLIDER-316] - Add ability to accept a configuration files as is
- [SLIDER-328] - Ports should be re-allocated when containers are re-allocated
- [SLIDER-337] - Agent error when trying to deploy Accumulo
- [SLIDER-338] - Add support to ingest configuration from the supplied default config file
- [SLIDER-340] - Fix broken link in Apache Slider doc
- [SLIDER-343] - Command files have incorrect hostname
- [SLIDER-345] - AM REST API insecure

- [SLIDER-346] - Application metainfo should be able to explicitly specify available config files
- [SLIDER-348] - Use command timeout specified in the metainfo
- [SLIDER-354] - Add support for zip packages
- [SLIDER-355] - Agent is unable to connect to ZK on windows to retrieve AM host and port
- [SLIDER-357] - slider bash script cannot handle if java is in the path
- [SLIDER-359] - Create hbase package for Windows
- [SLIDER-360] - Accumulo package fails to deploy as Slider expects config files to be supported to be specified in the metainfo
- [SLIDER-363] - chaos monkey keeps running/renewing, even when inactive
- [SLIDER-364] - Directories created by rpm are inaccessible
- [SLIDER-366] - Cleanup application packages
- [SLIDER-368] - Ensure app package installed by maven is usable
- [SLIDER-373] - AgentUtils.getApplicationMetaInfo() swallows IO and parse exceptions
- [SLIDER-378] - Slider AM restart: Logfolders and componentinstancedata not getting published
- [SLIDER-379] - HBase package should by default set hbase.master.port to 0
- [SLIDER-380] - Add ability for a application to specify what system configs they need
- [SLIDER-381] - Slider-client exists command does not report status correctly
- [SLIDER-383] - Appmaster to move to async renew requests
- [SLIDER-385] - Property container.failure.shortlife needs a prefix
- [SLIDER-386] - Role-specific failure threshold not set properly
- [SLIDER-387] - Improvements needed in default appConfig.json for Accumulo
- [SLIDER-388] - Assume default zookeeper port if unspecified
- [SLIDER-389] - Upgrade kazoo code base to latest version
- [SLIDER-391] - appConfig.json should allow reference to other config properties and resolve them automatically
- [SLIDER-392] - Security enabled or not should depend on correct configuration
- [SLIDER-393] - fix pom to publish jars to Apache Nexus , both staging & snapshots
- [SLIDER-399] - Agent command doesn't consider the case where LOG_DIRS contains multiple directories
- [SLIDER-405] - Minor changes to the rpm and scripts to facilitate easy deployment
- [SLIDER-407] - Add install package command to install app packages
- [SLIDER-408] - slider getconf command should be removed
- [SLIDER-416] - Slider doesn't understand _HOST in kerberos principals
- [SLIDER-418] - slider version command fails if the config isn't valid
- [SLIDER-422] - Automatically upload slider-agent tarball to the app instance directory
- [SLIDER-424] - AM does not create correct tracking URL when HTTPS is enabled
- [SLIDER-426] - If an app is in ACCEPTED state then it cannot be stopped or destroyed
- [SLIDER-428] - When AppMaster received container release notification it should ask agents to go down if they are still heart-beating in
- [SLIDER-431] - AM is not reachable when HTTPS is enabled
- [SLIDER-433] - Remove unused jinja extensions
- [SLIDER-434] - Modify default application package locations to the default upload location
- [SLIDER-435] - Slider client should accept target yarn queue as an input parameter
- [SLIDER-437] - Re-login is needed to ensure the TGT is up to date
- [SLIDER-438] - Slider agent continues to run in the container on a node where NM dies
- [SLIDER-439] - RM never fulfilled Slider AM's container request after NM died on a node where HRegionServer was running
- [SLIDER-440] - Add an env.sh file to limit post install changes to conf dir
- [SLIDER-444] - Minor corrections to default app packages
- [SLIDER-446] - delegation token renewer identity may require definition of 'slider' user and principal
- [SLIDER-447] - Post enablement of RM HA, Slider client still needs yarn.resourcemanager.address
- [SLIDER-448] - AMFailuresIT needs vagrant
- [SLIDER-450] - The template and resources json files embedded within the app package should be named default and include comments to that effect
- [SLIDER-451] - slider install-package could use better error messages
- [SLIDER-452] - App packages should have consistent url keys
- [SLIDER-454] - Jersey doesn't marshall @JsonProperty annotated fields correctly
- [SLIDER-457] - Avoid using Application environment variables within other environment variables
- [SLIDER-458] - Slider CLI help is very verbose
- [SLIDER-459] - Environment variable for containers do not expand correctly
- [SLIDER-460] - Log spew from Slider commands should go to stderr
- [SLIDER-462] - Slider flex with an invalid component/role name actually tries to add the new role
- [SLIDER-463] - Have each container instance for a role be assigned with a unique integer id starting at 1 up to maximum requested instances
- [SLIDER-464] - need a install-keytab slider client command
- [SLIDER-465] - Get rid of sensitive properties in accumulo-site.xml default file for accumulo app package
- [SLIDER-467] - FinalStatus should not say Failed for applications that are stopped
- [SLIDER-468] - Stopped application status should say Stopped
- [SLIDER-470] - slider appears to support negative component counts
- [SLIDER-474] - convert token based authentication to kerberos/keytab based
- [SLIDER-481] - Exports should allow a multiple line items per export and a more hierarchical structure
- [SLIDER-484] - app-package/hbase not in slider base pom
- [SLIDER-485] - Slider should not set the default queue to "default" - it should rely on YARN to pick the default queue

- [SLIDER-486] - slider bin internally uses --classpath and causes issues in some JDKs
- [SLIDER-487] - chown should not be allowed for Slider Apps
- [SLIDER-488] - Slider includes wrong version of commons-codec
- [SLIDER-489] - Allow java home to be set for accumulo app package
- [SLIDER-490] - When containers ask cannot be satisfied, flex down seems to bring down active containers
- [SLIDER-491] - Enhance keytab-based security approach
- [SLIDER-493] - Allow specification of hadoop dirs in accumulo default config
- [SLIDER-497] - Secure funtests failing: no keytab
- [SLIDER-502] - localize the AM certificate to agent containers
- [SLIDER-503] - need mechanism for passing in two way ssl passphrase for launch command of agent containers
- [SLIDER-505] - Have Slider AppMaster listen on a port from a reserved list
- [SLIDER-515] - Ensure Slider clients uploads all jars needed by AppMaster and construct own class path
- [SLIDER-517] - Support mutual authentication between AppMaster and Agent
- [SLIDER-519] - Cleanup slider-client.xml for the slider package
- [SLIDER-525] - Storm app package for windows does not report component status correctly
- [SLIDER-526] - Create a python wrapper and replace the shell script for slider
- [SLIDER-530] - slider command should give preference to JAVA_HOME if set
- [SLIDER-533] - AgentCmd test app package should publish config and verify it
- [SLIDER-535] - Slider agent log is very chatty as it dumps on every heartbeat
- [SLIDER-537] - Move app packages to different profiles based on OS
- [SLIDER-545] - automated license reviews flagging protoc generated java files as unlicensed
- [SLIDER-546] - Slider conf dir files are not being picked up by the AM
- [SLIDER-550] - custom JVM ops lose slider conf dir
- [SLIDER-551] - Default ZK node is not getting deleted when you destroy an application
- [SLIDER-554] - slide exists --state may pick up KILLED/FINISHED app reports and then fail
- [SLIDER-555] - AM needs to get log aggregation friendly log4j
- [SLIDER-556] - Some slider-client.xml cleanup/enhancement related to security
- [SLIDER-558] - Need ability to specify container port ranges similar to AM (Slider-505)
- [SLIDER-559] - Ensure Slider generated log files are readable by NM log aggregators
- [SLIDER-560] - Add default secured appConfig.json file to application packages
- [SLIDER-561] - AM Web UI doesn't show statistics for dynamic roles
- [SLIDER-562] - Statistics for slider-appmaster on AM UI are inaccurate
- [SLIDER-563] - Ensure default log aggregation settings are valid for all default app packages
- [SLIDER-567] - Metrics error in Accumulo app package
- [SLIDER-569] - Remove unnecessary parameters from app packages
- [SLIDER-571] - Accumulo app pkg funtests using wrong RM webapp URL
- [SLIDER-575] - Slider fun-test stabilization
- [SLIDER-576] - Default packages have a hard-coded build version - instead they need to use mvn parameter
- [SLIDER-577] - Need a warning message when no service keytabs are localized
- [SLIDER-582] - Registry test may fail if ~ expands to a path with upper case
- [SLIDER-586] - reject resource configurations with negative node counts
- [SLIDER-588] - AppsThroughAgentIT test failed with 'Application registry is not accessible'
- [SLIDER-589] - No plain text handler for calls to AppMaster UI for registry
- [SLIDER-593] - registry/REST interactions fail with "302 Found" errors if HTTPS is enabled for RM
- [SLIDER-594] - Add a sleep before container restart as ports may not be released from the last activation
- [SLIDER-595] - Default app master container size should be 1024m
- [SLIDER-596] - Auto replace \${USER_NAME} token with the user that is running the AppMaster process
- [SLIDER-598] - HBase application package for Windows need to be tested and validated
- [SLIDER-599] - When application is created as user hdfs need to call destroy twice to delete the hdfs folder for the app
- [SLIDER-603] - NPE in AppsThroughAgentIT
- [SLIDER-605] - Slider list command does not order most recent application first
- [SLIDER-606] - Agent is not able to communicate with AppMaster under some scenarios
- [SLIDER-612] - vCore requirement set by Slider is not taking effect in Yarn
- [SLIDER-613] - client registry retriever can be configured by ssl-client.xml for https connections
- [SLIDER-615] - AccumuloMonitorSSLLocalCertsIT fails on multi-node cluster (as expected)
- [SLIDER-620] - Execute command should allow polling for daemons that may stop within seconds
- [SLIDER-626] - Accumulo app config needs better defaults
- [SLIDER-628] - Cleanup a few unwanted test related kazoo files
- [SLIDER-630] - slider-agent unit tests fail on debian and suse and windows
- [SLIDER-634] - slider wrapper should look for and use python version >= 2.6
- [SLIDER-644] - org.apache.slider.common.params.ActionDiagnosticArgs is missing a license header
- [SLIDER-646] - AgentLaunchFailureIT test failing at times
- [SLIDER-647] - allocation requests not being satisfied when a cluster goes to labels
- [SLIDER-650] - regression: local zk nodes not being deleted on instance destroy

Documentation

- [SLIDER-534] - Create a standalone HA page in apache slider doc

- [SLIDER-574] - document managing port ranges for slider containers

Improvement

- [SLIDER-36] - Remove custom SliderAmplFilter for REST APIs in AM
- [SLIDER-160] - Über-JIRA: Improve slider functional testing
- [SLIDER-188] - Slider client should default to fs.defaultFS specified in slider-client.xml for hdfs paths provided in the input
- [SLIDER-206] - Slider client should accept a separate ZK quorum for applications and a root path within the quorum for application usage
- [SLIDER-211] - Move to apache-commons-lang 3.3
- [SLIDER-278] - Make it easy to pull app tarballs from a private repository
- [SLIDER-300] - Add versions to various Slider components
- [SLIDER-306] - Slider list command live and history options
- [SLIDER-321] - Switch to Hadoop 2.6-SNAPSHOT
- [SLIDER-327] - AM to move to optimized, queued Node review and refresh action
- [SLIDER-335] - Enable Accumulo app package by default
- [SLIDER-372] - Chaos monkey service to not be created if interval == 0
- [SLIDER-400] - Additional Accumulo ports to be set in appConfig
- [SLIDER-417] - Create Accumulo app package profile for packaging local tarball
- [SLIDER-430] - provide usage message on invalid registry arguments
- [SLIDER-432] - container launcher to log launch configuration at debug level
- [SLIDER-441] - Rename DO_NOT_PROPAGATE to be more user-friendly
- [SLIDER-442] - Stop maintaining so many appConfigs for Accumulo testing
- [SLIDER-476] - make AM queue executor non-reentrant
- [SLIDER-508] - Make it easier to configure accumulo client from scratch
- [SLIDER-511] - slider diagnostic command to list env variables and client configuration
- [SLIDER-523] - renumber some exit codes to match "well known" http exit codes
- [SLIDER-536] - slider delete operation logs too much
- [SLIDER-539] - Web view to list outstanding container requests
- [SLIDER-541] - support `slider diagnostics` as alternative to `slider diagnostic`
- [SLIDER-547] - AM to fail fast if IPC authorization is enabled, but the ACL is empty/null
- [SLIDER-548] - Slider exists command to add --state probe
- [SLIDER-580] - Install SSL certs
- [SLIDER-776] - additional_cp is not necessary for memcached

New Feature

- [SLIDER-80] - slider to place containers on explicit nodes via labels and other options
- [SLIDER-149] - Support a YARN service registry
- [SLIDER-175] - Scripts for installing, running, and destroying slider applications
- [SLIDER-267] - AM to serve up AM logs over web
- [SLIDER-349] - release 0.50.2 with ASF headers in all artifacts
- [SLIDER-382] - Uber Jira: Slider to work on secure ZK quora
- [SLIDER-640] - Slider to build and test against Hadoop 2.6RC0

Task

- [SLIDER-116] - Log handling for long-lived applications
- [SLIDER-187] - Use start/stop instead of freeze/thaw
- [SLIDER-195] - Add PlacementPolicy option "always demand previous host"
- [SLIDER-229] - Assign the previous port when thawing component instance if port is available
- [SLIDER-284] - Build and test against Hadoop 2.5 RC and release
- [SLIDER-305] - Record aggregated log URL when Application completes
- [SLIDER-329] - Release Slider 0.50
- [SLIDER-362] - Add documentation on how to rebuild app package with Accumulo native libs
- [SLIDER-436] - Enable Accumulo app package funtests to be run against a specified zip
- [SLIDER-456] - Set accumulo dependency version to 1.6.1
- [SLIDER-544] - Release Slider 0.6.0
- [SLIDER-587] - Query: how well are dynamic role placement histories maintained?

Test

- [SLIDER-61] - Add functional test for agent provider publishing registry info
- [SLIDER-482] - accumulo funtest to include registry retrieval
- [SLIDER-616] - re-enable AMFailuresIT
- [SLIDER-619] - registry list and listconf commands to save output to --out file

Umbrella

- [SLIDER-86] - Uber JIRA: Slider on Windows —phase 1
- [SLIDER-180] - Slider support for HBase application package
- [SLIDER-181] - Slider support for Storm application package
- [SLIDER-182] - Slider support for Accumulo application package
- [SLIDER-183] - Long lived application support
- [SLIDER-214] - Usability improvements

Edit/Copy Release Notes

The text area below allows the project release notes to be edited and copied to another document.

Release Notes - Slider - Version Slider 0.60

<h2>Sub-task</h2>[SLIDER-81] - Support placement of containers on labeled YARN nodes[SLIDER-205] - hbase package to work on windows[SLIDER-209] - Switch to slider.py as script everywhere[SLIDER-222] - Enhance registry command with --out option[SLIDER-344] - Slider to get ZK tokens to agents[SLIDER-351] - Agent web app not starting on Windows[SLIDER-375] - slider-core tests failing on windows[SLIDER-394] - slider client and AM services to fail-fast if the hadoop dependencies are missing[SLIDER-395] - testZKIntegration broken[SLIDER-401] - slider-agent tests not running on windows[SLIDER-419] - slider.py blocking on windows[SLIDER-420] - slider funtests not working on windows</div></div></div>

https://issues.apache.org/jira/secure/ReleaseNote.jspa?projectId=12315422&version=12327198

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