

Sub-task

- [SLIDER-165] - use Ini4j to read/generate .ini configs
- [SLIDER-471] - Add chaos monkey target that kills local NM
- [SLIDER-472] - Add support for co-locating components
- [SLIDER-473] - Slider should make it possible to have a component instance be on all nodes
- [SLIDER-585] - Localize SSL certs for apps
- [SLIDER-681] - [FUN TEST] Validate that Slider App remains active if NodeManager is killed on the host where AppMaster is running
- [SLIDER-682] - [FUN TEST] Verify App destroy and cleanup
- [SLIDER-683] - [FUN TEST] Verify that restarted app preserve data as well as republish
- [SLIDER-684] - [FUN TEST] Verify expectations when a NodeManager is killed
- [SLIDER-686] - [FUN TEST]: flexing
- [SLIDER-687] - [FUN TEST] Failure windows
- [SLIDER-693] - Need to enable support for spnego/kerberos for AM Rest resources
- [SLIDER-695] - Explore mechanisms for establishing doAs identity
- [SLIDER-697] - Handle certificate/keystore expiry for Agent/AM SSL communication
- [SLIDER-698] - AM keytab creation and distribution in Ambari managed cluster
- [SLIDER-699] - AM HTTPS support
- [SLIDER-712] - Implement REST app setup resources
- [SLIDER-714] - Expose REST view of containers/component instances with DELETE operation
- [SLIDER-717] - Migrate slider client to slider REST API
- [SLIDER-718] - Slider client to support remote file operations via WebHDFS
- [SLIDER-867] - test TestAgentClientProvider2 failing on windows
- [SLIDER-881] - REST clients to react to text/plain & text/html responses with meaningful errors
- [SLIDER-892] - unit tests still failing on windows, may 2015

Bug

- [SLIDER-1] - steve broke the build
- [SLIDER-87] - slider can't handle JVM heap args with , in them
- [SLIDER-120] - Integrate with Timeline Server
- [SLIDER-127] - Create Slider App spec/pkg for Flume
- [SLIDER-129] - Evaluate footprint for the agent process and scale it to multiple instances
- [SLIDER-204] - SliderClient created with CommandTestBase.bondToCluster doesn't have applicationId
- [SLIDER-236] - Create sample Slider app package for jenkins server farm
- [SLIDER-237] - Create a Slider app package for HDP log collector
- [SLIDER-281] - URL endpoint for registration and heartbeat accepts any string as label name
- [SLIDER-282] - No error indication in JSON response for invalid hostname in heartbeat request
- [SLIDER-290] - Uber JIRA: Slider upgrade support
- [SLIDER-341] - Add a window based failure count for auto-start to limit indefinite attempt
- [SLIDER-402] - Add support for general purpose cross referencing of named properties
- [SLIDER-410] - Slider should publish agent provider service metrics
- [SLIDER-421] - Providers should have the ability to ask AppMaster to stop if they encounter fatal errors
- [SLIDER-423] - slider-client should fail gracefully if the version of hdfs/yarn against which its being used is incompatible
- [SLIDER-427] - Provide logs to indicate that there are out-standing container requests
- [SLIDER-466] - Slider should allow specification of JAVA_HOME as a token that should get automatically replaced
- [SLIDER-479] - Provide a slider command to kill all stranded containers continuing to run post stop command
- [SLIDER-494] - Support for short-lived services
- [SLIDER-518] - Add generalized ACLs for AM rpc calls (from client)
- [SLIDER-528] - NM down: Slider agent should cleanup all application processes if it doesn't stop gracefully
- [SLIDER-529] - Cleanup: Slider does not need restartAgent support
- [SLIDER-549] - remove or repurpose FsDelegationTokenMgr
- [SLIDER-590] - Need some convenient debugability of command script during/post development time
- [SLIDER-597] - Evaluate all Slider log files for PII data and strip them off as needed
- [SLIDER-618] - Keep only one folder for conf
- [SLIDER-627] - Storm and HBase app packages installing bad pom names
- [SLIDER-636] - Modify CLI to provide keytab sub-options for installation, listing, and deletion
- [SLIDER-638] - Allow python executable to be specified per component (role)
- [SLIDER-639] - SliderClient.buildInstanceDefinition() creates a directory that can't be deleted in the same JVM
- [SLIDER-774] - In both appConfig and resources inputs, global and metadata sections, and slider-appmaster component section should not be required
- [SLIDER-788] - Add support for package in HDFS for install client command
- [SLIDER-789] - Add support for install client based on app name
- [SLIDER-803] - original system has HBASE_HOME config due to hbase of slider cluster not raise

Documentation

- [SLIDER-566] - Default ZK node created by Slider does not have any ACL

Improvement

- [SLIDER-78] - add a programmable delay before re-issuing a request for a container after a failure
- [SLIDER-83] - RoleHistory to stop logging every released node in teardown
- [SLIDER-85] - Slider AM to recognise & fail when another instance of the same name is up.
- [SLIDER-94] - Get YARN utility features into yarn-common
- [SLIDER-109] - Detect and report application liveness
- [SLIDER-132] - AM use YARN headroom APIs to measure available capacity
- [SLIDER-133] - Slider should support additional commands for container manipulation
- [SLIDER-185] - Uber-JIRA: Azure Slider
- [SLIDER-186] - Provide a mechanism for a provider to know if an application is being created for the first time
- [SLIDER-191] - if/when YARN publishes information about itself, GET it and use it for diagnostics and AM requests
- [SLIDER-194] - grab YARN config off rm/conf to get yarn classpath values &c
- [SLIDER-264] - Test runners to fail fast if app is already finished
- [SLIDER-592] - Slider command indicate not enough resource when that happens during application creation
- [SLIDER-609] - Slider Windows Support: phase 2
- [SLIDER-610] - Über-JIRA functional testing phase 2
- [SLIDER-637] - Review ZKIntegration use and purge it -ideally, all of it
- [SLIDER-666] - Default configure method for apps
- [SLIDER-685] - Better propagation of config options from client to deployed service
- [SLIDER-722] - Front page to list YARN resource requirements of each component
- [SLIDER-807] - AppMasterLauncher to use resource limits provided by YARN to fail fast if AM resource ask too big

New Feature

- [SLIDER-79] - add CLI command to kill components on named node(s)
- [SLIDER-117] - Spark on Yarn with Slider
- [SLIDER-151] - Implement full slider API in REST and switch client to it
- [SLIDER-261] - Improvements to port allocation support
- [SLIDER-277] - Slider REST service to serve configurations
- [SLIDER-319] - Instrument slider AM with codahale metrics
- [SLIDER-330] - Slider to upload all JARs to AM via distributed cache
- [SLIDER-601] - add cli option to create/delete YARN registry paths
- [SLIDER-819] - Create addon package of Ranger for Hbase
- [SLIDER-875] - Ability to create an Uber application package with capability to deploy and manage as a single business app
- [SLIDER-950] - Implement GetStatus API call for multiple applications
- [SLIDER-951] - Implement GetRegistry API for multiple applications

Task

- [SLIDER-103] - SliderClient action methods need to be refactored to be API friendly
- [SLIDER-152] - Convert HBase app package to be built with maven
- [SLIDER-208] - Ongoing: keep Jenkins builds working
- [SLIDER-224] - Allow appConfig.json to contain external reference
- [SLIDER-234] - Provide tool to merge existing site config with template appConfig.json
- [SLIDER-564] - handle --zkpath argument in a secure cluster
- [SLIDER-694] - Slider AM REST API trusted proxy support
- [SLIDER-696] - Security Enhancements
- [SLIDER-701] - Support alerts for Slider Apps
- [SLIDER-702] - Slider diagnostics improvements
- [SLIDER-703] - Slider extensibility

Test

- [SLIDER-49] - test slider's handling of escape sequences (especially newlines) in configurations
- [SLIDER-483] - HBase funtest to include registry retrieval
- [SLIDER-617] - review conf/ directories in slider-assembly
- [SLIDER-865] - Create test cases for Slider-Docker support

Umbrella

- [SLIDER-89] - Uber JIRA: secure slider clusters

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 2.0.0

<h2>      Sub-task
</h2>
<ul>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-165'>SLIDER-165</a>] -      use Ini4j to read/generate
.ini configs
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-471'>SLIDER-471</a>] -      Add chaos monkey target that
kills local NM
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-472'>SLIDER-472</a>] -      Add support for co-locating
components
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-473'>SLIDER-473</a>] -      Slider should make it possible
to have a component instance be on all nodes
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-585'>SLIDER-585</a>] -      Localize SSL certs for apps
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-681'>SLIDER-681</a>] -      [FUN TEST] Validate that
Slider App remains active if NodeManager is killed on the host where AppMaster is running
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-682'>SLIDER-682</a>] -      [FUN TEST] Verify App destroy
and cleanup
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-683'>SLIDER-683</a>] -      [FUN TEST] Verify that
restarted app preserve data as well as republish
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-684'>SLIDER-684</a>] -      [FUN TEST] Verify expectations
when a NodeManager is killed
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-686'>SLIDER-686</a>] -      [FUN TEST]: flexing
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-687'>SLIDER-687</a>] -      [FUN TEST] Failure windows
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-693'>SLIDER-693</a>] -      Need to enable support for
spnego/kerberos for AM Rest resources
</li>
<li>[<a href='https://issues.apache.org/jira/browse/SLIDER-695'>SLIDER-695</a>] -      Explore mechanisms for

```