Sub-task

- [SLIDER-45] Add ability for the agent to find the AppMaster location upon restart
- [SLIDER-90] Slider to work on HA NNs
- [SLIDER-145] create slider 0.40 release
- [SLIDER-196] Agent to work on Windows
- [SLIDER-241] Convert funtests to integration tests
- [SLIDER-268] Post discovery add ability for agents to register to AM and start heartbeat
- [SLIDER-314] factor out internal keys into class InternalKeys
- [SLIDER-320] AppState RoleInstances to store endpoint details

Bug

- [SLIDER-34] Restarted AM cannot create containers
- [SLIDER-245] Add sample app for jmemcached
- [SLIDER-247] Slider should not complain when Service does not have any config files
- [SLIDER-250] Slider AppMaster does not start on Windows
- [SLIDER-256] Use package information form metainfo.xml
- [SLIDER-266] HADOOP_USER_NAME should not be passed to slider launcher in when security is enabled
- [SLIDER-269] Build failure in the develop branch
- [SLIDER-270] Calling flex (down) the second time does not work
- [SLIDER-271] When a container is releases the AppMaster should not monitor heartbeats from that container
- [SLIDER-272] Application should specify the config types to publish
- [SLIDER-273] Add ability to specify a port as shared across component instances or not
- [SLIDER-275] app packages should get loaded to user directories
- [SLIDER-276] AgentProvider releases nodes that the AM has already been released after detecting heartbeat failure
- [SLIDER-292] AppMaster should re-export all export groups when restarted
- [SLIDER-293] On Windows slider agent should be able to execute commands and not wait for completion
- [SLIDER-294] Clean up memcached app packages for Windows and Linux
- [SLIDER-298] Add an application package template
- [SLIDER-307] command line --resopt options aren't being picked up
- [SLIDER-313] Slider AM fails to restart on kill, post newly created application
- [SLIDER-325] codahale metrics not being uploaded to AM classpath
- [SLIDER-331] Check licenses and dependencies
- [SLIDER-332] Add LICENSE file and license headers to kazoo scripts
- [SLIDER-370] At times certificate generation fails due to existence of temp security dir

Improvement

- [SLIDER-219] A service may ask for more than one dynamically allocated port as part of the same configuration
- [SLIDER-228] Set up enforcer plugin to assert that JDK7 is used to build project
- [SLIDER-318] rm slider-assembly module that isn't used

New Feature

• [SLIDER-3] - Design and implement service registry -for slider and beyond

Task

• [SLIDER-223] - Provide action to update Instance Definition

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 0.50
<h2>
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Add ability for the agent to
find the AppMaster location upon restart
\(\lambda\)i>\(\lambda\) href='https://issues.apache.org/jira/browse/SLIDER-90'>SLIDER-90\(\lambda\)] -
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class InternalKevs
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(1i)[(a href='https://issues.apache.org/jira/browse/SLIDER-34'>SLIDER-34(/a)] -
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containers
\(\lambda\)i>[\(\lambda\) href='https://issues.apache.org/jira/browse/SLIDER-245'\>SLIDER-245\(\lambda\)] -
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when Service does not have any config files
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