California (Performance Preview)

NOTE: California Performance Preview has been released. See the release page for details of this release.

- NOTE: California Performance Preview has been released. See the release page for details of this release.

Release Themes and Objectives
General Release Tasks and Notes
Core and Supporting Tasks and Notes
Application Tasks and Notes
Device Service SDK and Device Service Tasks and Notes
Security and System Management Tasks and Notes

Delivery: ~January 2018

The main theme for the California Preview release (CPR) of EdgeX is to provide a demonstration of performance/scale improvements.

Release Themes and Objectives

- Deliver a slice of the micro services in Go or C++ to provide clear indication of the performance and scale direction of EdgeX going forward.
- Finalize the continuous integration and build processes (for both Intel and ARM chip sets)
- Automate the black box testing processes
- Clean up micro service items not completed in time for the Barcelona release

General Release Tasks and Notes

- Improvements of Test Framework
  - Full Blackbox testing (all APIs)
  - Go services be “certified” as drop in replacements by our test framework(s)
  - Integration of Blackbox testing to CI process
- Documentation additions/changes (stretch goal)
  - ARM build process and ARM versions of services
- Web oriented demos

Core and Supporting Tasks and Notes

- Core Data, Metadata, Command in Go
- Config/Registration in Go (stretch goal)

Application Tasks and Notes

- Export Client in Go
- Export Distribution in Go (stretch goal)

Device Service SDK and Device Service Tasks and Notes

- Java SDK refactor/simplification
- SDK Elements in Go
- SDK Elements in C++ (stretch goal)

Security and System Management Tasks and Notes

- Strategy doc for Security and System Management API's