**Now pCloudy also supports Appium 1.6.4**

Appium 1.6.4 release supports iOS 10.3 as well as Android 7.1.

Here are the some of the changes & fixes issues in Appium 1.6.4:

**General**

* Fix UnhandledPromiseRejection errors when running Appium with Node version 7
* Better indicate missing necessary programs to users
* Fix session creation logging
* Fix server shutdown on SIGINT and SIGTERM signals
* Ensure that all requests have application/json content-type
* Add an event timing API to allow for monitoring of performance metrics such as time to session startup, simulator boot, etc. Add eventTimings capability to enable or disable

**iOS**

* Fix issues with error handling in Safari/Webview handling
* Increase simulator launch timeout for iOS 10+
* Better handling of page selection in Safari
* Fix memory usage issues when device logs get large
* Add startIWDP capability to allow Appium to handle starting/stopping ios-webkit-debug-proxy automatically.
* Fix problem where date returned from device was not parsable
* Allow custom SafariLauncher bundle id to be passed in through bundleId capability during real device Safari tests, in case Xcode can no longer build the bundled one
* Fix logging from real device in the case where the device data/time are different from the server

**iOS - XCUITest**

* Changes the way the Appium checks that WebDriverAgent is running on the device, so that rather than searching the logs, the device is pinged until it is ready.
  + Remove realDeviceLogger capability, since we no longer check the logs
* Add useNewWDA capability, which forces uninstall of the WDA app from the device before each session
* Add wdaLaunchTimeout capability, which specified the time, in ms, to wait for WDA to be loaded and launched on the device
* Allow for the auto-generation of the Xcode config file used to configurable WDA before launch. This includes *two* new desired capabilities
  + xcodeOrgId - the Apple developer team identifier string
  + xcodeSigningId - a string representing a signing certificate, defaulting to "iPhone Developer"
* Allow for automatic changing of bundle id for WDA in cases where a provisioning profile cannot be made for default bundle
  + add updatedWDABundleId capability to specify bundle id for which there is a valid provisioning profile
* Speed up setting the value of text fields
* Add wdaConnectionTimeout to control how long the server waits for WDA to allow connections
* Fix handling of local port on real devices
* Speed up Safari interactions
* Fix session deletion to ensure that clean up happens
* Add mobile: swipe execute method
* Ensure that scrolling through mobile: scroll works in web context
* Add class chain search strategy
* Add maxTypingFrequency capability to set the speed of typing
* Introduce new set of gestures to allow access to everything the underlying system can do
* Add allowTouchIdEnroll capability to enroll simulator for touch id
* Use simctl to do simulator screenshots when possible
* Fix handling of getting status so that it returns even when other commands are in progress, bypassing queue
* Fix bug where commands in webviews would work, but not return for a long time
* If showXcodeLog capability set, print out the contents of the xcodebuild log file at the end of the session (also after a failure/retry of the build, in such a case)

**Android**

* Default installation to ChromeDriver 2.28
* Add device manufacturer, model, and screen size to session details
* Fix bug in checking avd status on some systems
* Allow wildcards in appWaitActivity capability
* Fix issue where reboot would fail
* Add new unlocking strategies
* Add androidNaturalOrientation capability to allow for correct handling of orientation on landscape-oriented devices
* Allow backgrounding to be permanent
* Dismiss Chrome welcome screen if --no-first-run Chrome option passed in
* Fix Android command line tools for recent releases
* Make network setting commands more reliable

**Android - Selendroid**

* Fix handling of host binary configuration for more precise installation options

Source: <https://discuss.appium.io/t/appium-1-6-4-released/15882>