

SOASTA CloudTest™ Release Notes Build 6619.29

Sep 5, 2013

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Build 6619.29

Bugs Fixed

64299: (CloudTest) TouchTest Lite crashes on creating new clip

Creating a new test clip from within TouchTest Lite would crash the application.

64292: (CloudTest) re-using targets during recording needs to honor the BrowserType

The underlying BrowserType setting was unexpectedly ignored, thus causing this error.

64286: (TouchTest) Tapping on SOASTA image in TouchTestAgent takes it to www.soasta.com

Clicking the SOASTA logo in the TTTA unexpectedly took the user to the main SOASTA web site.

64245: (CloudTest) Page Load time from Summary does not match Timers

A column index issue caused this error.

64169: (CloudTest) Handling of escaped characters in Page resources URLs

An unexpected problem with Page Resource URLs occurred when escaped characters were not handled as expected.

64156: (CloudTest) Tenant dialog caused exception

Various layout issues showed up in the Change Tenants box in SOASTA 46.01 only.

64142: (mPulse) Invalid domain+api-key is returned from cache even if subsequent requests have valid domain

An underlying cache problem caused this error after a configuration request with the correct API key contained the incorrect (e.g. non-matching) mPulse Domain.

64118: (mPulse) Globe Elements timeout

This fix ensures a refresh for the repository token on each globe poll.

63980: (TouchTest) TTW: Tab out from current focus element does not record type action and tab keyPress [\[requires new TouchTest Driver\]](#) [\[requires new TouchTest Web\]](#)

A tab out of the currently focused element was not captured as expected during a mobile web recording.

63927: (CloudTest) Unable to get property 'toLowerCase' of undefined or null reference; JS line 392

This script error occurred after a user right-clicked and selected the Edit command on an app action.

63432: (TouchTest) Android TouchLocator freeze the app for few seconds - [\[requires new TouchTest Driver\]](#)

This fix makes the locator computation on the background thread in order to prevent this UI freeze.

63398: (TouchTest) Locator tool issue [\[requires new TouchTest Driver\]](#)

An underlying cache sync issue caused the TTLocator object to be null causing and the result sent to the server to be empty.

63198: (CloudTest) Sessions timing out too quickly

Because renewal of security tokens for each use unexpectedly occurred on a temporary clone, it was not the "real" token. Now, tokens will expire exactly 5 hours after the last use.

62045: (CloudTest) update

RepositorySeedDataStreamLoader.getSeedDataStream() by replacing **URLConnection** with **Apache's HttpClient APIs**

61708: (CloudTest) java.lang.NullPointerException

This null pointer occurred in the Clip Editor.

61505: (TouchTest) Error on VerfyScreenshot [\[requires new TouchTest Driver\]](#)

It was not possible to recapture a screenshot at recording, locator expected in code was the simple one, JSON was passed instead.

58677: (TouchTest) processApplicationDelegate should return true from UIApplicationDelegate:applicationDidFinishLaunchingWithOptions

The expected true response was not sent during AppDelegate assignment.

56936: (TouchTest) TouchTest id shows null on Android app [\[requires new TouchTest Driver\]](#)

This change fixes Xpath computation at recording; and also optimizes Xpath element lookup by removing reflection.

55494: (TouchTest) OutputXMLHierarchy is not outputting accessibilityLabels [\[requires new TouchTest Driver\]](#)

Attempts to get an output from XML Hierarchy that included accessibilityLabels were unsuccessful.

(TouchTest)

UIApplicationDelegate:applicationDidFinishLaunchingWithOptions [\[requires new TouchTest Driver\]](#)

This fix improves the performance of app launching with options.

Build 6619.24

Bugs Fixed

64103: (CloudTest) Error rate equals Send Rate

The Error rate was unexpectedly being set to the Request rate.

63976: (CloudTest) Validations display in Jenkins

Added new error messages type: transport-fail; this will differentiate errors from validation failures and errors from transport failures

63949: (TouchTest) waitForElementVisible failing to find GNM button [\[requires new TouchTest Driver\]](#)

This error occurred when one of the isVisible tests was already done when the UI changed.

63936: (CloudTest) Read-only mode broken in Target Editor

Some functions that should've been read-only were not.

63929:(CloudTest) Uncaught TypeError: Cannot call method 'GetContainer' of undefined; JS line 661

This error occurred clicking the Etc (...) menu drop-down while the page was loading.

63925:(CloudTest) java.lang.NullPointerException in Target Editor when saving new typed-in WSDL

An error occurred while creating a manually entered WSDL target.

63856: (CloudTest) Cannot read property 'textContent' of null

This was happening when a clip with custom properties that did not have a <Description> tag in the xml (old clips) were added to compositions. Now we handle this case

63798: (mPulse) Add page group filter to operational dashboard

The Operational Dashboard now includes "All" so that users can navigate to all page groups after clicking a link in the page group table.

63682: (CloudTest) Grid-launching license attribute not checked during CPA creation

The Grid-launching license attribute has been fixed to match the expected behavior.

63657: (TouchTest) Validate image data lost during Save, firefox only

Omitting the % sign from the Verify Screenshot, Tolerance entry field resulted in this error.

63655: ISSEs inside of the encrypted password text in "typePassword" are not processed

The user replaced a typePassword action with seed data. However on replay, it types

{%% prop : clip : /SeedData.password %%} instead of the seed data value.

63642: (CloudTest) The message clip '439,211' does not exist

An error occurred while loading the inline Message Clip editor.

63514: (CloudTest) Target Custom Properties are not populated with Seed Data

An attempt to use seed data values to replace target-level custom properties unexpectedly failed.

63452: (TouchTest) Potential fix for problem entering text on Android 2.3.3 [\[requires new TouchTest Driver\]](#)

This fix addresses text entry issues on Android 2.3.3.

63451: (TouchTest) Android TouchTestWeb app should not allow web cache and form auto-complete [\[Requires new TouchTestWeb app\]](#)

An auto-complete from the web cache unexpectedly blocked the intended course of a mobile test.

63430: (CloudTest) this.m_oToggler is undefined; JS line 588

This error could occur if the user right-click before a page was done loading.

63206: (TouchTest) Android TTD isVisible and isAccessible not working failing

This fix augments prior fixes for this case.

63197: (TouchTest) Android: Implement ScrollToVisible playback support for ScrollView [\[requires new TouchTest Driver\]](#)

TouchTest now includes improved playback support for ScrollToVisible.

62758: (TouchTest) Can't Record Actions on main page of Android application

Android TouchTest Web and hybrid failed to load scripts as expected.

62753: (TouchTest) Rotating the Screen during an Android Mobile Web Recording causes error to pop-up [[Requires new TouchTest Web](#)]

Device rotation caused this unexpected error while doing mobile web recording.

62579: (TouchTest) Touch Test Agent doesn't show options menu [[requires new TouchTestAgent app](#)]

The Options menu of the TouchTest Agent app didn't appear as expected, thus preventing the user from changing the CloudTest instance.

61924: (CloudTest) The XML document is not well-formed.

An underlying XML error occurred when description text for a nested clip wasn't wrapped as expected.

63184: (CloudTest) Unable to tear down RSDB if it's on an older version than the Main

If the Results Service database was an older CloudTest version than the main database, it couldn't be torn down.

60808: (TouchTest) Validation shown passing in Jenkins but actually failed

This fix removed non-fatal transport errors from being output in Jenkins.

58780: (CloudTest) Cannot call method 'getOffsetForNewContainer' of undefined

This error occurred in the Clip Editor while working with containers in the workspace.

58655: (CloudTest/TouchTest) Error entering web target URL for browser recording

This Clip Editor error occurred while entering a target URL in the browser recording wizard.

57314: (CloudTest) Spaces are not allowed at the beginning or end of property names

While entering a property description in the clip editor's lower left panel (aka, changing from New Property to something more descriptive) a JS popup occurs any time the space bar is pressed stating that spaces are not allowed at the end of property names (see screenshot). This error is now suppressed until typing has finished and that input loses focus.

57153: (CloudTest) Blank Clip shows unexpected alternate menu

The right-click Context menu in a blank clip showed the wrong context commands.

53928: (CloudTest) Results output in Jenkins now prevents verbose validation passes and failures from showing up

Verbose pass/fail validations will no longer appear in Jenkins.

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52688: (CloudTest) ISSE Editor: Property Chooser - List is unsorted, cannot be sorted, columns cannot be resized

This fixes row sorting in the Property Chooser.

48585: (CloudTest) Changing clip timing type produces bad xml on composition load

Changing clip timing to manual would produce this error in some scenarios.

43954: (CloudTest) Property Sets revert to "Starting Element > Composition" when opening a Clip

Property Sets would unexpectedly revert from "Starting Element > Current Target" to "Starting Element > Compositon" when opening a Clip

43516: (CloudTest) Spaces being removed in property set when other changes made to the page

Pasted whitespace (tab space in this case) wasn't being preserved in those inputs.

(mPulse) Fixed issue with links not working on Top Countries table

Links in the Top Counties table will now work as they should.

Build 6619.13

Bugs Fixed

63827: (CloudTest) Unable to create result

This null pointer error in a Consolidator prevented a test result from being created.

63800: (TouchTest) Android TTD should tap in the center of the view if the offset is not correct [\[requires new TouchTest Driver\]](#)

The location resolved had a problem, it do not take in account correctly the status bar height and applied it twice, cause a problem if the offset diff is smaller that the status bar height

63767: (CloudTest) TypeError: c.m_oWidget.m_oRampSliders is undefined; JS line 130

This slider error occurred in SOASTA 44 only in the Virtual User Ramp Controller widget.

63684: (TouchTest) b.getRecordingTypeStatic(...) is undefined; JS line 3250

A Touch Locator error occurred in the Clip Editor after switching the command to verify.

63249: (CloudTest) Trouble extracting values from responses in Russian

An input that happened to be using a Russian character set, wasn't UTF-8 encoded as expected.

62874: (TouchTest) a.getRecordingTypeStatic(...) is undefined; JS line 3240

This had to do with the locator tool for validations (after switching command) in the lower panel of the clip editor

48344: (CloudTest) Adding Windows 7 and 8 as operating systems we can monitor

The System Resource Type and Authentication box, System Resources page, Operating System drop-down unexpectedly omitted both Windows 7 and 8.

Build 6619.9

CloudTest

Test Analytics

Use Effective Duration for Pages checkbox

The Use Effective Duration for Pages checkbox now appears in the Dashboard Edit Panel when any Collection widget that shows duration is selected. This setting is for use with Pages only and presents duration/standard deviation/percentile using a different duration metric. No other collection types are affected by this new metric, which is off by default.

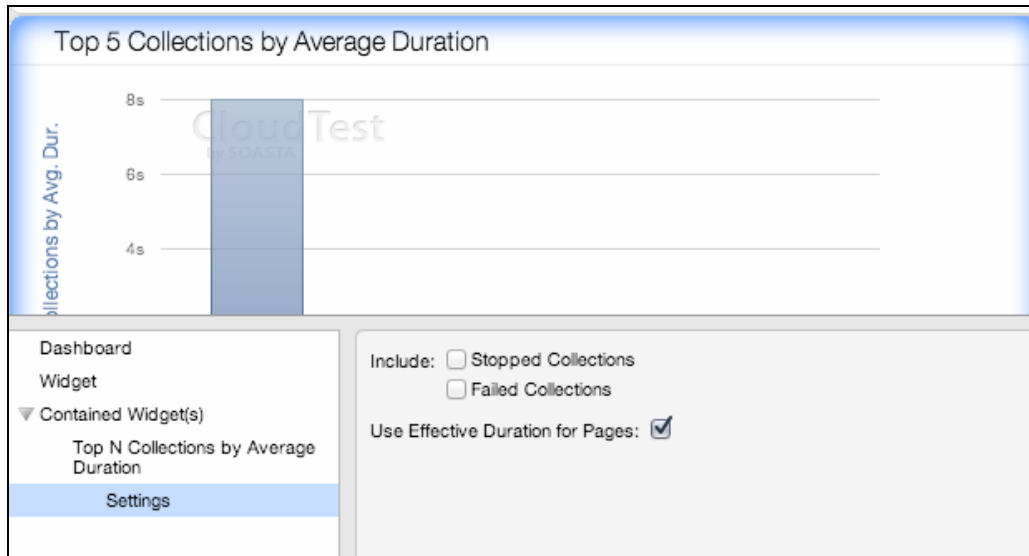
- To utilize the Effective Duration setting in compositions, toggle Dashboard Edit Mode and then select the widget to use. Then, locate the widget-specific settings in the lower-panel list.

| Component Hierarchy | Collections Completed | Avg Duration | Min Duration | Max Duration |
|-----------------------------------|-----------------------|--------------|--------------|--------------|
| ▼ Composition | - | - | - | - |
| ▶ Wikipedia Tutorial Login Sce... | - | - | - | - |

| | |
|------------------------------------|---|
| Dashboard | Include: <input type="checkbox"/> Stopped Collections |
| Widget | <input type="checkbox"/> Failed Collections |
| ▼ Contained Widget(s) | Use Effective Duration for Pages: <input checked="" type="checkbox"/> |
| Collection Analysis (Hierarchical) | Percentile: 90 |
| | Z-Value: 1.29 |

Collections widgets that show duration—including Average Collection Duration, Collection Analysis, Maximum Collection Duration, Top N Collections by Avg. Duration, and so forth.

For Top 5 Collection widgets that show duration, this setting appears under the Settings node in the lower-panel list.



New Composition Object Methods (isEnding and isAborting)

For CloudTest and TouchTest script authors, two new composition object methods are included in this release. Users

[isAborting](#)

True if the Composition is currently trying to abort due to a "force stop" request.

This read-only method can be checked periodically by a Script that is doing a time-consuming operation, allowing it to terminate that operation early if it desires to do so.

[isEnding](#)

True if the Composition is currently trying to end early (before normal completion) for any reason, such as a stop request or a fatal error.

This read-only method can be checked periodically by a Script that is doing a time-consuming operation, allowing it to terminate that operation early if it desires to do so.

Bugs Fixed

63549: (TouchTest) "Can't connect to window server" error while running MakeAppTouchTestable

This MATT error could happen in any headless environment.

63530: (TouchTest) Clip Editor error when trying to record an orientation change in TouchTest Web for iOS [\[requires new TouchTest Web\]](#)

Changing the device orientation while doing TouchTest Web (iOS) recording would result in this exception.

63499: (TouchTest) TTW Browser hangs on record [\[requires new TouchTest Web\]](#)

This webView threading issue would hang the TouchTest Web browser during recording in some timing related circumstances, although actions were still being recorded.

63206: (TouchTest) Android TTD isVisible and isAccessible not working failing [\[requires new TouchTest Driver\]](#)

This fix improves checking for view transparency thus reducing the likelihood of false positives.

63104: (All) New Tenant Creation does not show tenants if you rename the top-level node

As of this release, CloudTest does not allow re-naming or deleting the root tenant folder.

63178: (CloudTest) SSL client certificate authentication should not require a valid server certificate

As of this release, SSL client certificate authentication does not require a valid server certificate.

63078: (TouchTest) Android TTD not able to tap element intermittently [\[requires new TouchTest Driver\]](#)

This fix adds a small sleep & retry in case the touch event was rejected.

63001: (TouchTest) Improved search algorithm for the AppDelegate header file

This fix changes the underlying way in which the MATT utility locates the AppDelegate file in an iOS project.

62902: (mPulse) SessionsPerPageLoadTime doesn't send cursor back with first delta query

This fix sets the default time divisor for this chart to zero in the chart definition.

62841: (mPulse) Incorrect pop-up label for Metric Over Time chart

This fixes the popup label for the Metric Over Time chart.

62838: (mPulse) Implement delta UI for timers and metrics widget

This fix resolves some underlying issues with the way deltas in results sets were handled, which could cause the Load Time chart to reset to 0 after the first refresh.

62739: (All) TypeError: this.m_oDashboardEditor.m_oWidgetLogics[e.widgetLocationID] is undefined; JS line 5407

A window focus error happened in the Dashboard while in Dashboard Edit Mode.

62732: (mPulse) Time travel with 30-day chart

This fix resolves an underlying issue with charting daily result set rows. Now, daily result set rows are sorted by day, as expected.

62727: (TouchTest) Apps freeze up on first time startup on iOS 7 Beta 6 [\[requires new TouchTest Driver\]](#)

Apps would freeze on startup in iOS 7 Beta 6 environments.

62696: (mPulse) Uncaught TypeError: Cannot read property 'errorMessage' of null; JS line 250

This script error occurred while viewing a dashboard with the Geography widget.

62555: (CloudTest) Reserved IP address in use not showing up in UI

A Reserved IP address that was in use was not set to "in use" by an Environment or RSDB (but did get set to "in use" by the Grid).

62538: (mPulse) Selecting metric from filter dropdown does nothing

Selecting Conversions in the Metrics Analysis dashboard filter did not result in the display of conversion on the dashboard. Instead, the dashboard would reload and show the default selection (e.g. Bounce Rate).

62446: (mPulse) Globe: Heatmap HUD: On/Off Option for Tags

This fix resolves the display issue with the initial load of the Globe where multiple pop-up labels would present at once.

Additionally, for this release, the Time & Metric Heatmap checkbox introduced in the Globe Dashboard preferences in release 6562.40 has now been renamed the Show Heatmap checkbox. An additional Show Labels checkbox has been added to allow users to toggle popup labels on/off.

62416: (mPulse) Uncaught TypeError: Cannot read property 'limit2' of null; JS line 14071

This error occurred in the Globe widget.

62267: (TouchTest) Multiple Locator IDs are not populating the Locator Drop Down on some Android apps

The Touch Locator tool was not populated by all of the additional locators on some Android apps.

62017: (mPulse) Fast Zoom in: Beacon poll inconsistent range

This DWR error occurred in the Globe widget when zooming into the Earth very fast.

61943: (TouchTest) this.m_oOperationDefinition is undefined; JS line 5525 [\[requires new TouchTest Driver\]](#)

This Clip Editor error occurred in the Action Editor lower panel.

61903: (CloudTest) "Bad Request" generic error

This fix resolves a generic Central tab "bad request" error.

61881: (mPulse) Custom Timer0 shows in legend instead of the timer name

Selecting the custom timer "MapImageLoad" resulted in the legend displaying "Custom Timer0" instead of the proper name.

61853: (CloudTest) XML escape user-provided strings

This XML error occurred when user-provided strings were encountered. This is now handled.

61848: (CloudTest) "Proxy Authorization Required" generic error

This fix resolves a generic Central tab proxy authentication error.

61762: Cannot read property 'cells' of undefined

This error occurred in the Volumes and Snapshots box while trying to rename a snapshot that didn't belong to a volume.

61115: Android: Hybrid: Recording doesn't work when customer didn't add a WebViewClient [\[requires new TouchTest Driver\]](#)

This error occurred in cases where an Android project didn't have a WebViewClient.

55899: (CloudTest) Uncaught TypeError: Cannot call method 'isSpinning' of undefined; JS line 83

Additional null checking has been added to detect further occurrences of this likely timing error.

55824: (TouchTest) Intermittent TouchTest Web crashes during recording

This fix resolves issues with task handling that could crash playback in some TouchTest Web tests.

51697: (TouchTest) Capturing screenshot on error did not work under certain conditions

This fix resolves some error detection issues with the Capture Screenshot feature that would surface in some tests.

Build 6562.72

Bugs Fixed

63208: (CloudTest/TouchTest) Cannot play Compositions via Jenkins in SOASTA 43

Changes introduced in SOASTA 43 broke the communication between SCommand and the Results Service.

63174: (CloudTest/TouchTest) Jenkins test results have tons of extra X marks now taken out

This regression was likely caused by the fix for Case 60808.

63189: (CloudTest/TouchTest/mPulse) Delete with all dependencies dialog doesn't record an audit record

This fix will cause audit records for delete with dependencies as expected.

63114: (CloudTest) "Maestro Service Internal Error (Player.286)" when playing a certain Composition

If a Custom Property of type "Generated Value", "Number", "Range" was used in a Composition, but the property was only used on some of the servers in a multi-server Composition, an internal error would occur when attempting to play the Composition.

63101: (CloudTest) e is null; JS line 155

This error occurred in the Clip Editor lower panel during a recording session.

63062: (mPulse) Variable field for CustomTimers & CustomMetrics should be editable

The variable name field for Custom Metrics & Custom Timers is now editable.

62233: Issues with Metrics vs. Page Load time widget

As of this release, mPulse will show "N/A" when there isn't any data for a given timer/metric.

60819: (TouchTest) Issue with locator on Android [[requires new TouchTest Driver](#)]

A locator that worked on iPhone didn't work as expected on Android when it was used to store a property set.

56277: (TouchTest) Enabled validation not working on Android [[requires new TouchTest Driver](#)]

A given validation for Continue button that passed on iPhone would fail on Android.

53050: (TouchTest) WebDoubleClick Action in iOS Hybrid webview does not work [[requires new TouchTest Driver](#)]

A change to the default doubleClick interval is now in effect.

Build 6562.65

Bugs Fixed

62900: (CloudTest) WSDL Target Creation: Import Issue with SSL Cert

Creation of a WSDL target that required SSL Certification unexpectedly failed.

62718: (CloudTest) Cannot read property 'length' of undefined

A "cannot read properly 'length' of undefined" script error occurred in the Result Details dashboard when switching to "Errors Only" if there weren't any errors.

62604: (TouchTest) Pinch doesn't work on iOS [[requires new TouchTest Driver](#)]

Pinch gestures weren't recorded as expected on iOS devices.

62514: (TouchTest) TTW Search Action fails to replay [[requires new TouchTest Driver](#)]

A TouchTest Web clip search action failed to playback as expected.

62219: (CloudTest) Internet Explorer does not load CloudTest iframe in 360 dashboard

When loading CloudTest in an iFrame, unexpected JavaScript errors would occur and the CloudTest website does not load.

60808: (CloudTest) Validation shown passing in Jenkins but actually fails within the clip validation

This fix will output correct non-fatal transport errors for Jenkins validation output.

55385: (mPulse) Unparseable date: "NaN-NaN-NaNTNaN:NaN:NaNZ"

Although mPulse uses GMT everywhere, the underlying timezone table used UTC. As a result, the time zone for the selected date didn't match a known time zone.

Build 6562.60

Bugs Fixed

62775: (TouchTest) Android TTD: Do not start hit test when not recording [\[requires new TouchTest Driver\]](#)

It is required only at recording so we won't start it at playback to save resources

62759: (CloudTest) The XML document is not well-formed

A character encoding issue occurred in which an "&" in a Result Service DB entry caused a subsequent XML error. This is now handled.

62688: (TouchTest) TTA and TTW apps recreate the activity on orientation changes [\[requires new TouchTest Agent\]](#) [\[requires new TouchTest Web\]](#)

This error occurred if the user rotated the device to/from portrait or landscape mode while doing mobile web recording.

62612: (TouchTest) Android TTW: Multiple scrolls are getting played back too fast before webView could respond to 1st scroll [\[requires new TouchTest Web\]](#)

Multiple scrolls in a TouchTest Web test were played back at a rate that prevented the webView from responding to the first or subsequent scrolls.

62603: (TouchTest) Android: TTW: Before playback of type action, we need to clear out auto-filled value [\[requires new TouchTest Web\]](#)

As of this release, auto-fill text is cleared on playback as expected.

62600: (TouchTest) Android TTW: maps.google.com types needs to be URLDecoded before saving in the clip [\[requires new TouchTest Web\]](#)

Google Map fields weren't URLDecoded as expected for playback (for example, a street address would be played back with incorrect text such as "444%20Castro%20St").

62594:(CloudTest) Cookie: Invalid Max-Age attribute when value contains a float

Cookies with a fractional "Max-Age" attribute were not accepted.

62566: (TouchTest) Android TTD: onCreate's dialog are not correctly inserted in the hierarchy [[requires new TouchTest Driver](#)]

This error occurred on some older Android tablets.

62412: (mPulse) mPulse System Dashboard: mPulse dashboard text mistake

There was an omitted space in one mPulse widget's label description text.

62332: (mPulse) Drop down for menu in filter toolbar partially hidden when visible in widget

Dropdowns on the Filter toolbar (in mPulse dashboards) were truncated on the widget surface.

62045: (CloudTest) Unable to use mutiple large seed data files in a composition

Seed Data was missing the expected HTTP CR+LF.

60924: (TouchTest) [iPad] Scroll offset causes scrolling to go out of bounds on different screens and creates white space

Scroll offset variance between iPads of different sizes could cause a composition to fail.

57645: (TouchTest) Phone number input doesn't type all the digits in the value [[requires new TouchTest Driver](#)]

This input error was fixed by adding a key stroke delay (200ms).

60781: (CloudTest, TouchTest, mPulse) Permission changes to a folder propagate to objects not owned by the current user

Changing folder permissions unexpectedly caused propagation to objects not owned by the current user.

49829: (TouchTest) "TouchTest Auto-Login Failed" error

An unrecoverable invalid token exception would occur in TouchTest Agent while trying to connect to its CloudTest server instance.

Build 6562.56

Bugs Fixed

62570: (CloudTest/TouchTest/mPulse) Pop-out widget to a new window doesn't work

Popping out a widget unexpectedly resulted in a new window with the entire dashboard.

62566: (TouchTest) Android TTD: onCreate's dialog are not correctly inserted in the hierarchy [requires new TouchTestDriver]

62542: (mPulse) Exception in Metric Analysis Dashboard

Check for null `_before_` dereferencing rather than after.

62509: (TouchTest) java.lang.NullPointerException

This error occurred when special characters in a Device Agent name were encountered. This is now handled.

62495: (TouchTest) Handle client proxy error message

This proxy error occurred in TouchTest Lite.

62477: (TouchTest) java.lang.NullPointerException

This null error occurred after creating a new mobile target using the Target Definition Wizard, and then opening it via the Clip Editor, Messages/Actions tab's Include Target list.

62444: (CloudTest/TouchTest/mPulse) "Undefined key" when switching tenants

This error would occur while the user was switching tenants.

62415: (mPulse) Logout or switching tenants in mPulse should not show the grid warning

Added check for mPulse app type, the warning will not show up when mPulse is true

Build 6562.51

Bugs Fixed

62443: Repository migration failure in SOASTA 39

This fixes a repository migration error found in the prior release.

Build 6562.48

This release [[requires new TouchTest Driver](#)] and also [[requires new TouchTest Web](#)].

Bugs Fixed

(CloudTest): Location lower properties panel not showing correctly

A display issue was encountered while viewing the Location lower properties panel.

62413: (TouchTest): TouchTestWeb scroll does not record scroll offset value (amount of scroll)

During a TouchTest Web recording session, the scroll offset value was unexpectedly not recorded.

62407: (CloudTest): Cannot combine widgets when dragging out from the left widget bar

An attempt to combine widgets on a dashboard unexpectedly failed.

62392: (TouchTest): Cannot record web actions on Android 4.0 ICS (i.e. Kindle Fire HD)

An attempt to record web actions on a Android 4.0 unexpectedly failed.

62088: (TouchTest): ApiDemos Custom Number Picker doesn't play back correctly

A composition using a tap action on a custom number picker failed to playback as expected.

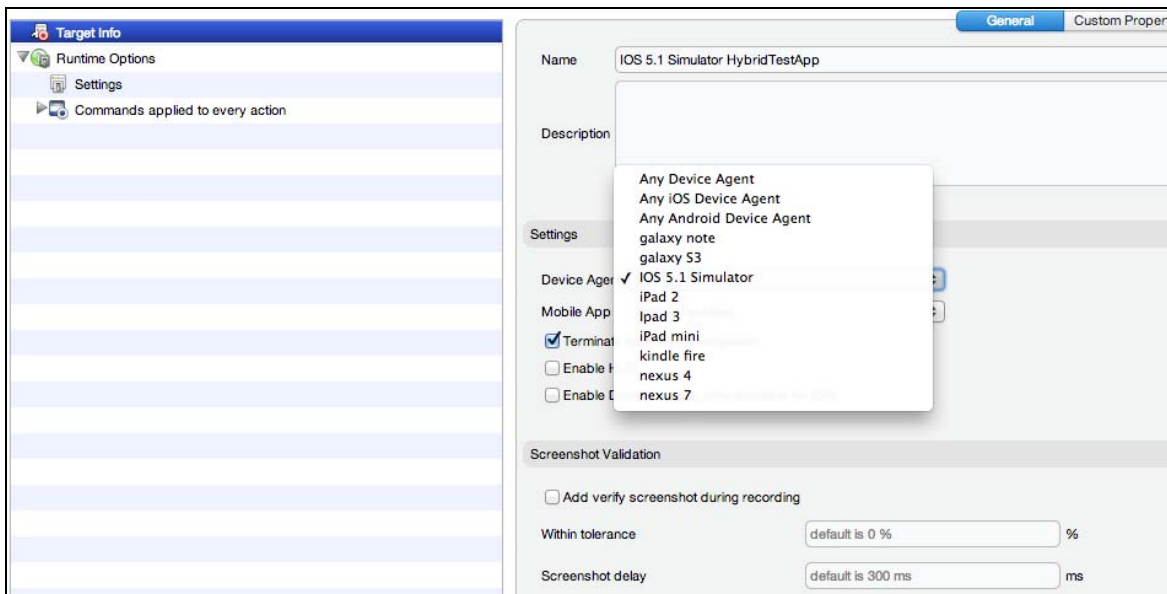
Build 6562.46

TouchTest

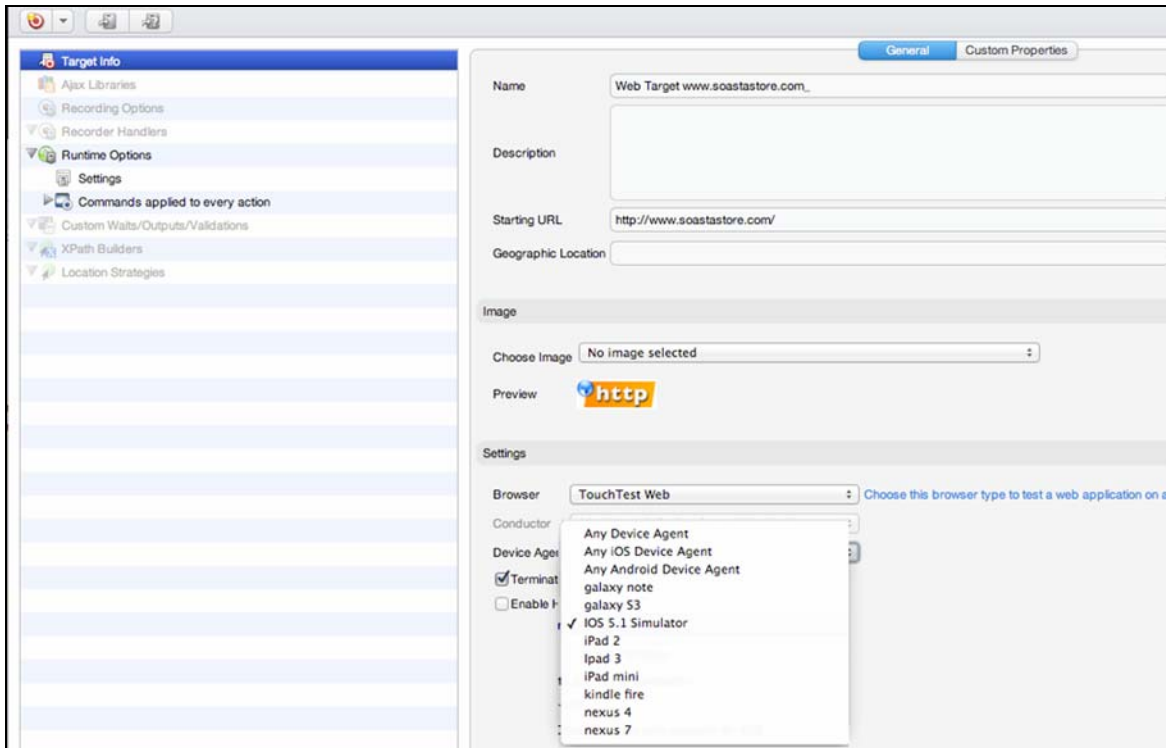
New Target settings for "Any iOS/Android Device Agent"

TouchTest and TouchTest Web users will now find two new settings in the Target Editor for native and mobile device agents.

For native apps, the Settings section, Device Agents list now includes two new settings—Any iOS Device Agent and Any Android Device Agent.



For mobile web pages, the Settings section, Device Agents list now includes two new settings—Any iOS Device Agent and Any Android Device Agent.



Bugs Fixed

62354: (mPulse) Null Pointer Exception clicking on "All" in country dropdown for Globe

This null error occurred while selecting "All" in the Globe widget's Country dropdown.

62336: (TouchTest) Android: TouchTest should show proper message to the user when SSL isn't configured properly [\[requires new TouchTest Driver\]](#)

As of this release, in the event of an SSL error on the server side, a user-friendly error message is shown in TouchTest Agent prior to session termination.

62330: (TouchTest) Android: TouchTestAgent doesn't work properly on Android 4.2.2 and 4.3 [\[requires new TouchTestAgent app\]](#)

TouchTest for Android didn't work as expected on Android 4.2.2 and 4.3 due to an SDK issue.

62324: (TouchTest) Android: TouchTestAgent doesn't proceed when SSL certificate is not signed or expired [\[requires new TouchTestAgent app\]](#)

In the event of an SSL certificate error or an expired certificate, TouchTest Agent would fail and exit. This fix is related to the fix for Case 62336.

62229: (CloudTest) The DestinationID attribute value " is not a valid long integer

This error occurred in the Clip Editor lower panel, Message Editor.

61883: (mPulse) Globe: Exceeds Boundaries

A display error occurred within the mPulse Globe widget causing it to exceed its allotted space.

61851: (TouchTest) Upgrade from SOASTA 29 results in Device Agent OS is null

Composition results will now display the correct platform information when Device Agents are selected at the Track Level or through a system property.

60808: (TouchTest) Validation shown passing in Jenkins but actually failed

Adding non-fatal Transport errors to be output in Jenkins results.

Build 6562.42

This release [[requires new TouchTest Driver](#)].

Bugs Fixed

62217: (mPulse): include timezone filter on mPulse Dashboard.

Because there was no time zone filter on the mPulse Globe dashboard, the dashboard would default to GMT, thus pulling in a different set of data than that necessary to correlate the heat map feature introduced in the prior release. This fix adds a time zone filter to the mPulse Globe dashboard.

62213: (mPulse): Some fly-to locations were inaccurate

Favorites listed on the surface of the Globe widget were not passing through the override list.

62211: (TouchTest): Android OnEditorActionListener broken

This fix repairs an underlying problem with the OnEditorActionListener that might potentially affect TouchTest users.

62049: (mPulse): missing "Operational Dashboard" and "mPulse Globe" dashboard in new tenants

After creating a new tenant, the default dashboards: Operational Dashboard and mPulse Globe, were missing.

61968: (TouchTest): Android Done button on Numeric Keypad doesn't record type action

This fix augments the fix reported in the prior release.

Build 6562.40

This release [[requires new TouchTest Driver](#)] and also [[requires new TouchTest Web](#)].

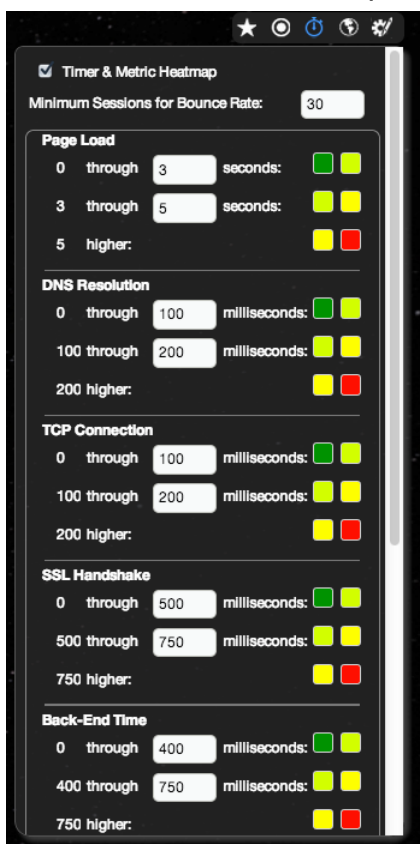
mPulse

Dashboard Improvements

Timer and Metric data now available on the WebGL Globe

This release introduces Timer and Metric data to the mPulse Globe widget. Timer settings were formerly limited to the Globe dashboard level.

A new Timer & Metric drop down now appears on the top-right menu on the Globe surface.



Check Timer & Metric Heatmap to enable this feature. Doing so will result in global heat zones being shown on the Globe (for example, the Australian desert).

Accept the default settings per metric or enter new ranges for color correspondence to customize the display.

Set the color range that corresponds to the length of time for any of the following timer attribute settings:

- **Page Load Colors** – Set the color range for the default timer on page **load** time (renamed, was "**Load Time Colors**" in the prior release)
- **DNS Resolution Colors** – Set the color range for the default timer on **DNS** resolution (e.g. the time it takes to resolve a **DNS** name to its IP address)
- **TCP Connection Colors** – Set the color range for the default timer on the

Transmission Control Protocol (TCP) connections in a session.

- **SSL Handshake Colors** – Set the color range for the default timer on SSL Handshake.

Scroll down to view the remaining color range options

- **First Byte Colors** – Set the color range for the default timer on the first byte received in a session.
- **Front-end Time Colors** – Set the color range for the default timer on front-end time. Frontend time is client-side time such as the additional time it takes to fully render any content.
- **DOM Loading Colors** – Set the color range for the default timer on **loading** the DOM (e.g. after the client has finished **loading** all window frames, objects, and images).
- **DOM Ready Colors** – Set the color range for the default timer on the DOM ready status. This event represents the moment when the browser has fully processed the DOM structure of the HTML document.

Globe Widget Settings for Metric and Timer

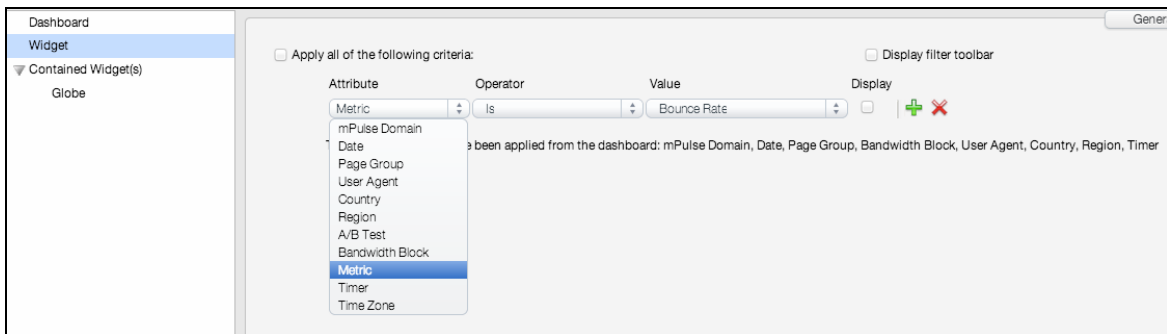
Additionally, the Globe legend now includes additional surface-level settings.

Beacon Load Time (sec) – This legend was formerly known as Load Time (sec) and presents a visual cue for load time by color.

Beacons per Dot – This legend presents a visual cue to the number beacons per dot.

Timer Page Load (sec) – This legend presents a visual cue for page load time by color.

Additional Timer and Metric filters are now available in the Widget-level Filter tab.



Visualization improvements for retina displays on the WebGL Globe

This release also includes visual improvements for users on retina displays.

Globe default favorites list updated

The Default favorites list has also been updated for this release.

Bugs Fixed

62040: (TouchTest): Android TTD: scroll not recorded

A prior Android fix was reverted. This also fixes an issue in the Clip Editor.

61968: (TouchTest): Android: Done button on Numeric Keypad doesn't record type action

An expected type action was not recorded during an Android recording session.

61875: (CloudTest): Unable to upgrade CloudTest to SOASTA 34

An attempt to upgrade from SOASTA 22 to SOASTA 34 unexpectedly failed.

61821: (TouchTest): After flashing ROM, and boot, TouchTest didn't work until we force kill app

TouchTest became unresponsive after flashing ROM and reboot.

61737: (mPulse, CloudTest, TouchTest): Improved dashboard load time performance

This fix improves dashboard load time performance.

61116: (CloudTest): Large Seed Data file successfully uploads but contents are not displayed in Seed Data Object.

Uploading a very large Seed Data file resulted in display issues in the Seed Data user interface.

60228: (TouchTest): Scrolling doesn't get recorded on Android

Scrolling actions were not recorded as expected on Android.

54163: (TouchTest): Problem playing back type without prior click

There was an issue here with the type action when the keyboard wasn't already open.

52707: (CloudTest): Recording messages with OAuth authentication weren't properly matching existing targets

A discrepancy in OAuth messages resulted in this error.

Build 6562.32

Bugs Fixed

61900: (TouchTest) Max VUs greater than 0 should not "CloudTest-ize" the UI

This fix provides the ability to customize Max Virtual Users (Max VUs) in TouchTest-only environments.

61863: (CloudTest) "f.empty is not a function; JS line 1246"

This script error occurred in dashboards.

61856: (CloudTest) "Cannot read property 'style' of null"

This JavaScript error occurred in the Result Details dashboard.

61758: (mPulse) Globe Beacons stop rendering when rotation is toggled on/off

When rotation was toggled on or off from the "Star" drop down menu in the Globe view, all beacons would stop rendering.

61636: (mPulse) Cannot read property 'MapView' of undefined

This error occurred in the Globe widget.

61629: (TouchTest): Android TTW: TouchTestWeb record native tap as click [\[requires new TouchTest Web\]](#)

This fix augments the earlier fix reported for this case.

61570: (mPulse) Uncaught TypeError: Cannot read property 'MapView' of undefined; JS line 12290

This error occurred in the Globe widget.

61526: (TouchTest) Android: TTActivityManager should cache activity for an edge case

Switching to another mobile app during a recording session would result in a crash when the Record button was clicked in Clip Editor to stop recording.

61012: (mPulse) TypeError: this.m_oGlobe.countryData is null; JS line 3330

This error occurred while opening a dashboard.

56390: (TouchTest) App exits and device returns to TouchTest Agent
[\[requires new TouchTestDriver\]](#)

This fix augments the earlier fixes reported in this case.

Build 6562.28

Bugs Fixed

61819: Fix for iOS TouchTestWeb viewport scaling problem [[requires new TouchTest Driver](#)][[Requires new TouchTest Web](#)]

A layout problem occurred in an HTML document that required scaling (e.g. due to a huge width).

61750: iOS Hybrid Click Duration / LongPress [[requires new TouchTest Driver](#)][[Requires new TouchTest Web](#)]

This fix adds improved support for long presses.

Build 6562.23

Bugs Fixed

61745: (TouchTest) AutomationUnhandledExceptionError -[__NSArrayM objectAtIndexedSubscript:]: unrecognized selector sent to instance [[requires new TouchTest Driver](#)]

This error would occur on playback of a mobile test with a given tap action.

61507: (TouchTest) UIWebView Not Ready using iPad simulator [[requires new TouchTest Driver](#)]

TouchTest Web was unable to inject scripts into the web view while recording on an iPad Simulator.

61502: (TouchTest) Apps that use GoogleAdMobAds crash during recording [[requires new TouchTest Driver](#)]

An iOS application that used an advertisement rendered inside a webview would crash during recording right after such an advert was displayed.

61475: (TouchTest) Android TTW refactor the WebViewClient injection [[requires new TouchTest Driver](#)]

This fix introduces further improvements to script injection triggered by loadURL (e.g. before web pages load).

58547: Storing Properties using Xpath extraction does not work on Android simulator [[requires new TouchTest Driver](#)]

This fix removes XPath ID resets that were not correctly placed, resulting in this error. Now, TouchTest will find all nodes that match the given locator.

Build 6562.19

This release [[requires new TouchTest Driver](#)] and also [[requires new TouchTest Web](#)].

Bugs Fixed

61740: (TouchTest): Cannot call method 'removeChild' of null

The Android Hybrid keyboardReturn playback timed out.

61738: (TouchTest): hybrid keyboardReturn doesn't show up in clip

An expected keyboardReturn action didn't show up in the clip.

61733: (CloudTest): Collection chart improvements

This fix includes various improvements and fixes to the Average Collection Duration widget, including a calculation error that caused the chart to be off by 1 minute when aggregating by minutes.

61727: (CloudTest): "Cannot read property 'm_oLeftAxis' of undefined" when viewing the Average Response Time chart

This error would occur if the dashboard included the Average Response Time chart.

61629: (TouchTest): Android TTW: TouchTestWeb record native tap as click.

A tap on the TouchTestWeb title bar from within the app would unexpectedly record a click.

61621: (TouchTest): Optimal locator is not choosing text for UILabel

Clicking a text area on a given mobile page would capture only classname=UIView where it should've also captured text that would make the locator actually work.

61612: (TouchTest): On iOS only, hybrid was doing the implicit wait for readyState complete

A click was unexpectedly performed before scroll in a given hybrid page, thus causing the test to fail.

61475: (TouchTest): Android TTW stabilization

This fix includes refactoring of the WebViewClient injection for Android.

61354: (TouchTest): TTW Android too sensitive on some websites, not recording scrollView

The scrollView was not recorded as expected along with some other issues while recording via the native view of TouchTest Web.

61335: (TouchTest): Scale Android TTW pages to match real browser page

This fix scales the TouchTest Web page to match a real browser page.

61006: (TouchTest): TTD Android webType not recorded when using the return key

When a user hit the return key on the keyboard the webType did not get recorded.

58424: (TouchTest, CloudTest): Clip Editor shrinks all columns down to really small size for certain users

Clip Editor columns in List view were inexplicably left aligned for a given user.

Build 6562.16

This release [[requires new TouchTest Driver](#)] and also [[requires new TouchTest Web](#)].

Bugs Fixed

61481: There is no webView for the web command or action tapping on settings

Clicking a tab in a mobile app failed to produce the expected result while doing mobile recording (e.g. no webView).

61475: Android TTW: refactor the WebViewClient injection

The WebViewClient injection was not completed before loading an URL, thus resulting in this error.

61421: "Cannot read property 'shortname' of undefined"

This script error in would occur in dashboards where the Fundamentals widget was included.

61332: Can't record Go Button with TTW Android

Attempts to use TouchTest Web for Android to record from a site that had a Go button would unexpectedly fail when the web view was scrolled.

61114: waitForViewChange will not be added when we record a webSelect

Each time a window is opened/closed in an Android mobile app, a waitForViewChanged is added; however, it should be ignored for pending actions like webSelect recording.

61006: TTD Android webType not recorded when using the Return key

When user hit the return key on the keyboard the webType did not get recorded as expected.

57870: Cannot read property 'style' of null

Additional null checking has been added to detect further occurrences of this issue.

57257: JS script error for empty result in Result Details widget

This script error occurred within an empty result.

Exception while saving webPan from lowerPanel in Clip Editor

This error would occur in the Clip Editor lower panel on save.

Build 6562.11

CloudTest

TouchTest

This release [[Requires new TouchTest Driver](#)] and also [[Requires new TouchTest Web](#)].

This release includes a major update to iOS and Android TouchTest Web, as well as to TouchTest Hybrid. All TouchTest Web actions and actions on UIWebViews (iOS) or WebViews (Android) are now recorded using native operating system events as well as played back using native OS events.

Getting the benefits of these enhancements requires installing the new TouchTest Web apps from the CloudTest Welcome page, and rebuilding your hybrid apps with the latest TouchTest Driver.

CloudTest

SCommand – New 'owner' parameter for Delete command

The Delete command now includes an additional parameter, owner. Refer to [SCommand Reference](#).

Switching Tenant Improvements and Tenant Folders (CloudTest Pro/Enterprise)

Users with access to more than one tenant will find an improved Change Tenants dialog box in this release.

Additionally, users can create Tenant folders via the context menu in the Central > Tenants list.

mPulse

Configure Domain box improvements

The Configure Domain box now enforces page group limits.

Bugs Fixed

61343: Widget loading indicator not showing

When a widget is loading, there's supposed to be a square loading icon in the upper left -- it's not showing up, which is causing some dashboard UI tests to fail.

61125: Composition Editor getting stuck in circular reference loops

The issue was fixed by caching nested clip information instead of always going to the repository even for clips that had been processed already. Brought the time to add the clip from 10 minutes to 5 seconds.

61031: Chart title not being set correctly when new chart widget dragged out

The widget display name of a Top N chart was not displayed as expected once added to the dashboard.

61030: Chart title not being dynamically set correctly when chart is replaced

The widget display name was not dynamically updated once the chart was replaced.

60947: Deleting and Re-adding the same clip in a composition adds the same custom properties again

The custom properties were unexpectedly added to this map every time a clip was loaded into a composition.

60864: Invalid API key can cause excessive CPU usage on the Main

A large number of Boomerang requests with an invalid API key was the likely cause of a simultaneous spike in the CPU usage on a main instance.

60797: TypeError: 'undefined' is not an object (evaluating 'a._canvas.width'); JS line 11778

This script error happened in an mPulse dashboard.

60725: Uncaught TypeError: Cannot read property 'length' of undefined; JS line 13737

This script error happened in the Globe widget.

60609: Standardize the rule to count requests through the widgets of the dashboards

The Fundamentals widget now includes App Actions in the request count (and will also include DB actions). Error Analysis now shows only message and scripts in its total line. Also, the widget now shows the request count for messages and scripts when there are no errors.

60470: Unable to get property 'toLowerCase' of undefined or null reference: no checkin

An error occurred during a Clip Editor recording session.

60034: Can't Right Click Delete Device Group

An attempt to right-click and Delete a Device Group unexpectedly failed.

58958: A Soap fault has occurred. faultString: Exception: java.lang.NullPointerException

This error occurred in the Clip Editor lower panel Message Editor.

58945: Can't playback the clip and composition

A band failure prevented the playback of a mobile test composition.

58042: Handle decimals in timers (custom & standard)

mPulse will handle decimals from navigation timing and custom timers.

58857: Issues with Metrics Over Time Widget

When selecting and zooming on adjacent time series widgets, the metric over time widget would break.

57801: Cannot read property 'length' of undefined

This error occurred in the Central > Welcome page.

57717: The XML document is not well-formed

This timing error occurred in CloudTest Lite, Central.

57515: Changes to scripts inside containers don't follow save as in new clip.

Script changes were lost in a new clip created from the clip holding changes if using Save As.

57492: 'undefined' is not an object

This likely timing error occurred in the Composition Editor, Play tab.

57483: Bad Gateway JS error

This error occurred in TouchTest Lite while trying to change a user password.

57457: Address already in use

A dashboard servlet error occurred.

54298: Changing aggregation period also changes session expiry time

Change the time that we hold session data in memory to have it's own config setting and can be a different value than the aggregation period. Default to 30 minutes plus 2 minutes.

Build 6512.56

Bugs Fixed

58843: (mPulse) Android TTW: Trying to record a specific website returns a 500 because it trims the URL

The Android TouchTest Web incorrectly trimmed a URL at an equal sign, thus resulting in this error.

Build 6512.54

Bugs Fixed

60714: (mPulse) jQuery Script error changing filters or widget settings in Operational Dashboard

This error occurred while using the Edit Panel to change mPulse dashboard settings.

60669: (CloudTest) "this.m_aDataset.push" script error viewing charts

This error likely occurred due to a chart going away quickly after it was initialized.

60592: (CloudTest) Collection Count Roll-ups

The Collection Analysis widget no longer includes top-level metric rollups. This fix also removes the bytes sent/received and errors from the Grouped version.

58854: (mPulse) Issues with Y-Axis on Page Load Time Over Time Widget

Queries are now returned in milliseconds (ms) rather than in seconds. This change allows the Y axis to act much better. Dashboards will still display values in seconds if they get over 1000 ms.

58547: (TouchTest) Storing Properties using Xpath extraction does not work on Android

Xpath values are now properly extracted for output all element property values.

58222: (mPulse) gl is not defined; JS line 3230

This "gl is not defined" script error would unexpectedly appear in mPulse Central.

58054: (CloudTest / mPulse) DashboardEditor.updateWidgetTitle only works the first time

The Dashboard Editor couldn't tell the difference between a widget that had been renamed explicitly by the user versus one that had been renamed dynamically via a previous call. As a result, only the first call worked, and subsequent ones would silently fail.

58008: (mPulse) Object [object Object] has no method 'sparkline'

This script error was related to bytes received and errors within the Grouped version.

Build 6512.45

Bugs Fixed

Auto-detect time zones and pare down the time zone list

As of this release, the Time Zone list will be pared to a shorter list based on auto-detection of the user's time zone.

60488: When a clip is opened from a double click on an action in the Result Details the action in the clip should be expanded

As of this release, Clip Editor folders will be expanded to display a child action.

60440: Input Field very small when creating new wait

A layout issue occurred with the input field for a Wait.

60417: Null pointer when no time zone

This null pointer would occur if a Dashboard had no time zone.

59200: Split or Combine by Dimension for Collections Started on toggles between By Location, By Parent Container is not available

The Collections Started chart should allow split by parent container just like the Collections Completed one does.

58760: Cannot read property 'maxManualVUCount' of undefined

This error occurred while entering numbers into the Time or VU inputs in a dashboard that was not active. Now, a running composition and an initialized dashboard must both be present.

58586: Android webType types everything in lowercase

The webType action replayed all text in lower case.

58474: Cannot read property 'vus' of undefined

This error happened in the Virtual User Ramp Controller if a user dragged the sliders or diamond around while the dashboard was switching to a new result and hadn't been fully initialized yet.

57645: Phone number input doesn't type all the digits in the value

The `getOutput()` text will no longer be overwritten by the last property value. Instead, it will now return a full comma delimited list of all elements as was intended.

56143: Expected ')'; JS line 4

The App Action JSON parameters being passed to the Add Validation were messed up with regards to quotes.

53928: Reporting Passed Validation in Jenkins

This fix removes the excessive VCPASS and VCFAIL that were included in Jenkins results output.

Build 6512.36

Bugs Fixed

59274: Locator not found on mobile app

A JSON-formatted locator was not found as expected. Now, JSON format locators are serialized before using them for element lookup.

58789: Add rate of per second to Fundamentals collections rate

This fix adds "per second" to the rate choices in the Fundamentals widget, Collections Rate filter. This is simply calculated by taking the per-minute and dividing by 60.

58560: Format error converting number from delete all dependencies

This error occurred while using the Delete All Dependencies feature.

58538: New drop-downs are slow with lots of entries

Dropdowns in mPulse that had long lists (i.e. a long list of page groups) would take inordinately long to load. Now, optimizations in the dropdown display code will make it load much faster for long lists.

58284: Compare Results Dashboard Wizard Has lots of empty space

This layout issue caused the Compare Results Dashboard wizard to include empty space.

58278: Android composition runs continuously in CI

The lock on task queue for TouchTest tasks will no longer wait for the queue to be filled if it isn't empty.

58179: Response times from results.xml

When Clip Element Details are exported as a CSV, App Actions and all types of clip elements that should be exported in it were not. This fix also adds in all names for CSV exports from sCommand.

58054: DashboardEditor.updateWidgetTitle only works the first time

The Dashboard Editor couldn't tell the difference between a widget that had been renamed explicitly by the user versus one that had been renamed dynamically via

a previous call. As a result, only the first call to updateWidgetTitle worked, and subsequent ones would silently fail.

58027: Asset names in Unicode(regional) characters are not displayed correctly

Unicode character sets didn't display repository assets as expected.

57997: RUM selects bottleneck

This fix includes a data model change to timestamp-related code.

57935: Report is not getting generated and Average collection duration widget is taking more than 30 minutes to load

This fix limit all charts to a max of 100 series just like is done with the Error Types over Time chart.

57797: Locator Tool frame is off for hybrid app

The frame for the Locator Tool was not in the correct position in a hybrid app.

57511: The "OK" pop-up is back

The "OK" Alert modal dialog unexpectedly reappeared after having been eliminated.

56575: TypeError: this.m_oRecordTarget is undefined; JS line 3506

This error occurred while using the Locator tool during a browser recording session.

Build 6512.21

Bugs Fixed

58482: Unable to deploy HP Cloud servers without specifying a zone

Deploying an HP Cloud server would unexpectedly fail if no zone was specified.

58428: CloudTest New Custom Property, UI does not scroll to New

After adding a new custom property, the UI does not scroll to display it.

58389: Hybrid recording problem on Android 17 [[requires new TouchTest Driver](#)]

Recording in hybrid Android apps would fail if running Android 17.

58342: Copy paste of actions is not getting the latest edits

Pasted app actions do not include un-saved changes made to the original.

58339: Moving actions from one case to another inside a Switch renames the action

Moving a named app action from one case statement to another inside of a switch statement result in that app action being renamed.

58319: Toolbar Filter not displaying all options

Some rendering issues occurred within the dropdowns on widget surfaces.

58161: Result name and description prompt never appears

The expected Result name and description prompt never appeared.

58083: Filters on "Time" do not appear correctly

Checking the display checkbox on time filters resulted in an incorrect time display.

57969: TouchTestAgent Error using TouchTest Lite

Some attempts to register an Android device on touchtestlite.soasta.com unexpectedly failed.

57946: TypeError: [].inject is not a function

This JavaScript error occurred while recording browser actions.

56935: Swipes not recognized on Android app [[requires new TouchTest Driver](#)]

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Swipes were not recognized on an Android app when wrapped in ViewPager.

56243: Unable to get value of the property '1': object is null or undefined; JS line 2352

This JavaScript error occurred in the Target Editor when using Internet Explorer.

53928: Extra validations shown in Jenkins

This fix turns off reporting of VCPASS validations for App Action and Browser Action, which will prevent additional reporting of validations that were not defined by a given user as part of a given test clip.

Build 6512.10

Bugs Fixed

58131: Invalid Set-Cookie Header

A set-cookie format was not handled as expected.

57994: Script content getting deleted

Using the Expand All feature in the Clip Editor would unexpectedly delete script content that had been added since the prior Save.

57905: Viewing the list of audit records could hang the browser

Viewing the Central > Auditing list unfiltered would hang the browser.

57789: WebUI record button does not work a second time in a single session

The Record Browser button stopped working after having already started and stopped one recording.

57360: Generated report has an extra column

An extra, untitled column appeared in exported results in Word.

Build 6512.7

Bugs Fixed

57975: Clip editor crashed when changing from verifyWebScreenshot to verifyScreenshot

This error occurred while changing a validation from verifyWebScreenshot to verifyScreenshot.

57973: Clip Editor asks to retake native screenshot for web screenshot

The "Retake Screenshot" button was not hybrid-aware as expected.

57936: Fundamentals widget shows effective throughput as 0 when 14 messages were sent in 97 seconds

Now, CloudTest shows a fractional value when the throughput is less than 10.

57934: Grids are showing status as Loaded

Opening and closing a grid left the status set to "Loaded".

57892: Login Screen doesn't show incompatible browser list for IE8

The minimum browser requirements were not being properly shown in IE8.

57761: Monitor charts fail with 1-day aggregation

Monitor charts failed when the time range was set to several days.

57133: Locator based screenshot error on Android

Using the Locator tool to select a screen shot region did not work on certain Android apps.

56512: Check server passes with invalid URL

As of this release, CloudTest now automatically remove spaces from server URLs and host names

56390: App exits and device returns to TouchTest Agent [[requires new TouchTestDriver](#)]

This fix augments the earlier fix reported in SOASTA 14.

Build 6512.2

Bugs Fixed

57811: elementColor accessor should show textColor for UILabel

The elementColor accessor will now show textColor for UILabel.

57791: Invalid web locator recorded [[Requires new TouchTest Driver](#)]

An invalid Xpath locator was recorded, thus preventing a successful test.

57765: Recording a new clip using Record Mobile Web on android gives App update required

Recording a new clip using "Record Mobile Web" failed on an Android device when the "App update required" pop-up appeared.

57638: Loading composition on external RSDB Error

This error occurred while loading a Composition using a separate Results Database

57371: Server and Location and not valid attributes for RSDBs

This error occurred while sorting the Central, Results Databases list by server or location.

56893: Cannot read property 'PreActionWaits' of undefined

This error occurred in the Clip Editor, lower panel Message Editor.

56811: Locator-based screenshots get fuzzy [[Requires new TouchTest Driver](#)]

An attempt to use screenshot validation via Locator unexpectedly failed.

56789: Problem with HP Cloud Grid deployment

Multiple "400 Bad Request" errors occurred while trying to deploy a grid using HP Cloud.

56389: Android Webview does not load TTW scripts

Hybrid apps were not working on Android API level 17.

56114: "java.lang.NullPointerException" error while attempting to record

This null pointer error prevented recording in a mobile app.

54919: Renaming screenshot validation fails

A successful verifyScreenshot would fail if its name was changed (e.g. from verifyScreenshot-1 to some other name).

54170: Unity/OpenGL framework iOS app records but does not play back.

The recorded offset of an item in an app using the Unity/OpenGL app was unexpectedly expressed as a negative causing playback of the recorded content to fail.

Build 6472.40

Bugs Fixed

56992: Hybrid App not waiting for webpage to load before moving on (Hybrid app) [[Requires new TouchTest Driver](#)]

A test clip recorded from a hybrid app would visibly move on to the next action before the page for the current action loaded.

56986: Multiple elements not being recorded in Hybrid App [[Requires new TouchTest Driver](#)]

The issue was that the shouldStartLoadWithRequest method was on a different class than the other delegate methods. Swizzling was picking up the wrong method and so it was never getting called, which then caused failed notifications when actions were recorded.

56170: Unable to verify verifyWebBodyText and verifyWebElementPresent

A regression occurred that caused validations on web body text and on web element present to fail.

Build 6472.36

Bugs Fixed

57428: TT Fails to identify the locators

TouchTest did not record natively any web element or native element because of web intercation (e.g. the picker following a webSelect. [[Requires new TouchTest Driver](#)]

57376: Aborting a result is processed incorrectly by a RSDB that shouldn't be involved

When an RS receives an abort request it checks to see if it is processing that result and if not then it just returns.

Build 6472.31

Bugs Fixed

57452: (TouchTest) Problem with native tap for keyboard / alert views in landscape mode

A problem with the coordinate translation for popup views in Landscape mode caused touchBegin to be in a different location than touchEnd.

57362: (CloudTest) Image missing on "All" drop-downs in Dashboard Edit panel

The arrow image was measuring the input box's height to see how tall to be, but when the filter was shown when the lower panel first comes up, the input's height is 0 because it is not visible yet, so the image was getting drawn with 0 height. Now, it uses the ideal height, and doesn't do any measuring.

57356: (CloudTest) Chart legends in generated reports are not color coordinated with series

This issue was a side effect of the new Legend styles. Removing the colors from the legend text also removed it from the legend in the generated image. Now, the report generation will always use text colors, and the legend will continue to never use text colors.

57307: (mPulse) Nonexistent RUM domain ID errors found in server log

Blank dashboards were shown for certain domains.

57228: (mPulse) Time Zone issues

Incorrect data was shown for +GMT time zones.

57222: (TouchTest) "TypeError: this.m_oChaseButton is undefined"

This Composition Editor, Play tab error occurred while running a mobile tests.

57184: (CloudTest) Selenium server not installed by default for report generation in main ISO

The underlying report generation tool was not included in ISO versions as expected.

57054: (mPulse) Data in Geography Widget doesn't match data in country table

The data seen in the Geography widget didn't match up with data from the Country table.

57014: (mPulse) Load time in Metrics and Timers does not match load time in summary widget

The load time reported in the metrics and timers widget is different (lower) than what is seen in the default summary (Median Load Time) widget.

57004: (CloudTest) Copy & Paste for locator using Global Property does not get saved

A Locator that was added into an action or one of its accessors using the Global Property list (via the Property Chooser) could not then be successfully copied into another action. The pasted locator would disappear after saving and reopening the clip.

56812: (TouchTest) Tolerance for screenshot is not active

The Tolerance (%) field didn't work as expected.

56753: (CloudTest) Script error: "e is null" when right-clicking nodes in Library

Using a right-click to access the context menu from the Central, Library list would result in this error.

56557: (TouchTest) Adding extra character in username / password while playback [[Requires new TouchTest Driver](#)]

An extra character was unexpectedly added to the entered value in the username / password fields, resulting in this error.

56388: (TouchTest) Android TouchTest Driver: Recording "type" not working with next and many text inputs

Type actions were not working with next links and many text inputs on Android.

55134: (TouchTest) playback issue

A background screen didn't get focus after completion of a popup confirm action.

Chart rendering bug when drawing bar charts of 1 pixel width

This release resolves a chart-rendering issue where bar charts were of 1 pixel width (e.g. they weren't really visible).

Build 6472.24

Bugs Fixed

57234: Can't create reports in current SOASTA update

A report generation error occurred in bar chart rendering in the prior release.

57220: Touchtest recording wrong attribute for WebTouchUp action

Xpath attributes were unexpectedly recorded for a WebTouchUp action.

57141: Dashboards page has two table headers

The Dashboards page unexpectedly displayed two table header columns.

57019: Error trying to do a mass target change

This error occurred while trying to use the Mass Target Change feature on a clip created in a prior release.

56989: StoreWebElementText gets text even when not visible on screen) [[requires new TouchTest Driver](#)]

Elements were not recorded in a Hybrid app as expected.

56915: Clip recording would hang browser in longer recording sessions

The Recording HTTP into Clip Editor feature would unexpectedly hang the browser session.

56816: Time Zone filter not shown in mPulse Lite

The Time Zone filter is now shown in all default dashboards (except the Globe) and will default to UTC instead of Pacific Time.

56701: Tables have no columns

This fix changes default selections for Metrics By Dimension and Timers and Metrics widgets, as well as for the Performance Breakdown and Operational Dashboards. This also fixes case 56858.

54407: 'console' is undefined; JS line 2109

This error occurred in the Clip Editor, Outputs form.

53928: Extra validations shown in Jenkins

This fix turns off reporting of VCPASS validations for App Action and Browser Action, which will prevent additional reporting of validations that were not defined by a given user as part of a given test clip.

31351: Session Template Package Wizard scrambles the parameters

The parameters of a given session were scrambled in the resulting template so that the playback of the test clip would fail.

Build 6472.16

Bugs Fixed

57125: Invalid Set-Cookie header in response (Unable to parse expiration date)

The "Invalid Set-Cookie header in response" error when the "expires" attribute is wrapped in double-quotes.

57111: Wrong icon class in the "cannot delete object" dialog

A clip element icon displayed for a message clip in the Cannot Delete Object box.

57104: Dashboard name extends beyond the tab

A layout problem occurred in the tab for an open dashboard in the Composition Editor, Play tab.

57099: Column data not aligned in Dashboards view

The columns in the Central, Dashboards list were not aligned as expected.

56923: iOS 7 iOS7 crash or freeze during recording [[requires new TouchTestDriver](#)]

This fix bumps the iOS 7 version to 46 and is required for iOS 7 recording to work.

47088: Top N charts limit is now 15

Top *n* charts now uses a drop-down to set the "Limit" in the Dashboard Edit Panel, Settings node for the given widget. The Limit is now raised from 9 to 15 (e.g. as in Top 15).

Build 6472.12



Upgrading to this version will require upgrading TouchTest Driver in all apps. For TouchTest Driver upgrade steps, click [here](#).

Bugs Fixed

Issue running Results Service migrations using the About box in a Single-instance Environment

This release fixes a problem while running Results Service migrations using the About Dialog in a single instance environment.

56923: iOS 7 iOS7 crash or freeze during recording [[requires new TouchTestDriver](#)]

This stack overflow error occurred on Swipe gesture swizzling.

55287: Local instance failure

If it took longer than 10 minutes to create a Result at the start of Composition execution, and nothing had been checking the status of the Composition or Playlist for at least 10 minutes (no U/I status displays), then the Composition would be erroneously considered to be idle and would be unloaded.

Build 6472.10



Upgrading to this version will require upgrading TouchTest Driver in all apps. For TouchTest Driver upgrade steps, click [here](#).

Bugs Fixed

56874: Numerous Errors Reported during Migration to SOASTA 14

This release increases the maximum image size to 500k from 1k.

56841: Result export for Basic .CSV Bytes Sent and Bytes Received are reversed

The Bytes Sent and Bytes Received data were unexpectedly reversed in a CSV export from the Fundamentals widget.

55830: "Cannot read property 'type' of undefined" script error in mPulse

An error occurred in the Metrics by Dimension widget in an mPulse Dashboard.

56709: "Cannot call method 'removeAttribute' of null" script error in mPulse

This error occurred in an mPulse Dashboard after switching to another application and then returning to Chrome.

56708: "row is null; JS line 838" script error in mPulse

This schema error occurred in an mPulse Dashboard.

55289: Cannot register iOS 7 devices [[requires new TouchTestDriver](#)]

This Device Agent registration error was fixed by not using cookies for Safari and iOS preferences communication; now, an URL query parameter is used instead of a cookie.

Build 6472.5



Upgrading to this version will require upgrading TouchTest Driver in all apps. For TouchTest Driver upgrade steps, click [here](#).

Bugs Fixed

56777: include collections rate in CSV and report generation

The output values for Collections Rate were not included in CSV export or report generation.

56759: Seed value for generated property values of type random doesn't vary by enough

Maestro ensures that each virtual user that is generating random property values gets a different seed. However, although the seeds were different, they were not sufficiently unique when used as a random object(s) in a composition that was run multiple times (e.g. eventually the same values would reappear).

56397: MATT fail when parsing custom_rules.xml

The Make App Touch-Testable will now give a better error message if it fails to parse custom_rules.xml file in a given project.

56390: App exits and device returns to TouchTest Agent [[requires new TouchTestDriver](#)]

If a testable app crashes while recording, future attempts to record may fail.

56292: Script not showing compile error and says "Saving" forever

Using a try without a catch would cause the Script Editor to fail with this error.

56282: DNS lookups failing with "java.nio.channels.ClosedByInterruptException"

While stopping a composition, some DNS lookups would fail internally with this exception. Since the composition is stopping, these are now suppressed.

56276: "Address already in use" errors when browsing the UI

This error would occur because some connections were not being closed after SOAP requests.

56194: MATT: Tiapp.xml file is overwritten when configuring for multiple devices

The Tiapp.xml file was overwritten while configuring a Titanium project supporting both iOS and Android and also creating the mobileAppObject.

56187: waitForViewChange recording error

Multiple waitForViewChange wait actions were unexpectedly recorded but only one is allowed. Now, only one will be recorded for a given action as expected.

56186: Using wizard to generate Switch property based on a Transaction fails

Using the Property Chooser wizard to set a custom property on a Switch from an existing Transaction custom property failed to generate output that works.

56116: "400 Bad Request" error when trying to create an object using the Repository REST API

An unexpected HTTP 400 error would occur while trying to create an object via the Repository REST API.

56008: Recording a pinch crashes the testable app [[requires new TouchTestDriver](#)]

Performing a pinch action would crash the app, dropping the user back at the TouchTest Agent screen.

55954: Dynamic ramp takes a long time if there are lots of servers

In environments that were made up of more than 100 servers, the Virtual User Ramp Controller would become very slow.

55904: TouchTest Web Touch Locator not recording locator [[requires new TouchTestDriver](#)]

Attempts to use the Touch Locator tool while editing a mobile web test clip would fail to produce the expected result.

55850: Cookies not handled properly when the query string includes a "/" character

A trailing slash that was part of the query string for a given cookie was not correctly extracted.

55863: Parallel renewal with repeat count of 1 causes improper inheriting of property values

If an item is set to repeat in parallel with a repeat count of exactly 1 and with repeat renewal enabled, then subsequent renewals of that 1 repeat erroneously inherited the Custom Property values of the prior renewal.

55792: Error message returned from Maximum Image Size is missing how to solve the error

The MakeAppTouchTestable utility will now post a reference to the CloudLink article, [How do I resolve the MakeAppTouchTestable "Exception while creating image object" error?](#)

55645: Can't find variable: oRefTypeImage; JS line 51

This Custom Property variable error occurred in CloudTest Lite.

55140: Extra text null added to validations [\[requires new TouchTestDriver\]](#)

The TouchTest Driver unexpectedly added a null to validations in some circumstances.

Build 6367.129

Bugs Fixed

56194: MATT: Tiapp.xml file is overwritten when configuring for multiple devices

The Tiapp.xml file was overwritten while configuring a Titanium project supporting both iOS and Android and also creating the mobileAppObject.

56142: Page Views is overflowing into the Sessions counter

The Page Views section of a summary chart overflowed its boundary.

56046: WebUI Recoding extra "link="

WebUI recording unexpectedly added an extra link= in the object identifier. For example if the identifier was supposed to be link=Store, the result would be link=link=Store.

55999: APP 360: SOASTA Tenant values overrode org_id

The tenant Appcelerator org_id was unexpectedly overridden by SOASTA tenant values.

55896: ISSEs that refer to transactions with a colon in their name generate "invalid substitution specification" error

Colons in transaction names are now handled as expected.

55867: Message description being set to "SOASTA_EMPTY"

After renaming a message in Clip Editor, List view, inspecting it in the lower panel revealed its description text was set to "SOASTA_EMPTY."

55848: Deleting several targets exceeds maximum URL length

Target removal would unexpectedly produce this error, after which the session would become unresponsive.

55672: Session Template Package Wizard Never finishes on Berlinetta Update 8

Running the Session Template Package Wizard on a given clip would never complete.

55392: Unable to start recording apps in CloudTest (Record button is disabled)

If the default selected device was not Connected when the Choose a Device Agent box launched, choosing a device with Connected status before the apps loaded would prevent the Record button from becoming active.

Cloud Service: Default monitors created for grids will now include HTTP requests/sec

Default monitors will now automatically include the HTTP Requests per Second metric.

Build 6367.126

Bugs Fixed

55862: Can't dynamically ramp a Track that starts with repeat count zero

Legacy code from when ramp up was precluded in a Track that started with a repeat count of zero prevented use of the Virtual User Ramp Controller.

55841: Uncaught TypeError: Cannot call method 'setAttribute' of null; JS line 1525

Additional null check code was added on the Dashboard Edit Mode to detect further occurrences of this issue.

55804: setStepper doesn't show parameters in expanded clip editor

The parameters of an action didn't appear as expected in the expanded Clip Editor, List view, although they did display in the Clip Editor lower panel.

55730: Tenant drop-down needs Max Width

The Tenant drop-down lacked a Maximum Width, which resulted in a garbled display when a very long name was encountered.

55677: Property unable to be set because of scope, but ONLY on the 2nd time through

A scope error would occur while setting a property for the second time.

55671: Number in Password prevents tenant switching

A password that included a number unexpectedly prevented a user from switching tenants.

54174: IOS Device Mismatch Error after MATT [[Requires new TouchTestDriver](#)]

A device mismatch error occurred due to an underlying compression error after applying the MakeAppTouchTestable utility to a project. Now, TouchTestDriver will send the data un-compressed if compression fails for some reason.

Build 6367.118

Bugs Fixed

55723: TTW Browser crashes using Touch Locator [[Requires new TouchTest Web](#)]

The TouchTest Web browser would crash when invoking the Touch Locator tool.

55696: Data Template in Tenant Editor is empty

The data template for tenant creation in mPulse was unexpectedly empty. Now, this dialog box is populated with the default template information.

55693: Missing field validation in Tenant editor for Max users

The mPulse tenant requirement for maximum number of users (e.g. Max Users) wasn't enforced as expected. Now, the dialog will prompt the user if Max Users isn't entered.

55571: UI lets you customize existing dashboards when "Can create dashboards" is false

The "Can create dashboards" privilege granted by the Tenant Admin wasn't enforced as expected. Additionally, this field is now labeled "Allow custom dashboards."

Build 6367.116

Bugs Fixed

55381: Unable to import Mobile Apps using obfuscated scommand

An attempt to upload a mobile app via a Jenkins CI script using scommand would unexpectedly fail.

49829: Auto login failed error when trying to connect device to CloudTest instance

An attempt to connect to the CloudTest server in mobile Safari would result in this "TouchTest Agent Auto Login failed" error.

Added "SCommand QC Integration VB Script" to downloads section in Welcome page

The integration script for HP Quality Center is now available on the CloudTest, Welcome page, Downloads section (as described in the [TouchTest for Quality Center Tutorial](#)).

Build 6367.113

Bugs Fixed

55420: MATT is unable to configure custom_rules file in a custom directory

The MakeAppTouchTestable utility can now configure the custom_rules file in a custom directory.

Build 6367.110

Bugs Fixed

55375: Add TouchTest Agent and TouchTest Web Android apps to Welcome Page in CloudTest

The TouchTest Agent and TouchTest Web Android apps are now available via the CloudTest, Welcome page, Downloads section rather than via the Google Play Store.

55300: Consecutive NPEs in logs for "no data" dashboard

Consecutive null pointer exceptions would occur during creation of a Berlinetta dashboard.

55260: Clip editor auto capture screenshot timing error

A timing error occurred that would sometimes prevent auto-capture of screenshots.

54305: Action name in expanded clip editor

The Action name will now appear across the expanded row for a given action.

50918: MATT process breaks WordPress iOS App

The MakeAppTouchTestable utility will now support and preserve Linker Flags inherited from baseConfigurationReference files.

Build 6367.107

Bugs Fixed

55288: A single Script using multiple Custom Modules only actually uses the first module when played

A single Script referring to multiple Custom Modules only actually used the first module when played.

55262: Deleting a tenant as a tenant admin does not clean up Results Service objects

Results Service objects didn't also delete related objects such as domains, results, and monitors.

55252: Uncaught TypeError: Cannot read property 'style' of null; JS line 11452

This JavaScript error happened in the mPulse Globe dashboard.

55130: Duplicating a System Dashboard when in Composition Play or Results tab caused a JavaScript error

An attempt to clone a system dashboard using the approved method unexpectedly failed.

55124: Null check if supplied filter isn't valid

Additional null checking code has been added to detect further occurrences of this issue.

55090: Can't Revoke a Device Agent from Device Clouds Section

A user with privileges was unable to revoke a Device Agent (using the Cenral, Device Clouds list).

54925: Changing action from tap to pan loses the Locator

Changing an action from tap to pan would cause the Locator to disappear if the lower panel Action Editor was open. Minimizing the panel would reveal the locator once again, but the Locator wouldn't display if the panel was open.

54919: Renaming screenshot validation fails

After adding a screenshot validation using id= as a locator, changing the resulting default name of a verifyScreenshot would cause this error.

Build 6367.98

Bugs Fixed

55175: TouchTest iOS registration fails when the server's host name starts with "touchtest"

This error occurred on a server whose name began with the name TouchTest.

55001: Error when trying to sort device agents

An error occurred while trying to sort in the Device Agents list.

54960: MATT should fail if Android app is not ready for either Eclipse or Ant build

The MakeAppTouchTestable utility will now fail gracefully if the Android project does not support an Eclipse build as well as an Ant build.

54834: JS error while recording app actions (Cannot read property 'src' of undefined)

This JavaScript error occurred while recording app actions.

54830: Cannot call method 'insertSupplementScreenshot' of null

A regression occurred which prevented insertion of a screenshot.

54780: w is undefined; JS line 1421

This script error occurred when dragging comments in the Clip Editor.

54687: MakeAppTouchTestable: Unexpected error, cannot proceed. Unable to find AppDelegate file

Fixed the error message in case of AppDelegate file not being found. We now tell the user about the existence of -appdelegatefile argument in the MakeAppTouchtestable utility.

49016: 'FlowControl' is undefined; JS line 1

Various undefined errors occurred in the Result Details dashboard in Internet Explorer.

Build 6367.94

Bugs Fixed

54997: Locators parsing error by Android TTD on wait/output [[Requires new TouchTest Driver](#)]

An Android locator parsing error occurred.

54817: MakeAppTouchTestable does not respect launchURL argument for Titanium apps

The MATT utility failed to correctly use the launchurl argument for Titanium apps.

54814: Cannot read property 'type' of undefined

This error occurred while trying to add permissions to an existing object.

54808: Unable to start a device monitor

Due to an error in the underlying layer, mobile monitoring unexpectedly failed.

54576: Inverted "Collections Completed" chart

The chart appeared upside down in a generated report.

54573: Dynamic Ramp: changing hold state doesn't enable Apply button

The Virtual User Ramp Controller's Apply button didn't become active when a user changed the hold state of a slider but did no other modifications.

54478: "Insufficient privileges" error while trying to start a monitor using Conductor

After installing a new Conductor, successfully creating and testing a monitor group using that Conductor, this Insufficient Privileges error occurred when trying to use it.

Device stuck in CONNECTED status

The TouchTest Agent on a given device became stuck in Connected state.

Build 6367.83

Bugs Fixed

54572: Editing target by uploading a certificate and then trying to enter password throws error

Revising a target to include a client-side certificate caused this error upon entering the password.

54477: this.m_oSliders is undefined; JS line 9918

Added a check for if the sliders have been initialized to the server callback handling function, before the check was only done before a server call was made.

54464: Parsing version numbers failed [\[Requires new TouchTestDriver\]](#)

If the Titanium module directory contained a sub-directory other than the version directory, parsing of the version numbers failed. Now, the error is caught, the directory is skipped, and the test continues.

54401: Composition Editor Display: Pacing checkbox reverts to unchecked

The issue had to do with when the random rate inputs were being enabled. The code used to enable the constant input first, then switch to random, but the code checks the enablement of the random inputs to see whether it is indeed set to random, so it saw no constant setting and a disabled random setting which resulted in the corresponding pacing/inter-repeat delay checkbox to be unchecked. The fix was to enable the correct set of inputs all the time.

54240: isAccessible failing for an ID on Android. [\[requires new TouchTestDriver\]](#)

An id underlying a tap would fail in an Android app because although it was present in the Xml Hierarchy, Android XML was not including it in the TableView IDs. This is now handled.

54184: Negative server hours in Grid Manager

The Grid Manager unexpectedly displayed server time as a negative number.

54095: Keyboard return events not working as expected [[requires new TouchTest Driver](#)]

Titanium apps will now support Keyboard return events with the keyEvent value of 3.

TouchTest Web failure when absolute is specified in CSS class name

TouchTest Web would fail if the site in display used an absolute in a Cascading Style Sheet (CSS) class name.

Build 6367.73

Bugs Fixed

54303: mPulse dashboard error if there are no domains defined

If no mPulse domains had been created this error would occur in the Domains drop-down.

54301: Cannot call method 'getId' of undefined

This error would occur if the user added a browser or app action, expanded the List view, and then clicked Undo.

54285: Y axis of Page Load chart shows 1s but should be at 2

The min value was not being forced to be an increment of the min interval and would throw off the chart. Before this fix the value of a point would not line up with the Y axis label for narrow spreads.

54252: Load Time by Minute is truncated after migrating to Berlinetta

Using the Time Zone widget filter produced unexpected results after migrating to Berlinetta.

54192: Allow ByMinute Aggregate to be turned off

The ability to turn off the By Minute aggregate processing of beacons has been added for this release.

54180: Android build does not record from keypad for location

TouchTest was unable to record types from TIUISearchBar.

54179: Error during Test execution

There was an old line of code that referenced Composition, which is not loaded if you go straight to the play tab. This is in some error handling code that happens when there is a break in communication between the client and server, so something did happen to cause this part of code to be hit, but now you should see a "Play Failed" message instead of this error.

54156: App crashes when adding screenshot validation [[requires new TouchTest Driver](#)]

The app would crash if verifyScreenshot validation was set and the user then clicked Touch Locator and capture screenshot.

54150: iOS TTD freezes when recording placeholder [[requires new TouchTest Driver](#)]

The TouchTestDriver for iOS would briefly (e.g. 1s) freeze the main thread of an app while recording a placeholder.

54148: Italia iOS TTD null as locator [[requires new TouchTest Driver](#)]

The Locator tool did not show the recorded locator (text=(null)) because textStartsWith and textEndsWith properties were getting saved with the selected strategy "text" when set from recursion.

54129: Right-side label should be "Page Views" not "Page Load"

The Load Time vs. Page Views widget unexpectedly presented "Page Load" as its right-side label.

54112: storeElementPropertyValue does not capture the elements on Android

TouchTest was unable to call the getTouchTestID() method on subclasses of TTNativeElement.

54082: 100% CPU + Massive Memory Utilization

Displaying messages in the Result Details dashboard's Cover Flow would take inordinately long in a very large test.

53943: Time scale missing on vertical axis

The vertical time scale was missing on some CloudTest charts.

53653: Grid launch looked incorrect, but worked

The Grid's server check was incorrectly failing on a build mismatch error because it was comparing the wrong build number.

53261: Swizzling UIApplicationDelegate.didFinishLaunchingWithOptions to return YES validation [[requires new TouchTest Driver](#)]

Support for swizzling has been added. This is required for iOS to call openURL().

53147: The clip element 'd50cb908-a883-48e8-a761-8034ac9e4849' does not exist

There was a window when the UI wasn't blocked after the user clicked to delete a target from the Clip Editor.

52000: this.m_oExpression is undefined; JS line 2062

This error would occur if the user opened an If or Switch in the lower panel, and then switched from icon to list mode (or vice versa).

49234: Starting a Grid with zero Maestros defined at a Location causes null pointer exception

A null pointer exception would occur if Grid start occurred when there were no locations.

Build 6367.58

Bugs Fixed

54146: NPE in Fundamentals when using Collections Rate

This null pointer exception occurred in the Fundamentals widget while using the Collections Rate metric.

54143: Error keys not sufficient with large numbers of servers

Error IDs were coming out as Other when the number of servers was very large.

54142: "Edit Advanced Settings" and the enablement of those settings gets out of sync

The Composition Editor lower panel Play Settings tab, Edit Advanced Settings checkbox wasn't getting unchecked when the other checkboxes were disabled.

54133: Unable to start monitor, mobile app not configured

Mobile Apps list in Monitor Dashboard will work with Device Agent exclusion list principle.

54069: Globe widget does not maximize correctly

The Globe widget didn't maximize to use the entire dashboard space available.

54044: DOM Loading scale should be millisecond

The Geography widget's DOM loading scale is now shown as milliseconds.

54043: Customer IOS keypad Tap and Type invokes the keypad twice [\[requires new TouchTest Driver\]](#)

In a project that lacked the code that commonly detects if the keyboard is already open when an action attempts to invoke it, playback would fail.

Now, a condition has been added on the type app action that will request a keyboard display only if the keyboard is not displayed.

53985: Importing object with Access Control List (ACL)

An ACL error occurred wherein the order of ACL entries mattered on which ACL (tenant or user) took precedence.

53925: Maximum virtual users per server being interpreted incorrectly

Maestro incorrectly interpreted the "Maximum Virtual Users per Server" field in the Virtual User Ramp Controller's Track Distributions section as the total maximum across all servers for that Distribution.

53893: Filing Fogbugz cases in case of MATT failure

The MakeAppTouchTestable utility will now file bug reports in the event of a failure.

53892: Custom Rules file is not always present in every build

The MakeAppTouchTestable command will now fail with a useful error if the build.xml file does not contain an import task for the custom_rules.xml file.

53842: Cannot call method 'getAttribute' of undefined

This widget logic error occurred while viewing an mPulse Dashboard.

53762: Can't combine performance by minute charts with various timers

When combining performance by minute charts that have filters such as page group or timers, filters were lost in the process. This meant users were unable to see multiple timers or multiple pages in one widget.

53644: Configure STALE-WHILE-REVALIDATE and STALE-IF-ERROR

As of this release, proxies and browsers will use stale cache while revalidating or on error.

53502: TouchTestable Droidfish is recording only menu presses, no actual moves on chessboard [\[requires new TouchTest Driver\]](#)

After making Droidfish touchtestable, only menu presses and no actual chess moves were recorded.

53359: Android app not recording

The Post_Compile task was not run by Eclipse giving the illusion of a successful post_compile step.

52986: Tried disabling the "Create snapshot on tear down" checkbox when my environment was running

This error occurred while an environment was running and the user checked "Create snapshot on Tear Down."

52461: iOS/Android touch locator: show in priority the views with ID [\[requires new TouchTest Driver\]](#)

If a view without a touchTestID was on the top of one with an ID then it was not shown by the intended priority. Now, a tolerance of 20px is used to resolve the closest views (parent/direct child) that have touchTestIDs.

52269: Central->Cloud->Reserved IP Addresses: Sorting By Any Column Does NOT Change Sort Tip Element

Sorting in the Reserved IP Addresses list didn't update the sort column as expected.

51927: Can't revert to Load mode after doing custom changes

The issue was that when the play mode button was set to show "Custom", internally it still was set to "Load", so when you select load again nothing happens because the handlers fire on change, and nothing had changed. The fix was to update the internal state as well as the display.

51866: Uncaught TypeError: Cannot read property 'm_strWindowFitType' of null; JS line 8450

Additional null checking has been added to detect further occurrences of this likely timing error.

50422: Uncaught TypeError: Cannot read property 'className' of null; JS line 1290

Additional DOM null checking has been added to detect this likely timing error.

47681: Composition Editor Properties width cannot be resized

Rather than make the tree/pane border resizeable, tip text has been added to the items in the Composition Editor, Property tree. As a result, the whole name of an item in the tree can be seen by mouseover on the item(s).

