

Mobile Real User Monitoring Notes

On this page:

- 4.5.9 Updates
- 5.1 Android Agent Update
- 50.1 iOS Agent Update
- 4.5.8 Updates
- Mobile Agent Updates - March 21, 2019
- 50.0 iOS Agent Update
- 4.5.7 (Mobile Agent) Updates
- 4.5.6 HF1 (iOS Agent) Updates
- 4.5.6 (Mobile Agent) Updates
- 4.5.6 (iOS Agent) Updates
- 4.5.6 (Xamarin Agent) Updates
- 4.5.5 (Android Agent) Updates
- 4.5.5 (iOS Agent) Updates
- 4.5.2 (Android Agent) Updates
- 4.5.2 (iOS Agent) Updates
- 4.5.1 HF1 Updates
- 4.5.1 Updates
- 4.5.0 Updates

The following notes describe 4.5.x updates to Mobile Real User Monitoring, which includes the Mobile RUM Agents.

If an artifact has been updated, the version number of the updated artifact and its availability date are listed below. The version number corresponds to that shown on the download portal (<http://download.appdynamics.com>).

The most recent releases appear at the top of the page.

4.5.9 Updates

April 22, 2019

The Mobile RUM Pro and Lite Edition licenses provide free crash reporting for 2 million agent installations. The Mobile RUM Pro edition license also provides crash reporting for allocated monthly agents.

Resolved Issues

Key	Summary
MRUM-4611	License provisioning fails if the Events Service is not configured

5.1 Android Agent Update

Version 5.1.1524 – April 17, 2019

Resolved Issues

Key	Summary
MRUM-4673	Build is failing with Gradle Plugin Version: 3.5.0-alpha07

50.1 iOS Agent Update

Version 50.1.1616 – April 11, 2019

Resolved Issues

Key	Summary
MRUM-4668	The iOS Agent does not detect application not responding (ANR) issues by default, ANR detection needs to be configured manually

4.5.8 Updates

March 25, 2019

Enhancements

- The Network Requests by Region by Region widget on the Mobile Network Requests Analyze page now enables you to zoom in to view city-level data.
- The Mobile Sessions UI has been updated to improve your screen viewing experience. The UI is simplified into separate sections to make it easier to digest session frame information. There are also new icons that represent different session details. See [Mobile Sessions](#).

Mobile Agent Updates - March 21, 2019

The Mobile Agents listed in the table below now enable you to create session frames to name user screens more accurately. The session frames appear in the activity list of the Sessions Details dialog.

You can use the Mobile Agent/Plugin SDKs to name session frames based on the business context for a user flow. For example, you can name several session frames "Login", "Product Section", and "Purchase" to better represent the user activity.

Mobile Agent	Version	Documentation
iOS Agent	50.1.1610	"Start and End Session Frames" (iOS , Android , Cordova , Xamarin)

Android Agent	5.1.1478	
Cordova Plugin	1.8.501	
Xamarin Agent	50.1.1033	

50.0 iOS Agent Update

Version 50.0.1512 – February 26, 2019

Key	Summary
MRUM-4480	iOS Agent crashes during AVAssetDownloadTask

4.5.7 (Mobile Agent) Updates

The iOS Agent, Android Agent, and the Xamarin Agent now use version numbers different from that of the AppDynamics Controller and platform components. This change enables the Mobile Agents to be developed and released more quickly and with greater flexibility.

See [Mobile Agent Version and Deployment Support Matrix](#) to determine the minimum versions of the Controller and EUM Server required for supporting the latest features of the Mobile Agents.

4.5.6 HF1 (iOS Agent) Updates

Version 4.5.6.1494 – February 4, 2019

Resolved Issues

Key	Summary
MRUM-4363	ANR stacktrace generation might cause host to crash

4.5.6 (Mobile Agent) Updates

Enhancements

The Mobile Agents all have APIs to programmatically control when sessions start and end. See "Programmatically Control Sessions" ([Android](#), [iOS](#), [Xamarin](#), [Cordova](#)) for instructions.

Known Issues

The hybrid application monitoring support for the Fetch API calls is disabled to avoid conflicts and errors.

4.5.6 (iOS Agent) Updates

Version 4.5.6.1467 – January 16, 2018

Enhancements

- The iOS Agent will display a warning message if another crash reporting tool is detected. You are recommended to use only one crash reporting tool to optimize the results and avoid conflicts.
- The iOS Agent enables you to configure whether to include stack traces when [reporting errors](#).

4.5.6 (Xamarin Agent) Updates

Version 4.5.6.964 – January 16, 2018

Enhancements

You can now add error reporting for Xamarin applications. This enables you to [report errors and exceptions](#) and set severity levels using the Xamarin SDK.

4.5.5 (Android Agent) Updates

Version 4.5.5.1300 – December 11, 2018

Resolved Issues

Key	Summary
MRUM-4072	Infinite recursion bug on event listener instrumentation

4.5.5 (iOS Agent) Updates

Version 4.5.5.1430 – December 11, 2018

Enhancements

- You can now manually [disable crash reporting for the iOS Agent](#). This enables you to avoid conflicts and optimize crash report results when using other crash reporting tools.

4.5.2 (Android Agent) Updates

Version 4.5.2.1229 – October 9, 2018

Enhancements

- You can now manually and automatically upload DexGuard mapping files for Android. See [Manually Upload Mapping Files](#) and [Automatic Upload Mapping Files](#).
- The `carrier` property attached to network requests and other events will now correctly be the SIM card operator name. This will reduce the number of unique carrier names and work even when the Android device is on Wi-Fi.
- The Android Agent, when configured to provide hybrid support, can monitor single-page monitoring.

Resolved Issues

Key	Summary
MRUM-3678	Filter out duplicate crash reports

4.5.2 (iOS Agent) Updates

Version 4.5.2.1324 – October 9, 2018

Enhancements

- The iOS Agent, when configured to provide hybrid support, can monitor single-page monitoring.

Support Advisory

AppDynamics is ending official support and testing for iOS 6. To ensure that the iOS Agent monitors and reports correctly, you are highly recommended to use iOS 7+.

4.5.1 HF1 Updates

Version 4.5.1.24879 – September 12, 2018

Resolved Issues

Key	Summary
MRUM-3846	Allow users to manually toggle Sessions Enabled property for Mobile v/s Browser RUM

4.5.1 Updates

Version 4.5.1.24447 – September 5, 2018

Resolved Issues

Key	Summary
MRUM3380	iOS ANR triggered with less than 2 seconds inactivity
MRUM-3549	Upload doesn't work when using multidex
MRUM-3725	Xamarin iOS: The beacons for app starts and for crashes are not sent when the application starts

4.5.0 Updates

July 11, 2018

Enhancements

- The new **Code Issues Dashboard** enables you to get trend and detailed information about caught non-fatal exceptions and instances of applications not responding (ANRs). The Android/iOS SDKs enable you to set the severity of caught non-fatal exceptions so that you can filter code issues by severity in **Code Issues Analyze**. See [Code Issues](#) for more information.
- Mobile RUM now provides monitoring support for hybrid applications. You can use Mobile RUM to monitor Cordova-based applications and the WebViews running in native iOS and Android applications. For iOS and Android native applications, the iOS and Android Agents inject the JavaScript Agent into Android WebViews and iOS WKWebViews to enable monitor and collect metrics from the WebViews. For Cordova-based applications, you install the AppDynamics Cordova plugin. See [Hybrid Application Support](#) for more information.

Resolved Issues

Key	Summary
MRUM3379	For some iOS ANRs, the wrong thread is marked as not responding