Garmin Health SDK

*Android Version 2.4.0 Migration Guide*

The transition from 2.3.X to 2.4.X versions of the SDK is a fairly simple one. We have only introduced a single required API changes as part of this migration. A new callback on the *DevicePairedStateListener* interface.

*/\*\*  
 \* Called when a {****@link*** *Device} needs a passkey to re-establish a connection.  
 \** ***@param*** *completion provides method to return passkey to device  
 \*/* @MainThread  
 void onAuthRequested(Device device, AuthCompletion completion);

The onAuthRequested() callback may be triggered in the event that user action leads a Garmin device to become non-authenticated with the Garmin Bluetooth implementation. In the event that this method is called while your app is in the foreground please provide the end-user with an entry box to enter the device code that appears on their Garmin device.

<uses-permission android:name="android.permission.QUERY\_ALL\_PACKAGES" />

This QUERY\_ALL\_PACKAGES permission is now required for all applications that need to access Garmin Connect Mobile state on the remote user device. This includes all Companion SDK apps, and Standard SDK apps that need to check for GCM in order to warn end-users if they install the app inadvertently.

<meta-data  
 android:name="com.garmin.health.suppress\_sync\_on\_reconnect"  
 android:value="false"/>  
 <meta-data  
 android:name="com.garmin.health.keep\_database\_data\_on\_unpair"  
 android:value="false"/>

The following metadata tags are now supported by the Health SDK.

* *suppress\_sync\_on\_reconnect:* When TRUE this tag will attempt to stop reconnecting Garmin devices from syncing immediately after reconnection. This behavior is only supported in the Standard SDK and only for devices that can support the operation.
* *keep\_database\_data\_on\_unpair:* When TRUE this tag will stop logged or synced data from being deleted after a Garmin device is unpaired from the Health SDK. Apps using this tag should take care to delete data periodically to avoid taking up space on end-user devices.

If you have any questions or concerns regarding the new SDK build, please contact Garmin Health SDK Support at [sdksupport@health.garmin.com](mailto:sdksupport@health.garmin.com)