

Comments (7)

Dependencies

Duplicates (0)

Blocking (0)

Resources (1)

Assigned

Bug

P4

+ Add Hotlist

 STATUS UPDATE No update yet.

Edit

 DESCRIPTION na...@gmail.com created issue #1

Jun 7, 2023 06:32PM



Component used: androidx.core.uwb
Version used: uwb:1.0.0-alpha05
Devices/Android versions reproduced on: Pixel 6 Pro Android 13 May 2023 updates for Play / Security


The UWB documentation says:
"When the app moves to background (while the session is ongoing), the app may no longer receive ranging reports. The UWB session will however continue to be maintained in the lower layers. When the app moves back to the foreground, the ranging reports will resume."
We would actually like ranging to continue in the background, even if it is at a reduced rate, but what appears to happen is that it is stopped when the screen is turned off, but when turned back on, the app doesn't get any ranging info and the tracing shows some ranging results that don't reach the App Flow and then it shows a reconfigure and a fatal error in GMS:
:04:54.150 2549-18447 NearbyUWB com.google.android.gms.persistent I UWB session reconfigured
[CONTEXT service_id=49]
2023-06-07 09:04:54.152 2549-18447 AndroidRuntime com.google.android.gms.persistent E FATAL EXCEPTION: highpool[58]

Process: com.google.android.gms.persistent, PID: 2549

java.lang.NullPointerException
at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
at
android.uwb.RangingSession.lambda\$onRangingReconfigured\$5\$android-uwb-RangingSession(RangingSession.java:845)
at
android.uwb.RangingSession\$\$ExternalSyntheticLambda22.run(Unknown Source:4)
at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)
at
java.util.concurrent.ThreadPoolExecutor\$Worker.run(ThreadPoolExecutor.java:637)
at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at java.lang.Thread.run(Thread.java:1012)
Suppressed: dfhy:
2023-06-07 09:04:54.255 2549-18447 DeviceDoctorHandler com.google.android.gms.persistent E FATAL EXCEPTION: highpool[58]

Process: com.google.android.gms.persistent, PID: 2549

java.lang.NullPointerException
at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
at
android.uwb.RangingSession.lambda\$onRangingReconfigured\$5\$android-uwb-RangingSession(RangingSession.java:845)
at
android.uwb.RangingSession\$\$ExternalSyntheticLambda22.run(Unknown Source:4)
at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)

Reporter  na...@gmail.com

Type Bug

Priority P4


Severity S2


Status

Assigned



Access Default access


View

Expanded Access 


Assignee  na...@gmail.com

Verifier --

Collaborators 

CC 

an...@google.com
na...@gmail.com
rp...@google.com




AOSP ID --

Estimate --

Found In --

Targeted To --

Verified In --

In Prod 

Show 1 additional field 

```
at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:637)
at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at java.lang.Thread.run(Thread.java:1012)
Suppressed: dfhy:
```

If we then try and stop ranging, we get a fatal exception that ranging isn't running:

```
2023-06-07 09:05:13.003 18488-18635 NearbyUWB      com.google.android.gms.persistent  W UWB
stopRanging called without an active session. {bihn@f9c235d} [CONTEXT service_id=49 ]
2023-06-07 09:05:13.011 18230-18230 AndroidRuntime  com.example.app                    E FATAL
EXCEPTION: main
```

```
Process: com.example.app, PID: 18230
java.lang.IllegalArgumentException: Illegal api call
```

was received.

```
at
androidx.core.uwb.helper.UwbHelperKt.handleApiException(UwbHelper.kt:43)
```

Below is the full UWB trace, although we would appreciate that you fix your over enthusiastic "(REDACTED)" tracing from NearBy UWB which is reacting everything even when it can't remotely be considered sensitive information, which you introduced in a Play update last month...

```
2023-06-07 09:04:52.735 2549-4335 Uwb.Rangin...n@4c86b98] com.google.android.gms.persistent  V
onRangingResult - sessionHandle: SessionHandle [id=1, package-name: com.google.android.gms, uid: 10104,
pid: 2549]
2023-06-07 09:04:52.735 2549-15871 NearbyUWB      com.google.android.gms.persistent  I (REDACTED)
UWB Ranging Data from peer %s Status %s
2023-06-07 09:04:52.736 2549-15871 NearbyUWB      com.google.android.gms.persistent  I (REDACTED)
dist=%.2f (conf=%.2f), azimuth=%.2f (conf=%.2f), elevation=%.2f (conf=%.2f)
2023-06-07 09:04:52.739 18230-18230 MainActivity  com.example.app                    D UWB position for
device: 69:73 azimuth: 35.71875 elevation: 0.0 distance: 0.68
2023-06-07 09:04:52.971 950-950 qorvo.uwb.uwbmac  android.hardware.qorvo.uwb.service I
report_nl_cb
2023-06-07 09:04:52.972 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: session notification callback.
2023-06-07 09:04:52.972 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class
com/android/server/uwb/data/UwbTwoWayMeasurement
2023-06-07 09:04:52.973 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class
com/android/server/uwb/data/UwbRangingData
2023-06-07 09:04:52.973 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: callback onRangeDataNotificationReceived
2023-06-07 09:04:52.973 1542-2749 NativeUwbManager system_server                      D
onRangeDataNotificationReceived : UwbRangingData { SeqCounter = 91, SessionId = 1, RcrIndication = 0,
CurrRangingInterval = 240, RangingMeasuresType = 1, MacAddressMode = 0, NoOfRangingMeasures = 1,
RangingTwoWayMeasures = [UwbTwoWayMeasurement { MacAddress = 7369, RangingStatus = 0, NLoS = 0,
Distance = 74, AoaAzimuth = 35.023438, AoaAzimuthFom = 80, AoaElevation = 0.0, AoaElevationFom = 0,
AoaDestAzimuth = 0.0, AoaDestAzimuthFom = 0, AoaDestElevation = 0.0, AoaDestElevationFom = 0, SlotIndex =
0x00000000, RSSI = -94}], RawNotificationData = [98, 0, 0, 56, 0, 0, 0, 91, 0, 0, 0, 1, 0, 0, 0, 0, -16, 0, 0, 0, 1, 0, 0, 0,
0, 0, 0, 0, 0, 0, 1, 115, 105, 0, 0, 74, 0, -125, 17, 80, 0, 0, 0, 0, 0, 0, 0, 0, -68, 0, 0, 0, 0, 0, 0, 0, 0, 0]}
2023-06-07 09:04:52.975 2549-4335 Uwb.Rangin...n@4c86b98] com.google.android.gms.persistent  V
onRangingResult - sessionHandle: SessionHandle [id=1, package-name: com.google.android.gms, uid: 10104,
pid: 2549]
2023-06-07 09:04:52.975 1542-2749 UwbSessionNotiManager system_server                      I
IUwbRangingCallbacks - onRangingResult
2023-06-07 09:04:52.976 2549-15871 NearbyUWB      com.google.android.gms.persistent  I (REDACTED)
UWB Ranging Data from peer %s Status %s
2023-06-07 09:04:52.976 2549-15871 NearbyUWB      com.google.android.gms.persistent  I (REDACTED)
dist=%.2f (conf=%.2f), azimuth=%.2f (conf=%.2f), elevation=%.2f (conf=%.2f)
2023-06-07 09:04:52.980 18230-18230 MainActivity  com.example.app                    D UWB position for
device: 69:73 azimuth: 35.023438 elevation: 0.0 distance: 0.74
2023-06-07 09:04:53.197 2549-17709 NearbySharing  com.google.android.gms.persistent  I Disabling
Uwb when the screen is locked to save on battery power [CONTEXT service_id=194 ]
2023-06-07 09:04:53.198 2549-15871 NearbyUWB      com.google.android.gms.persistent  I (REDACTED)
Screen unlocked: %s
2023-06-07 09:04:53.201 950-950 qorvo.uwb.uwbmac  android.hardware.qorvo.uwb.service I
report_nl_cb
2023-06-07 09:04:53.202 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: session notification callback.
2023-06-07 09:04:53.202 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class
com/android/server/uwb/data/UwbTwoWayMeasurement
2023-06-07 09:04:53.202 1542-2749 uwb          system_server                      D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class
com/android/server/uwb/data/UwbRangingData
```

[illegible]

	0, 0, 0, 0, 0, 1, 115, 105, 33, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0}				
2023-06-07 09:04:53.682	1542-2749	UwbSessionNotiManager	system_server	I	
UwbRangingCallbacks - onRangingResult					
2023-06-07 09:04:53.682	2549-2702	Uwb.Rangin...n@4c86b98]	com.google.android.gms.persistent	V	
onRangingResult - sessionHandle: SessionHandle [id=1, package-name: com.google.android.gms, uid: 10104, pid: 2549]					
2023-06-07 09:04:53.683	2549-15871	NearbyUWB	com.google.android.gms.persistent	I	(REDACTED)
UWB Ranging Data from peer %s Status %s					
2023-06-07 09:04:53.921	950-950	qorvo.uwb.uwbbmac	android.hardware.qorvo.uwb.service	I	
report_nl_cb					
2023-06-07 09:04:53.921	1542-2749	uwb	system_server	D	
uwb_uci_jni_rust::notification_manager_android: UCI JNI: session notification callback.					
2023-06-07 09:04:53.922	1542-2749	uwb	system_server	D	
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class					
com/android/server/uwb/data/UwbTwoWayMeasurement					
2023-06-07 09:04:53.922	1542-2749	uwb	system_server	D	
uwb_uci_jni_rust::notification_manager_android: UCI JNI: find local class					
com/android/server/uwb/data/UwbRangingData					
2023-06-07 09:04:53.922	1542-2749	uwb	system_server	D	
uwb_uci_jni_rust::notification_manager_android: UCI JNI: callback onRangeDataNotificationReceived					
2023-06-07 09:04:53.922	1542-2749	NativeUwbManager	system_server	D	
onRangeDataNotificationReceived : UwbRangingData { SeqCounter = 95, SessionId = 1, RcrIndication = 0, CurrRangingInterval = 240, RangingMeasuresType = 1, MacAddressMode = 0, NoOfRangingMeasures = 1, RangingTwoWayMeasures = [UwbTwoWayMeasurement { MacAddress = 7369, RangingStatus = 33, NLoS = 0, Distance = 0, Aoazimuth = 0.0, AoazimuthFom = 0, Aoaelevation = 0.0, AoaelevationFom = 0, Aoadeatazimuth = 0.0, AoadeatazimuthFom = 0, Aoadelevation = 0.0, AoadelevationFom = 0, SlotIndex = 0x00000000, RSSI = 0}], RawNotificationData = [98, 0, 0, 56, 0, 0, 0, 95, 0, 0, 0, 1, 0, 0, 0, 0, -16, 0, 0, 0, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1, 115, 105, 33, 0] }					
2023-06-07 09:04:53.922	1542-2749	UwbSessionNotiManager	system_server	I	
UwbRangingCallbacks - onRangingResult					
2023-06-07 09:04:53.922	2549-2702	Uwb.Rangin...n@4c86b98]	com.google.android.gms.persistent	V	
onRangingResult - sessionHandle: SessionHandle [id=1, package-name: com.google.android.gms, uid: 10104, pid: 2549]					
2023-06-07 09:04:53.923	2549-15871	NearbyUWB	com.google.android.gms.persistent	I	(REDACTED)
UWB Ranging Data from peer %s Status %s					
2023-06-07 09:04:54.144	1542-1875	UwbSessionManager	system_server	I	App state change.
IsFg: false. Reconfiguring session ntf control					
2023-06-07 09:04:54.144	1542-1875	UwbSessionManager	system_server	I	reconfigure() -
Session ID : 1					
2023-06-07 09:04:54.144	1542-1875	UwbSessionManager	system_server	I	reconfigure() -
update reconfigure params:					
com.android.x.uwb.com.google.uwb.support.fira.FiraRangingReconfigureParams@48b47da					
2023-06-07 09:04:54.145	1542-1875	UwbSessionManager	system_server	D	
SESSION_RECONFIG_RANGING					
2023-06-07 09:04:54.146	1542-18457	UwbConfManager	system_server	D	
setAppConfigurations for protocol: fira					
2023-06-07 09:04:54.146	1542-18457	uwb	system_server	D	
uwb_uci_jni_rust::uci_jni_android_new:					
Java_com_android_server_uwb_jni_NativeUwbManager_nativeSetAppConfigurations: enter					
2023-06-07 09:04:54.146	1542-2744	uwb	system_server	D	
uwb_core::uci::uci_manager: Received cmd: SendUciCommand { cmd: SessionSetAppConfig { session_id: 1, config_tlvs: [AppConfigTlv { cfg_id: RngDataNtf, v: [0] }] } }					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....nd_manager	android.hardware.qorvo.uwb.service	I	
uci_backend_manager_session_set_app_config: MT/GID/OID 2103 CMD					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....ckend_fira	android.hardware.qorvo.uwb.service	I	
uci_backend_fira_session_set_app_config: MT/GID/OID 4103 CMD					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....ckend_fira	android.hardware.qorvo.uwb.service	I	
uci_backend_fira_session_set_app_config: session_id=1					
2023-06-07 09:04:54.147	950-950	qorvo.uwb.fira_helper	android.hardware.qorvo.uwb.service	I	call_fira:
call_id 10 session_id 1					
2023-06-07 09:04:54.147	950-950	qorvo.uwb.uwbbmac	android.hardware.qorvo.uwb.service	I	
report_nl_cb					
2023-06-07 09:04:54.147	950-950	qorvo.uwb.uwbbmac	android.hardware.qorvo.uwb.service	I	
ack_handler					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....ckend_fira	android.hardware.qorvo.uwb.service	I	
uci_backend_fira_session_set_app_config: mac_state=2					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....ckend_fira	android.hardware.qorvo.uwb.service	I	
uci_backend_fira_session_set_app_config: uci_state=2					
2023-06-07 09:04:54.147	950-950	qorvo.uwb.uwbbmac	android.hardware.qorvo.uwb.service	I	
ack_handler					
2023-06-07 09:04:54.147	950-950	qorvo.uwb....ckend_fira	android.hardware.qorvo.uwb.service	I	
uci_backend_fira_session_set_app_config: MT/GID/OID 4103 RSP 0					
2023-06-07 09:04:54.149	1542-18457	UwbConfManager	system_server	I	
setAppConfigurations respData: UwbConfigStatusData { status = 0 length = 0, tlvs = [] }					
2023-06-07 09:04:54.149	1542-18457	UwbSessionNotiManager	system_server	I	
UwbRangingCallbacks - onRangingReconfigured					
2023-06-07 09:04:54.149	1542-18457	UwbSessionManager	system_server	D	Multicast update

```
status: 0
2023-06-07 09:04:54.149 2549-4116 Uwb.Rangin...n@4c86b98] com.google.android.gms.persistent V
onRangingReconfigured - sessionHandle: SessionHandle [id=1, package-name: com.google.android.gms, uid:
10104, pid: 2549]
2023-06-07 09:04:54.150 2549-18447 NearbyUWB com.google.android.gms.persistent I UWB
session reconfigured [CONTEXT service_id=49 ]
2023-06-07 09:04:54.152 2549-18447 AndroidRuntime com.google.android.gms.persistent E FATAL
EXCEPTION: highpool[58]

Process: com.google.android.gms.persistent, PID:
2549

java.lang.NullPointerException
at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
at
android.uwb.RangingSession.lambda$onRangingReconfigured$5$android-uwb-
RangingSession(RangingSession.java:845)
at
android.uwb.RangingSession$$ExternalSyntheticLambda22.run(Unknown Source:4)
at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)
at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:637)
at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at java.lang.Thread.run(Thread.java:1012)
Suppressed: dfhy:
2023-06-07 09:04:54.255 2549-18447 DeviceDoctorHandler com.google.android.gms.persistent E FATAL
EXCEPTION: highpool[58]

Process: com.google.android.gms.persistent, PID:
2549

java.lang.NullPointerException
at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
at
android.uwb.RangingSession.lambda$onRangingReconfigured$5$android-uwb-
RangingSession(RangingSession.java:845)
at
android.uwb.RangingSession$$ExternalSyntheticLambda22.run(Unknown Source:4)
at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)
at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:637)
at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
at java.lang.Thread.run(Thread.java:1012)
Suppressed: dfhy:
2023-06-07 09:04:54.499 1542-3758 UwbSessionManager system_server I binderDied :
getSessionId is getSessionId() 1
2023-06-07 09:04:54.501 1542-3758 uwb system_server D
uwb_uci_jni_rust::uci_jni_android_new:
Java_com_android_server_uwb_jni_NativeUwbManager_nativeSessionDeinit: enter
2023-06-07 09:04:54.501 1542-2743 uwb system_server D
uwb_core::uci::uci_manager: Received cmd: SendUciCommand { cmd: SessionDeinit { session_id: 1 } }
2023-06-07 09:04:54.502 950-950 qorvo.uwb....nd_manager android.hardware.qorvo.uwb.service I
uci_backend_manager_session_deinit: MT/GID/OID 2101 CMD
2023-06-07 09:04:54.502 950-950 qorvo.uwb....ckend_fira android.hardware.qorvo.uwb.service I
uci_backend_fira_session_deinit: MT/GID/OID 4101 CMD
2023-06-07 09:04:54.502 950-950 qorvo.uwb.fira_helper android.hardware.qorvo.uwb.service I call_fira:
call_id 10 session_id 1
2023-06-07 09:04:54.502 950-950 qorvo.uwb.uwbmac android.hardware.qorvo.uwb.service I
report_nl_cb
2023-06-07 09:04:54.502 950-950 qorvo.uwb.uwbmac android.hardware.qorvo.uwb.service I
ack_handler
2023-06-07 09:04:54.502 950-950 qorvo.uwb....ckend_fira android.hardware.qorvo.uwb.service I
uci_backend_fira_session_deinit: MT/GID/OID 4101 RSP 0
```


2023-06-07 09:04:54.502 950-950 qorvo.uwb.fira_helper android.hardware.qorvo.uwb.service I call_fira:
call_id 3 session_id 1

2023-06-07 09:04:54.502 950-950 qorvo.uwb.uwbmac android.hardware.qorvo.uwb.service I
ack_handler

2023-06-07 09:04:54.505 1542-3758 UwbSessionManager system_server D Detected end of
non privileged FIRA session from android.content.AttributionSource@c57191a3

2023-06-07 09:04:54.505 1542-3758 UwbSessionManager system_server I binderDied :
Session count currently is 0

2023-06-07 09:04:54.643 950-950 qorvo.uwb.uwbmac android.hardware.qorvo.uwb.service I
report_nl_cb

2023-06-07 09:04:54.643 950-950 qorvo.uwb.....ckend_fira android.hardware.qorvo.uwb.service I
handle_session_stop: session (1) stopped for reason (0)

2023-06-07 09:04:54.643 950-950 qorvo.uwb.fira_helper android.hardware.qorvo.uwb.service I call_fira:
call_id 4 session_id 1

2023-06-07 09:04:54.643 950-950 qorvo.uwb.uwbmac android.hardware.qorvo.uwb.service I
ack_handler

2023-06-07 09:04:54.643 950-950 qorvo.uwb.....ckend_fira android.hardware.qorvo.uwb.service I
state_notification_with_code: MT/GID/OID 6102 NTF 1 (0)

2023-06-07 09:04:54.644 1542-2749 uwb system_server D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: session notification callback.

2023-06-07 09:04:54.644 1542-2749 uwb system_server D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: callback onSessionStatusNotificationReceived

2023-06-07 09:04:54.644 1542-2749 NativeUwbManager system_server D
onSessionStatusNotificationReceived(1, 1, 0)

2023-06-07 09:04:54.644 1542-2749 UwbSessionManager system_server I
onSessionStatusNotificationReceived - Session ID : 1, state : DEINIT, reasonCode:0

2023-06-07 09:04:54.644 1542-2749 UwbSessionManager system_server D
onSessionStatusNotificationReceived - invalid session

2023-06-07 09:04:54.645 1139-1139 AOC aocd D A3:MSG: controller.cc, 811:
CNTRL: ipc: uwb_service, cmd ID: 0x00cb, tag: 0x0c, rc: 0

2023-06-07 09:04:54.646 1139-1139 AOC aocd D A3:MSG: controller.cc, 811:
CNTRL: ipc: uwb_service, cmd ID: 0x00cd, tag: 0x0d, rc: 0

2023-06-07 09:04:54.658 1542-2749 uwb system_server D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: core notification callback.

2023-06-07 09:04:54.658 1542-2749 uwb system_server D
uwb_uci_jni_rust::notification_manager_android: UCI JNI: callback onDeviceStatusNotificationReceived

2023-06-07 09:04:54.658 1542-2749 NativeUwbManager system_server D
onDeviceStatusNotificationReceived(1, default)

2023-06-07 09:04:54.658 1542-2749 UwbServiceCore system_server I updateState():
deviceState = READY, current adapter state = 2

2023-06-07 09:04:54.658 1542-2749 UwbServiceCore system_server D updateState():
state=1, reason=3, chipId=default

2023-06-07 09:04:54.658 1542-2749 UwbServiceCore system_server D chipIdToStateMap =
{default=1}

2023-06-07 09:04:55.250 18488-18574 PackageHelper <pre-initialized> W Could not get
resources package for package "com.qorvo.uwb.vendorservice". Falling back to app package name.

2023-06-07 09:04:55.972 18488-18488 BoundBrokerSvc <pre-initialized> D onBind: Intent {
act=com.google.android.gms.nearby.uwb.service.START dat=chimera-action:/...
cmp=com.google.android.gms/.chimera.PersistentApiServiceNoInstantApps }

2023-06-07 09:04:55.972 18488-18488 BoundBrokerSvc <pre-initialized> D Loading bound
service for intent: Intent { act=com.google.android.gms.nearby.uwb.service.START dat=chimera-action:/...
cmp=com.google.android.gms/.chimera.PersistentApiServiceNoInstantApps }

2023-06-07 09:04:55.981 18488-18516 NearbyUWB <pre-initialized> I Use GMScore
Backend in UWB API. [CONTEXT service_id=49]

2023-06-07 09:04:55.981 18488-18516 NearbyUWB <pre-initialized> I (REDACTED) UWB
Version %s

2023-06-07 09:04:55.982 18488-18516 NearbyUWB <pre-initialized> I (REDACTED) Has UWB
Feature %s

2023-06-07 09:04:55.982 18488-18516 NearbyUWB <pre-initialized> I Register
adapterStateCallback [CONTEXT service_id=49]

2023-06-07 09:04:55.984 18488-18516 NearbyUWB <pre-initialized> I (REDACTED) Screen
unlocked: %s

2023-06-07 09:04:56.437 18488-18522 NearbyMediums <pre-initialized> I Platform UWB
adapter acquired. [CONTEXT service_id=54]

2023-06-07 09:04:56.437 18488-18522 NearbySharing <pre-initialized> I Disabling Uwb when
the screen is locked to save on battery power [CONTEXT service_id=194]

2023-06-07 09:04:57.481 18488-18525 NearbyUWB com.google.android.gms.persistent I
(REDACTED) onGetService: Create client bridge with key %s

2023-06-07 09:04:57.482 18488-18525 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Analytics is enabled for package %s

2023-06-07 09:04:57.485 18488-18525 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Client %s with package name %s, Op Identifier %s, and sdk version %s has connected.

2023-06-07 09:04:57.487 18488-18593 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Ranging device buffer %s

2023-06-07 09:04:57.488 18488-18593 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Ranging device buffer %s

2023-06-07 09:04:57.488 18488-18593 NearbyUWB com.google.android.gms.persistent I

(REDACTED) Local UWB address is %s
2023-06-07 09:04:57.490 18488-18593 NearbyUWB com.google.android.gms.persistent I
(REDACTED) set complexChannel to %s
2023-06-07 09:04:59.597 18488-18719 NearbyUWB com.google.android.gms.persistent I
(REDACTED) onGetService: Create client bridge with key %s
2023-06-07 09:04:59.597 18488-18719 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Analytics is enabled for package %s
2023-06-07 09:04:59.602 18488-18719 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Client %s with package name %s, Op Identifier %s, and sdk version %s has connected.
2023-06-07 09:04:59.606 18230-18230 UwbClientSessionScope com.example.app I Started UWB ranging.
2023-06-07 09:05:06.824 18488-18615 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Screen unlocked: %s
2023-06-07 09:05:06.837 18488-18615 NearbySharing com.google.android.gms.persistent I
(REDACTED) Acquired UWB ranging address: %s
2023-06-07 09:05:06.837 18488-18615 NearbySharing com.google.android.gms.persistent I
(REDACTED) Acquired best-available UWB complex channel: (%s, %s)
2023-06-07 09:05:06.913 18488-18616 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Screen unlocked: %s
2023-06-07 09:05:07.491 18488-18525 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Client %s (%s) disconnecting %s
2023-06-07 09:05:07.492 18488-18635 NearbyUWB com.google.android.gms.persistent W UWB stopRanging called without an active session. {bihr@3c7eeb3} [CONTEXT service_id=49]
2023-06-07 09:05:07.495 18488-18616 NearbyUWB com.google.android.gms.persistent I
(REDACTED) User opted in for analytics reporting: %s.
2023-06-07 09:05:07.495 18488-18616 NearbyUWB com.google.android.gms.persistent I
AnalyticsLogger is shutdown. [CONTEXT service_id=49]
2023-06-07 09:05:11.079 18230-18230 MainActivity com.example.app D Stopped Estimote UWB scanning
2023-06-07 09:05:11.080 18230-18230 UARTManager com.example.app D UWB BLE 1 bytes sent data: 0x0c
2023-06-07 09:05:12.981 18230-18230 UARTManager com.example.app D UWB BLE 1 bytes received data: 0x03
2023-06-07 09:05:12.983 18230-18230 MainActivity com.example.app D Accessory UWB stopped
2023-06-07 09:05:13.001 18488-18635 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Ranging device buffer %s
2023-06-07 09:05:13.003 18488-18635 NearbyUWB com.google.android.gms.persistent I
(REDACTED) Ranging device buffer %s
2023-06-07 09:05:13.003 18488-18635 NearbyUWB com.google.android.gms.persistent W UWB stopRanging called without an active session. {bihn@f9c235d} [CONTEXT service_id=49]
2023-06-07 09:05:13.011 18230-18230 AndroidRuntime com.example.app E FATAL EXCEPTION: main

Process: com.example.app, PID: 18230
java.lang.IllegalArgumentException: Illegal api call

was received.

at
androidx.core.uwb.helper.UwbHelperKt.handleApiException(UwbHelper.kt:43)
at
androidx.core.uwb.impl.UwbClientSessionScopeImpl\$prepareSession\$1\$1\$1.invokeSuspend(UwbClientSessionScopeImpl.kt:140)
at
kotlin.coroutines.jvm.internal.BaseContinuationImpl.resumeWith(ContinuationImpl.kt:33)
at
kotlinx.coroutines.DispatchedTask.run(DispatchedTask.kt:104)
at
android.os.Handler.handleCallback(Handler.java:942)
at
android.os.Handler.dispatchMessage(Handler.java:99)
at android.os.Looper.loopOnce(Looper.java:201)
at android.os.Looper.loop(Looper.java:288)
at
android.app.ActivityThread.main(ActivityThread.java:7884)
at java.lang.reflect.Method.invoke(Native Method)
at
com.android.internal.os.RuntimeInit\$MethodAndArgsCaller.run(RuntimeInit.java:548)
at
com.android.internal.os.ZygoteInit.main(ZygoteInit.java:936)
Suppressed:
kotlinx.coroutines.DiagnosticCoroutineContextException: [StandaloneCoroutine{Cancelling}@d3b9f62, Dispatchers.Main.immediate]

COMMENTS

All comments

↓ Oldest first



rp...@google.com <rp...@google.com> #2

Jun 8, 2023 12:37AM



Can you attach a bugreport? This is a known issue which was fixed via UWB mainline update. The bugreport will tell us if your device has the correct version or not.



na...@gmail.com <na...@gmail.com> #3

Jun 8, 2023 01:41AM ⋮

This is just turning the screen off / on again without trying to stop the ranging session, so the app was still showing on screen, but not ranging.
The 6 Pro doesn't have the June patch yet, as it looks like it has been delayed this month.

AS logcat shows:

```
2023-06-07 16:33:09.703 14835-1306 NearbyUWB      com.google.android.gms.persistent  I UWB
session reconfigured [CONTEXT service_id=49 ]
2023-06-07 16:33:09.711 14835-1306 AndroidRuntime  com.google.android.gms.persistent  E
FATAL EXCEPTION: highpool[76]
Process: com.google.android.gms.persistent,
PID: 14835
        java.lang.NullPointerException
            at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
            at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
            at
android.uwb.RangingSession.lambda$onRangingReconfigured$5$android-uwb-
RangingSession(RangingSession.java:845)
            at
android.uwb.RangingSession$$ExternalSyntheticLambda22.run(Unknown Source:4)
            at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
            at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
            at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)
            at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:637)
            at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
            at java.lang.Thread.run(Thread.java:1012)
        Suppressed: dfhy:
2023-06-07 16:33:09.734 14835-1306 DeviceDoctorHandler  com.google.android.gms.persistent  E
FATAL EXCEPTION: highpool[76]
Process: com.google.android.gms.persistent,
PID: 14835
        java.lang.NullPointerException
            at
dhat.y(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
            at
bijk.onReconfigured(:com.google.android.gms@231819044@23.18.19 (190400-536743017):8)
            at
android.uwb.RangingSession.lambda$onRangingReconfigured$5$android-uwb-
RangingSession(RangingSession.java:845)
            at
android.uwb.RangingSession$$ExternalSyntheticLambda22.run(Unknown Source:4)
            at
aced.c(:com.google.android.gms@231819044@23.18.19 (190400-536743017):6)
            at
aced.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):7)
            at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1137)
            at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:637)
            at
acjn.run(:com.google.android.gms@231819044@23.18.19 (190400-536743017):0)
            at java.lang.Thread.run(Thread.java:1012)
        Suppressed: dfhy:
2023-06-07 16:33:09.902 1527-4378 UwbSessionManager  system_server  I binderDied
: getSessionId is getSessionId() 1
```



bugreport-raven-TQ2A.230505.002-2023-06-07-16-33-46.zip

14 MB [Download](#)



rp...@google.com <rp...@google.com> #4

Jun 8, 2023 03:30AM ⋮

The fix for this crash will be included in the UWB July module. When the screen turns off, we treat it as the app moving to background and stop sending ranging reports to the app (even though the UWB session is still running in the lower levels so it could be useful if you are ranging with an IOT device).



na...@gmail.com <na...@gmail.com> [#5](#)

Jun 8, 2023 06:12PM ⋮

OK. Thanks for the update.

As far as screen off goes, we currently use a foreground service for location, although I am testing UWB in a standalone app at the moment, so if I move to the foreground service, will you still stop ranging when the screen is off?



rp...@google.com <rp...@google.com> [#6](#)

Jun 10, 2023 07:27AM ⋮

if I move to the foreground service, will you still stop ranging when the screen is off?

No, that should continue working regardless of screen state.



na...@gmail.com <na...@gmail.com> [#7](#)

Jun 13, 2023 12:27AM ⋮

Thanks again.

I moved the UWB code into our foreground service and can confirm we still get UWB ranging when the screen is off :)