

Bluetooth OTA For Android



nRF Connect for Mobile

Nordic Semiconductor ASA Tools

3+

⚠ You don't have any devices.

➕ Add to wishlist



nRF Connect for Mobile

Nordic Semiconductor ASA Tools

★★★★★ 1,754

3+

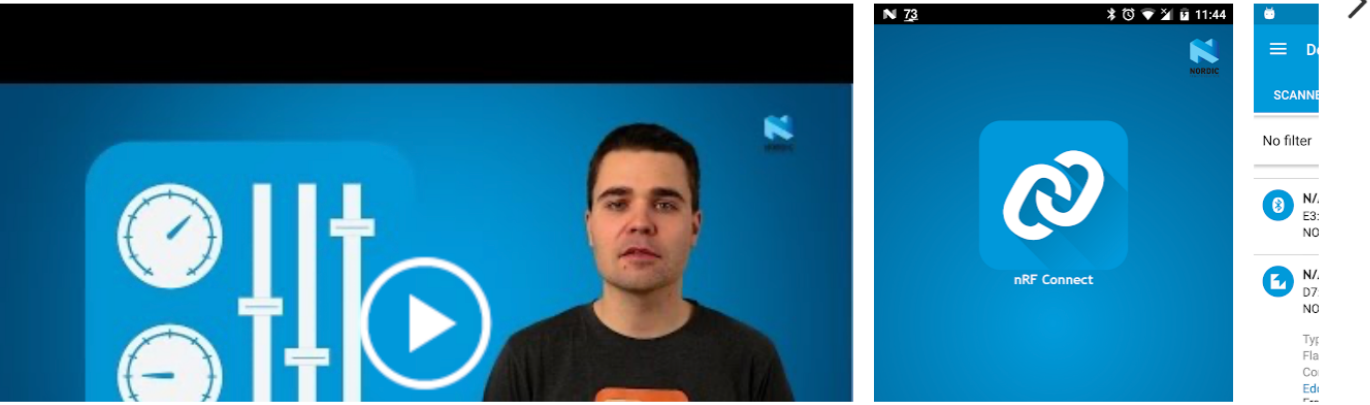
⚠ You don't have any devices.

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Install

Download and install nRF Connect for Mobile.

Download the 'OTA_ReserverID1515.zip' to your cellphone.




nRF Connect for Mobile is a powerful generic tool that allows you to scan, advertise and explore your Bluetooth Low Energy (BLE) devices and communicate with them. nRF Connect supports number of Bluetooth SIG adopted profiles together with Device Firmware Update profile (DFU) from Nordic Semiconductors and Mcu Manager on Zephyr and Mynewt.


4G 4GHP 11:15 0.00 KB/s 84%


☰ Devices STOP SCANNING ⋮

SCANNER BONDED ADVERTISER

NOT BONDED ▲ -94 dBm ↔ 270 ms


 N/A
14:87:3F:78:A8:B2
NOT BONDED ▲ -88 dBm ↔ 103 ms

 N/A
3C:EE:D5:C1:DA:68
NOT BONDED ▲ -42 dBm ↔ 103 ms

 N/A (Beacon) **CONNECT** ⋮
D6:AB:47:7C:03:CF
NOT BONDED ▲ -46 dBm ↔ 54 ms

Device type: UNKNOWN
Advertising type: Legacy
Flags: GeneralDiscoverable,
BrEdrNotSupported
Beacon:
Company: Reserved ID <0x1514>
Type: Beacon <0x02>
Length of data: 21 bytes
UUID:
f2a52d43-e0ab-489c-b64c-4a83001467fd
Major: 53265
Minor: 46
RSSI at 1m: -60 dBm

CLONE RAW MORE

 N/A (iBeacon)
CA:5B:F7:F2:48:B1
NOT BONDED ▲ -94 dBm ↔ 53 ms

Open nRF Connect Android version.


A connectable Beacon should be seen, Company: Reserved ID is 0x1514


4G 4GHD 11:15 0.00 KB/s 84%


☰ Devices STOP SCANNING ⋮

SCANNER BONDED ADVERTISER

NOT BONDED ▲ -94 dBm ↔ 270 ms


 N/A
14:87:3F:78:A8:B2
NOT BONDED ▲ -88 dBm ↔ 103 ms

 N/A
3C:EE:D5:C1:DA:68
NOT BONDED ▲ -42 dBm ↔ 103 ms

 N/A (Beacon) **CONNECT** ⋮
D6:AB:47:7C:03:CF
NOT BONDED ▲ -46 dBm ↔ 54 ms

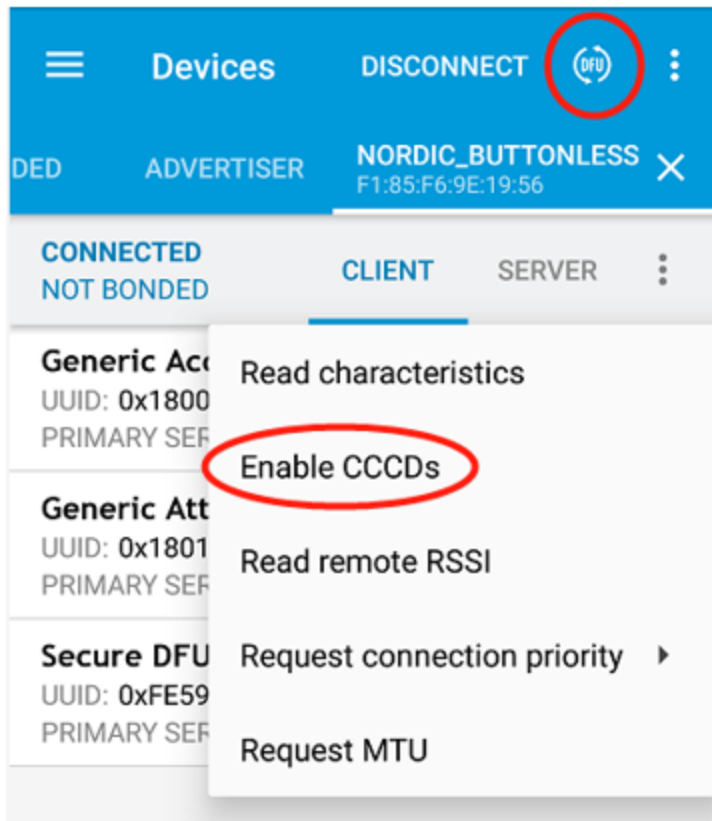
Device type: UNKNOWN
Advertising type: Legacy
Flags: GeneralDiscoverable,
BrEdrNotSupported
Beacon:
Company: Reserved ID <0x1514>
Type: Beacon <0x02>
Length of data: 21 bytes
UUID:
f2a52d43-e0ab-489c-b64c-4a83001467fd
Major: 53265
Minor: 46
RSSI at 1m: -60 dBm

CLONE RAW MORE

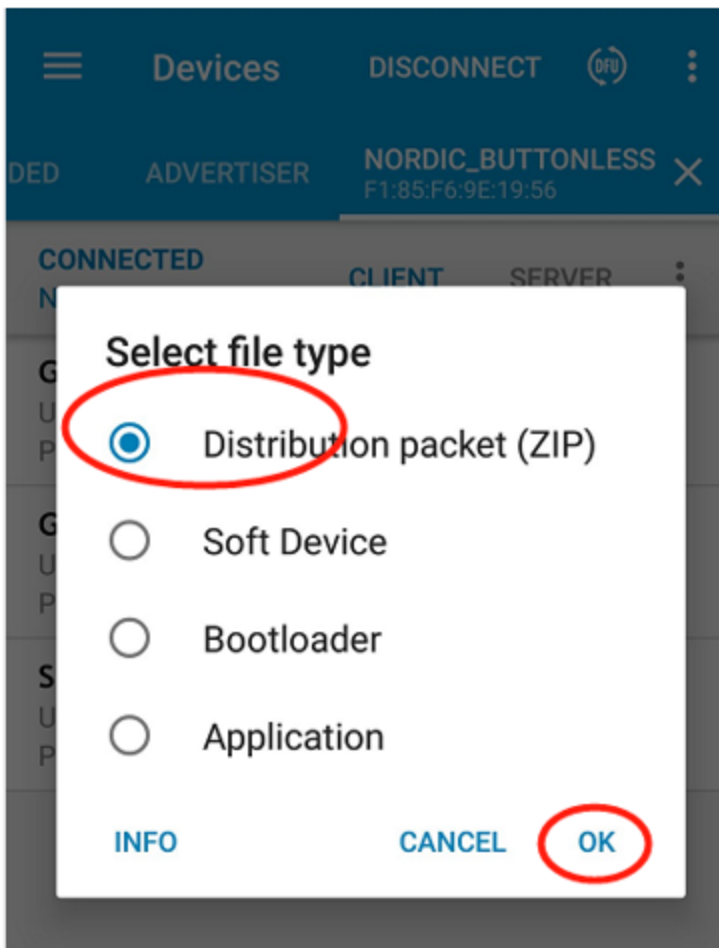
 N/A (iBeacon)
CA:5B:F7:F2:48:B1
NOT BONDED ▲ -94 dBm ↔ 53 ms

Tap 'CONNECT' on the SCANNER page to connect the beacon.

Noted that the Reserved ID displays <0x1514> at the moment.

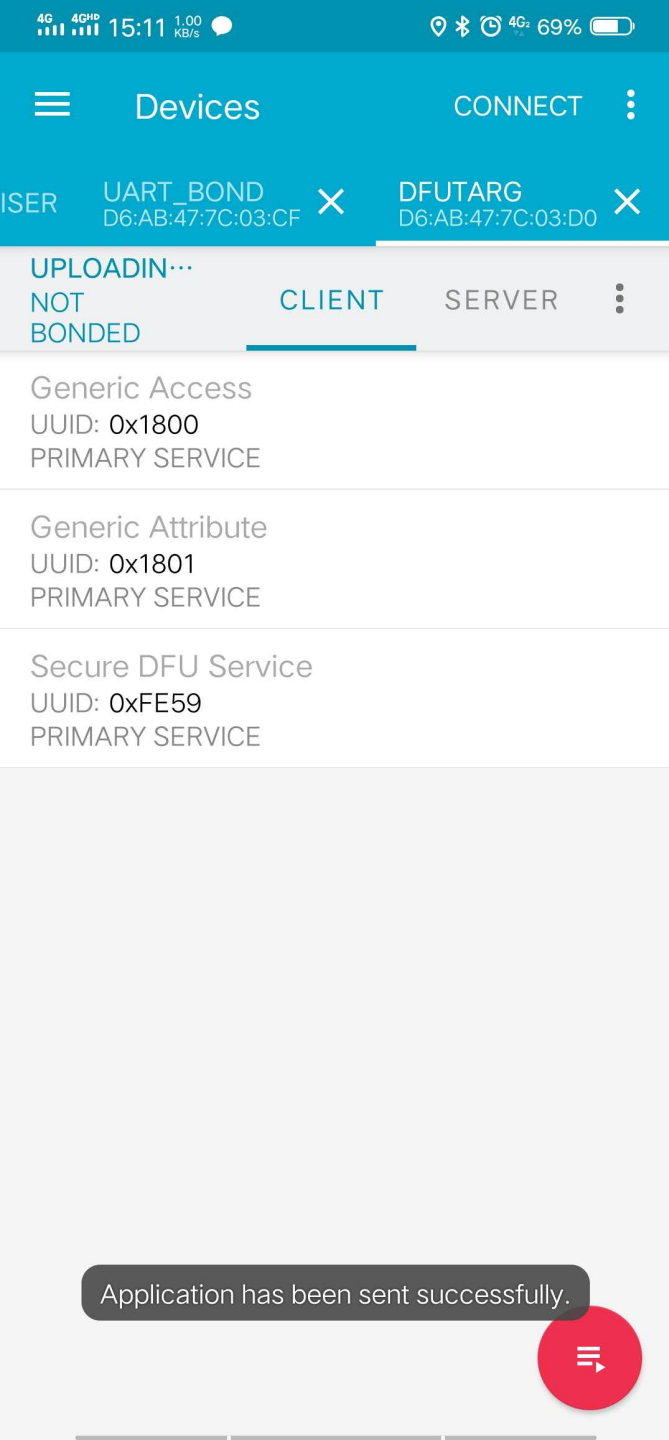


Enable CCCD (optional). Then choose 'DFU' as is shown in the screenshot.



When 'DFU' is chosen, a dialog box will pop up asking you to select the zip package that corresponds to the new firmware. Since the ZIP package is placed in the mobile file directory, we need to find the zip package through the file browser.

Choose `OTA_ReserverID1515.zip`




After the upgrade is successful, there is a prompt on the interface.


4G 4GHP 11:31 0.00 KB/s 82%

☰ Devices STOP SCANNING ⋮

SCANNER BONDED ADVERTISER


No filter ▾


 N/A
14:56:88:52:49:22
NOT BONDED ▲ -45 dBm ↔ 103 ms

 N/A (Beacon) **CONNECT** ⋮
D6:AB:47:7C:03:CF
NOT BONDED ▲ -56 dBm ↔ 55 ms

Device type: UNKNOWN
Advertising type: Legacy
Flags: GeneralDiscoverable,
BrEdrNotSupported
Beacon:
Company: Reserved ID <0x1515>
Type: Beacon <0x02>
Length of data: 21 bytes
UUID:
f2a52d43-e0ab-489c-b64c-4a83001467fd
Major: 53265
Minor: 46
RSSI at 1m: -60 dBm

CLONE RAW MORE

 N/A
3D:EF:DD:65:63:03
NOT BONDED ▲ -85 dBm ↔ 102 ms

 N/A (iBeacon)
D8:7A:CE:BC:D2:11
NOT BONDED ▲ -81 dBm ↔ 53 ms

After that, close the OTA interface, and at Refresh on the nRF Connect main interface, you can see that Company: Reserved ID is 0x1515