C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM>west build --pristine --board nrf9160dk\_nrf9160\_ns@1.0.1

-- west build: making build dir C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM\build pristine

-- west build: generating a build system

Loading Zephyr default modules (Zephyr base).

-- Application: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM

-- Using NCS Toolchain 2.3.0 for building. (C:/Nordic-230-bis/toolchains/v2.3.0/cmake)

-- Found Python3: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/Nordic-230-bis/v2.3.0/zephyr/.cache

-- Zephyr version: 3.2.99 (C:/Nordic-230-bis/v2.3.0/zephyr)

-- Found west (found suitable version "0.14.0", minimum required is "0.7.1")

-- Board: nrf9160dk\_nrf9160\_ns, Revision: 1.0.1 (Active: 0.14.0)

-- Found host-tools: zephyr 0.15.2 (C:/Nordic-230-bis/toolchains/v2.3.0/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.15.2 (C:/Nordic-230-bis/toolchains/v2.3.0/opt/zephyr-sdk)

-- Found Dtc: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/Nordic-230-bis/v2.3.0/zephyr/boards/arm/nrf9160dk\_nrf9160/nrf9160dk\_nrf9160\_ns.dts

-- Found devicetree overlay: C:/Nordic-230-bis/v2.3.0/zephyr/boards/arm/nrf9160dk\_nrf9160/nrf9160dk\_nrf9160\_ns\_0\_14\_0.overlay

-- Found devicetree overlay: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/boards/nrf9160dk\_nrf9160\_ns.overlay

-- Found devicetree overlay: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/boards/nrf9160dk\_nrf9160\_ns\_0\_14\_0.overlay

'label' is marked as deprecated in 'properties:' in C:/Nordic-230-bis/v2.3.0/zephyr/dts/bindings\gpio\nxp,pcal6408a.yaml for node /soc/peripheral@40000000/i2c@a000/pcal6408a@20.

'label' is marked as deprecated in 'properties:' in C:/Nordic-230-bis/v2.3.0/zephyr/dts/bindings\mtd\jedec,spi-nor.yaml for node /soc/peripheral@40000000/spi@b000/mx25r6435f@1.

-- Generated zephyr.dts: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/zephyr/dts.cmake

Parsing C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/Kconfig

Loaded configuration 'C:/Nordic-230-bis/v2.3.0/zephyr/boards/arm/nrf9160dk\_nrf9160/nrf9160dk\_nrf9160\_ns\_defconfig'

Merged configuration 'C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/prj.conf'

Merged configuration 'C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/boards/nrf9160dk\_nrf9160\_ns.conf'

Configuration saved to 'C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/zephyr/.config'

Kconfig header saved to 'C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/zephyr/include/generated/autoconf.h'

-- The C compiler identification is GNU 12.1.0

-- The CXX compiler identification is GNU 12.1.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/Nordic-230-bis/toolchains/v2.3.0/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

CMake Warning at C:/Nordic-230-bis/v2.3.0/zephyr/CMakeLists.txt:1838 (message):

\_\_ASSERT() statements are globally ENABLED

Dropping partition 'nrf\_modem\_lib\_trace' since its size is 0.

Dropping partition 'nonsecure\_storage' since it is empty.

-- Configuring done

-- Generating done

-- Build files have been written to: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build

-- west build: building application

[1/349] Generating include/generated/version.h

-- Zephyr version: 3.2.99 (C:/Nordic-230-bis/v2.3.0/zephyr), build: v3.2.99-ncs2

[52/349] Generating ../../tfm/CMakeCache.txt

-- The C compiler identification is GNU 12.1.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/Nordic-230-bis/toolchains/v2.3.0/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

-- Found Python3: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/python.exe (found version "3.8.2") found components: Interpreter

-- Found Python3: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/Nordic-230-bis/v2.3.0/zephyr/.cache

-- Configuring done

-- Generating done

-- Build files have been written to: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/tfm

[57/349] Performing build step for 'tfm'

[1/2] Re-running CMake...

-- Found Python3: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/python.exe (found version "3.8.2") found components: Interpreter

-- Found Python3: C:/Nordic-230-bis/toolchains/v2.3.0/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/Nordic-230-bis/v2.3.0/zephyr/.cache

-- Configuring done

-- Generating done

-- Build files have been written to: C:/Nordic-230-bis/v2.3.0/nrf/samples/nrf9160/lte\_ble\_gateway\_JM/build/tfm

[171/171] Generating ../bin/tfm\_s.bin

[64/349] Performing install step for 'tfm'

-- Install configuration: "MinSizeRel"

[337/349] Linking C executable zephyr\zephyr\_pre0.elf

[341/349] Linking C executable zephyr\zephyr\_pre1.elf

[347/349] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 250448 B 992 KB 24.66%

RAM: 67824 B 211608 B 32.05%

IDT\_LIST: 0 GB 2 KB 0.00%

[349/349] Generating zephyr/merged.hex

C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM>west flash

-- west flash: rebuilding

[0/20] Performing build step for 'tfm'

ninja: no work to do.

-- west flash: using runner nrfjprog

Using board 960002740

-- runners.nrfjprog: Flashing file: C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM\build\zephyr\merged.hex

[ #################### ] 1356.867s | Erase file - Done erasing

[error] [ JLink] - Communication timed out: Requested 8 bytes, received 0 bytes !

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [ nRF91] - Failed while reading device version

[error] [ nRF91] - Failed while reading device information.

[error] [ nRF91] - Failed while programming file C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM\build\zephyr\merged.hex.

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - Failed while ensuring debug power was enabled for device connection.

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - Failed while ensuring debug power was enabled for device connection.

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

[error] [SeggerBackend] - JLinkARM.dll reported "-1", "An unknown error.".

ERROR: The JLinkARM DLL timed out while communicating to the J-Link probe.

ERROR: If the error condition persists, run the same command again with

ERROR: argument -- log, contact Nordic Semiconductor and provide the generated

ERROR: log.log file to them.

NOTE: For additional output, try running again with logging enabled (--log).

NOTE: Any generated log error messages will be displayed.

FATAL ERROR: command exited with status 35: nrfjprog --program 'C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM\build\zephyr\merged.hex' --sectorerase --verify -f NRF91 --snr 960002740

C:\Nordic-230-bis\v2.3.0\nrf\samples\nrf9160\lte\_ble\_gateway\_JM>west flash