skrug@DESKTOP-KJBLMH9 MINGW64 /c/A/s4/tools/buildprog

$ python buildprog.py -c both -b debug -d both -m external

+------------+----------+---------+--------------+---------------------+---------------------+

| snr | snr conn | device | only reboot | core app programmed | core net programmed |

+------------+----------+---------+--------------+---------------------+---------------------+

| 1050171701 | ←[32mTrue←[0m | headset | Not selected | Selected TBD | Selected TBD |

| 1050131916 | ←[32mTrue←[0m | gateway | Not selected | Selected TBD | Selected TBD |

| 10 | ←[33mFalse←[0m | headset | Not selected | Selected TBD | Selected TBD |

+------------+----------+---------+--------------+---------------------+---------------------+

Invoking build step

Net core uses precompiled hex

Run: west build C:\A\s4 -b nrf5340\_audio\_dk\_nrf5340\_cpuapp -d C:\A\s4\build\dev\_headset\build\_debug -DCONFIG\_AUDIO\_DEV=1 -DCONFIG\_AUDIO\_DFU=2

-- west build: generating a build system

Loading Zephyr default modules (Zephyr base).

-- Application: C:/A/s4

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpuapp

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp.dts

-- Found devicetree overlay: C:/A/s4/dfu/conf/overlay-dfu\_external\_flash.overlay

-- Generated zephyr.dts: C:/A/s4/build/dev\_headset/build\_debug/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_headset/build\_debug/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_headset/build\_debug/zephyr/dts.cmake

warning: Experimental symbol NRF5340\_AUDIO is enabled.

warning: Experimental symbol AUDIO\_DFU\_ENABLE is enabled.

warning: Experimental symbol BT\_LL\_ACS\_NRF53 is enabled.

warning: Experimental symbol BT\_ISO\_PERIPHERAL is enabled.

warning: Experimental symbol BT\_AUDIO is enabled.

warning: Experimental symbol BT\_BAP\_UNICAST\_SERVER is enabled.

warning: Experimental symbol BT\_VCP\_VOL\_REND is enabled.

warning: Experimental symbol BT\_CSIP\_SET\_MEMBER is enabled.

warning: Experimental symbol BT\_MCC is enabled.

warning: Experimental symbol BT\_CAP\_ACCEPTOR is enabled.

Parsing C:/A/s4/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp\_defconfig'

Merged configuration 'C:/A/s4/prj.conf'

Merged configuration 'C:/A/s4/build/dev\_headset/build\_debug/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_headset/build\_debug/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_headset/build\_debug/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

=== child image empty\_net\_core - CPUNET begin ===

loading initial cache file C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/child\_image\_preload.cmake:9 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/child\_image\_preload.cmake:9

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/nrf/samples/nrf5340/empty\_net\_core

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpunet

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet.dts

-- Generated zephyr.dts: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/zephyr/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/nrf/samples/nrf5340/empty\_net\_core/prj.conf'

Merged configuration 'C:/A/s4/dfu/conf/overlay-empty\_net\_core.conf'

Merged configuration 'C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

=== child image b0n - CPUNET (inherited) begin ===

loading initial cache file C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake:9 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake:9

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpunet

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet.dts

-- Generated zephyr.dts: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot/prj.conf'

Merged configuration 'C:/ncs/v2.4.0/nrf/subsys/partition\_manager/partition\_manager\_enabled.conf'

Configuration saved to 'C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:1864 (message):

\_\_ASSERT() statements are globally ENABLED

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core/b0n

=== child image b0n - CPUNET (inherited) end ===

CMake Warning at ../../../subsys/bootloader/cmake/debug\_keys.cmake:36 (message):

--------------------------------------------------------------

--- WARNING: Using generated NSIB public/private key-pair. ---

--- It should not be used for production. ---

--- See CONFIG\_SB\_SIGNING\_KEY\_FILE ---

--------------------------------------------------------------

Call Stack (most recent call first):

../../../subsys/bootloader/cmake/provision\_hex.cmake:37 (include)

../../../subsys/CMakeLists.txt:17 (include)

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_headset/build\_debug/empty\_net\_core

=== child image empty\_net\_core - CPUNET end ===

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found version "3.8.2") found components: Interpreter

=== child image mcuboot - begin ===

loading initial cache file C:/A/s4/build/dev\_headset/build\_debug/mcuboot/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_headset/build\_debug/mcuboot/child\_image\_preload.cmake:7 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_headset/build\_debug/mcuboot/child\_image\_preload.cmake:7

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpuapp

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp.dts

-- Found devicetree overlay: C:/A/s4/dfu/conf/overlay-dfu\_external\_flash.overlay

-- Found devicetree overlay: C:/ncs/v2.4.0/zephyr/../nrf/modules/mcuboot/flash\_sim.overlay

-- Generated zephyr.dts: C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr/prj.conf'

Merged configuration 'C:/A/s4/dfu/conf/overlay-mcuboot\_external\_flash.conf'

Merged configuration 'C:/ncs/v2.4.0/zephyr/../nrf/subsys/partition\_manager/partition\_manager\_enabled.conf'

Merged configuration 'C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_headset/build\_debug/mcuboot/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

-- Found partition manager static configuration: C:/A/s4/dfu/conf/pm\_dfu\_external\_flash.yml

MCUBoot bootloader key file: C:/ncs/v2.4.0/bootloader/mcuboot/root-rsa-2048.pem

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_headset/build\_debug/mcuboot

=== child image mcuboot - end ===

CMake Warning at C:/ncs/v2.4.0/nrf/modules/mcuboot/CMakeLists.txt:310 (message):

---------------------------------------------------------

--- WARNING: Using default MCUBoot key, it should not ---

--- be used for production. ---

---------------------------------------------------------

-- libmetal version: 1.3.0 (C:/A/s4)

-- Build type:

-- Host: Windows/AMD64

-- Target: Generic/arm

-- Machine: arm

-- Looking for include file stdatomic.h

-- Looking for include file stdatomic.h - found

-- open-amp version: 1.3.0 (C:/ncs/v2.4.0/modules/lib/open-amp/open-amp)

-- Host: Windows/AMD64

-- Target: Generic/arm

-- Machine: arm

-- C\_FLAGS : -Wall -Wextra

-- Looking for include file fcntl.h

-- Looking for include file fcntl.h - found

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:1864 (message):

\_\_ASSERT() statements are globally ENABLED

-- Found partition manager static configuration: C:/A/s4/dfu/conf/pm\_dfu\_external\_flash.yml

Partition 'mcuboot' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_pad' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary\_app' is not included in the dynamic resolving since it is statically defined.

Partition 'settings\_storage' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary\_1' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_secondary' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_secondary\_1' is not included in the dynamic resolving since it is statically defined.

Partition 'pcd\_sram' is not included in the dynamic resolving since it is statically defined.

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_headset/build\_debug

←[92m-- west build: building application

[9/502] Performing build step for 'empty\_net\_core\_subimage'

[0/178] Generating signing key

[6/178] Performing build step for 'b0n\_subimage'

[1/161] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[151/161] Linking C executable zephyr\zephyr\_pre0.elf

[155/161] Linking C executable zephyr\zephyr\_pre1.elf

[161/161] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 23510 B 34176 B 68.79%

RAM: 3456 B 64 KB 5.27%

SRAM1: 0 GB 64 KB 0.00%

IDT\_LIST: 0 GB 2 KB 0.00%

[7/178] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[158/178] Linking C executable zephyr\zephyr\_pre0.elf

[162/178] Linking C executable zephyr\zephyr\_pre1.elf

[168/178] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 19284 B 222 KB 8.48%

RAM: 4080 B 64 KB 6.23%

SRAM1: 0 GB 64 KB 0.00%

IDT\_LIST: 0 GB 2 KB 0.00%

[169/178] Creating public key from private key used for signing

[171/178] Creating signature of application

[174/178] Creating data to be provisioned to the Bootloader, storing to provision.hex

[175/178] Creating validation for zephyr.hex, storing to

[178/178] Generating zephyr/merged\_CPUNET.hex

[11/502] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[309/502] Performing build step for 'mcuboot\_subimage'

[1/313] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[303/313] Linking C executable zephyr\zephyr\_pre0.elf

[307/313] Linking C executable zephyr\zephyr\_pre1.elf

[313/313] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 43252 B 64 KB 66.00%

RAM: 361288 B 440 KB 80.19%

IDT\_LIST: 0 GB 2 KB 0.00%

[312/502] Generating ../../zephyr/net\_core\_app\_update.bin

image.py: sign the payload

[315/502] Generating ../../zephyr/net\_core\_app\_signed.hex

image.py: sign the payload

[317/502] Generating ../../zephyr/net\_core\_app\_test\_update.hex

image.py: sign the payload

[479/502] Linking C executable zephyr\zephyr\_pre0.elf

[483/502] Linking C executable zephyr\zephyr\_pre1.elf

[492/502] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 607580 B 916992 B 66.26%

RAM: 127488 B 440 KB 28.30%

IDT\_LIST: 0 GB 2 KB 0.00%

[495/502] Generating ../../zephyr/app\_update.bin

image.py: sign the payload

[497/502] Generating ../../zephyr/app\_signed.hex

image.py: sign the payload

[498/502] Generating ../../zephyr/app\_test\_update.hex

image.py: sign the payload

[502/502] Running post-build ble5-ctr signing step...

0x00000001

image.py: sign the payload

input hex name C:\ncs\v2.4.0\nrf\lib\bin\bt\_ll\_acs\_nrf53\bin\ble5-ctr-rpmsg\_shifted\_3349.hex

relative path

Run: west build C:\A\s4 -b nrf5340\_audio\_dk\_nrf5340\_cpuapp -d C:\A\s4\build\dev\_gateway\build\_debug -DCONFIG\_AUDIO\_DEV=2 -DCONFIG\_AUDIO\_DFU=2

-- west build: generating a build system

Loading Zephyr default modules (Zephyr base).

-- Application: C:/A/s4

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpuapp

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp.dts

-- Found devicetree overlay: C:/A/s4/dfu/conf/overlay-dfu\_external\_flash.overlay

-- Generated zephyr.dts: C:/A/s4/build/dev\_gateway/build\_debug/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_gateway/build\_debug/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_gateway/build\_debug/zephyr/dts.cmake

warning: Experimental symbol NRF5340\_AUDIO is enabled.

warning: Experimental symbol AUDIO\_DFU\_ENABLE is enabled.

warning: Experimental symbol BT\_LL\_ACS\_NRF53 is enabled.

warning: Experimental symbol BT\_ISO\_CENTRAL is enabled.

warning: Experimental symbol BT\_AUDIO is enabled.

warning: Experimental symbol BT\_BAP\_UNICAST\_CLIENT is enabled.

warning: Experimental symbol BT\_VCP\_VOL\_CTLR is enabled.

warning: Experimental symbol BT\_MCS is enabled.

warning: Experimental symbol BT\_MPL is enabled.

warning: Experimental symbol MCTL is enabled.

Parsing C:/A/s4/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp\_defconfig'

Merged configuration 'C:/A/s4/prj.conf'

Merged configuration 'C:/A/s4/build/dev\_gateway/build\_debug/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_gateway/build\_debug/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_gateway/build\_debug/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

=== child image empty\_net\_core - CPUNET begin ===

loading initial cache file C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/child\_image\_preload.cmake:9 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/child\_image\_preload.cmake:9

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/nrf/samples/nrf5340/empty\_net\_core

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpunet

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet.dts

-- Generated zephyr.dts: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/zephyr/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/nrf/samples/nrf5340/empty\_net\_core/prj.conf'

Merged configuration 'C:/A/s4/dfu/conf/overlay-empty\_net\_core.conf'

Merged configuration 'C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

=== child image b0n - CPUNET (inherited) begin ===

loading initial cache file C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake:9 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/child\_image\_preload.cmake:9

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpunet

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet.dts

-- Generated zephyr.dts: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpunet\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/nrf/samples/nrf5340/netboot/prj.conf'

Merged configuration 'C:/ncs/v2.4.0/nrf/subsys/partition\_manager/partition\_manager\_enabled.conf'

Configuration saved to 'C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:1864 (message):

\_\_ASSERT() statements are globally ENABLED

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core/b0n

=== child image b0n - CPUNET (inherited) end ===

CMake Warning at ../../../subsys/bootloader/cmake/debug\_keys.cmake:36 (message):

--------------------------------------------------------------

--- WARNING: Using generated NSIB public/private key-pair. ---

--- It should not be used for production. ---

--- See CONFIG\_SB\_SIGNING\_KEY\_FILE ---

--------------------------------------------------------------

Call Stack (most recent call first):

../../../subsys/bootloader/cmake/provision\_hex.cmake:37 (include)

../../../subsys/CMakeLists.txt:17 (include)

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_gateway/build\_debug/empty\_net\_core

=== child image empty\_net\_core - CPUNET end ===

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found version "3.8.2") found components: Interpreter

=== child image mcuboot - begin ===

loading initial cache file C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/child\_image\_preload.cmake

CMake Warning (dev) at C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/child\_image\_preload.cmake:7 (set):

Syntax error in cmake code at

C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/child\_image\_preload.cmake:7

when parsing string

C:\ncs\toolchains\31f4403e35\opt\bin\python.exe

Invalid escape sequence \3

Policy CMP0010 is not set: Bad variable reference syntax is an error. Run

"cmake --help-policy CMP0010" for policy details. Use the cmake\_policy

command to set the policy and suppress this warning.

This warning is for project developers. Use -Wno-dev to suppress it.

Loading Zephyr default modules (Zephyr base).

-- Application: C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr

-- CMake version: 3.20.5

-- Using NCS Toolchain 2.4.0 for building. (C:/ncs/toolchains/31f4403e35/cmake)

-- Found Python3: C:/ncs/toolchains/31f4403e35/opt/bin/python.exe (found suitable exact version "3.8.2") found components: Interpreter

-- Cache files will be written to: C:/ncs/v2.4.0/zephyr/.cache

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr)

-- Found west (found suitable version "1.0.0", minimum required is "0.7.1")

-- Board: nrf5340\_audio\_dk\_nrf5340\_cpuapp

-- Found host-tools: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found toolchain: zephyr 0.16.0 (C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk)

-- Found Dtc: C:/ncs/toolchains/31f4403e35/opt/bin/dtc.exe (found suitable version "1.4.7", minimum required is "1.4.6")

-- Found BOARD.dts: C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp.dts

-- Found devicetree overlay: C:/A/s4/dfu/conf/overlay-dfu\_external\_flash.overlay

-- Found devicetree overlay: C:/ncs/v2.4.0/zephyr/../nrf/modules/mcuboot/flash\_sim.overlay

-- Generated zephyr.dts: C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/zephyr.dts

-- Generated devicetree\_generated.h: C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/include/generated/devicetree\_generated.h

-- Including generated dts.cmake file: C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/dts.cmake

Parsing C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr/Kconfig

Loaded configuration 'C:/ncs/v2.4.0/zephyr/boards/arm/nrf5340\_audio\_dk\_nrf5340/nrf5340\_audio\_dk\_nrf5340\_cpuapp\_defconfig'

Merged configuration 'C:/ncs/v2.4.0/bootloader/mcuboot/boot/zephyr/prj.conf'

Merged configuration 'C:/A/s4/dfu/conf/overlay-mcuboot\_external\_flash.conf'

Merged configuration 'C:/ncs/v2.4.0/zephyr/../nrf/subsys/partition\_manager/partition\_manager\_enabled.conf'

Merged configuration 'C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/misc/generated/extra\_kconfig\_options.conf'

Configuration saved to 'C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/.config'

Kconfig header saved to 'C:/A/s4/build/dev\_gateway/build\_debug/mcuboot/zephyr/include/generated/autoconf.h'

-- Found GnuLd: c:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/../lib/gcc/arm-zephyr-eabi/12.2.0/../../../../arm-zephyr-eabi/bin/ld.bfd.exe (found version "2.38")

-- The C compiler identification is GNU 12.2.0

-- The CXX compiler identification is GNU 12.2.0

-- The ASM compiler identification is GNU

-- Found assembler: C:/ncs/toolchains/31f4403e35/opt/zephyr-sdk/arm-zephyr-eabi/bin/arm-zephyr-eabi-gcc.exe

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

-- Found partition manager static configuration: C:/A/s4/dfu/conf/pm\_dfu\_external\_flash.yml

MCUBoot bootloader key file: C:/ncs/v2.4.0/bootloader/mcuboot/root-rsa-2048.pem

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_gateway/build\_debug/mcuboot

=== child image mcuboot - end ===

CMake Warning at C:/ncs/v2.4.0/nrf/modules/mcuboot/CMakeLists.txt:310 (message):

---------------------------------------------------------

--- WARNING: Using default MCUBoot key, it should not ---

--- be used for production. ---

---------------------------------------------------------

-- libmetal version: 1.3.0 (C:/A/s4)

-- Build type:

-- Host: Windows/AMD64

-- Target: Generic/arm

-- Machine: arm

-- Looking for include file stdatomic.h

-- Looking for include file stdatomic.h - found

-- open-amp version: 1.3.0 (C:/ncs/v2.4.0/modules/lib/open-amp/open-amp)

-- Host: Windows/AMD64

-- Target: Generic/arm

-- Machine: arm

-- C\_FLAGS : -Wall -Wextra

-- Looking for include file fcntl.h

-- Looking for include file fcntl.h - found

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:838 (message):

No SOURCES given to Zephyr library: lib\_\_libc\_\_common

Excluding target from build.

CMake Warning at C:/ncs/v2.4.0/zephyr/CMakeLists.txt:1864 (message):

\_\_ASSERT() statements are globally ENABLED

-- Found partition manager static configuration: C:/A/s4/dfu/conf/pm\_dfu\_external\_flash.yml

Partition 'mcuboot' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_pad' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary\_app' is not included in the dynamic resolving since it is statically defined.

Partition 'settings\_storage' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_primary\_1' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_secondary' is not included in the dynamic resolving since it is statically defined.

Partition 'mcuboot\_secondary\_1' is not included in the dynamic resolving since it is statically defined.

Partition 'pcd\_sram' is not included in the dynamic resolving since it is statically defined.

-- Configuring done

-- Generating done

-- Build files have been written to: C:/A/s4/build/dev\_gateway/build\_debug

←[92m-- west build: building application

[1/514] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[10/514] Performing build step for 'empty\_net\_core\_subimage'

[0/178] Generating signing key

[1/178] Creating public key from private key used for signing

[2/178] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[3/178] Creating data to be provisioned to the Bootloader, storing to provision.hex

[12/178] Performing build step for 'b0n\_subimage'

[1/161] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[151/161] Linking C executable zephyr\zephyr\_pre0.elf

[155/161] Linking C executable zephyr\zephyr\_pre1.elf

[161/161] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 23510 B 34176 B 68.79%

RAM: 3456 B 64 KB 5.27%

SRAM1: 0 GB 64 KB 0.00%

IDT\_LIST: 0 GB 2 KB 0.00%

[160/178] Linking C executable zephyr\zephyr\_pre0.elf

[164/178] Linking C executable zephyr\zephyr\_pre1.elf

[170/178] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 19284 B 222 KB 8.48%

RAM: 4080 B 64 KB 6.23%

SRAM1: 0 GB 64 KB 0.00%

IDT\_LIST: 0 GB 2 KB 0.00%

[172/178] Creating signature of application

[176/178] Creating validation for zephyr.hex, storing to

[178/178] Generating zephyr/merged\_CPUNET.hex

[318/514] Performing build step for 'mcuboot\_subimage'

[1/313] Generating include/generated/version.h

-- Zephyr version: 3.3.99 (C:/ncs/v2.4.0/zephyr), build: v3.3.99-ncs1

[303/313] Linking C executable zephyr\zephyr\_pre0.elf

[307/313] Linking C executable zephyr\zephyr\_pre1.elf

[313/313] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 43252 B 64 KB 66.00%

RAM: 361288 B 440 KB 80.19%

IDT\_LIST: 0 GB 2 KB 0.00%

[332/514] Generating ../../zephyr/net\_core\_app\_signed.hex

image.py: sign the payload

[335/514] Generating ../../zephyr/net\_core\_app\_update.bin

image.py: sign the payload

[340/514] Generating ../../zephyr/net\_core\_app\_test\_update.hex

image.py: sign the payload

[491/514] Linking C executable zephyr\zephyr\_pre0.elf

[495/514] Linking C executable zephyr\zephyr\_pre1.elf

[504/514] Linking C executable zephyr\zephyr.elf

Memory region Used Size Region Size %age Used

FLASH: 646352 B 916992 B 70.49%

RAM: 143420 B 440 KB 31.83%

IDT\_LIST: 0 GB 2 KB 0.00%

[507/514] Generating ../../zephyr/app\_update.bin

image.py: sign the payload

[509/514] Generating ../../zephyr/app\_signed.hex

image.py: sign the payload

[510/514] Generating ../../zephyr/app\_test\_update.hex

image.py: sign the payload

[514/514] Running post-build ble5-ctr signing step...

0x00000001

image.py: sign the payload

input hex name C:\ncs\v2.4.0\nrf\lib\bin\bt\_ll\_acs\_nrf53\bin\ble5-ctr-rpmsg\_shifted\_3349.hex

relative path

build\_prog.py finished. Report:

+------------+----------+---------+--------------+---------------------+---------------------+

| snr | snr conn | device | only reboot | core app programmed | core net programmed |

+------------+----------+---------+--------------+---------------------+---------------------+

| 1050171701 | True | headset | Not selected | Selected TBD | Selected TBD |

| 1050131916 | True | gateway | Not selected | Selected TBD | Selected TBD |

| 10 | False | headset | Not selected | Selected TBD | Selected TBD |

+------------+----------+---------+--------------+---------------------+---------------------+