**DDR Test**

**Date:** 18-01-2022

**Board-** SOM 14

1. **Read Test**

* **Parameters**
* Start Addr: 0
* End Addr: 0
* Repeat Count: 1
* **Logs**

[QDUTT Logs\ddi\_debug\_log\_1642509832 (Read).txt](file:///C:\Users\146688\Hello3\QDUTT%20Logs\ddi_debug_log_1642509832%20(Read).txt)

INFO:ddi.DDILib:DDI Lib target config SM8250

INFO:ddi.DDILib:parsing: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\DDI\ddi\_protocol\_config.xml

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi:

INFO:ddi:---------- Start DDI command

INFO:ddi:+ command : Run DDI command

INFO:ddi:+ test config : C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\test\_config.json

INFO:ddi:+ ddi protocol: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\DDI\ddi\_protocol\_config.xml

INFO:ddi:+ meta : None

INFO:ddi:+ device prog : C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\prog\_firehose\_lite.elf

INFO:ddi:+ eDL port : COM4

INFO:ddi:+

INFO:ddi:-------------------------------------

INFO:ddi:

INFO:ddi:---------- Prepare for Connecting Device

INFO:ddi:current working dir: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode:

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--nop', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:13:52: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:13:52: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:13:52: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:13:52: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:13:52: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: {ERROR: XML not formed correctly. Expected a &lt; character at loc 0}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: {ERROR: 3. TAG not found or recognized}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: {ERROR:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:This can mean

DEBUG:ddi.FlashInterface: 1. You forgot to send DeviceProgrammer first (i.e. QSaharaServer.exe -s 13:prog\_emmc\_firehose\_8994\_lite.mbn)

DEBUG:ddi.FlashInterface: 2. OR, you did send DeviceProgrammer, but it has crashed and/or is not correct for this target

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Regardless this program speaks FIREHOSE protocol and your target is speaking SAHARA protcol, so this will not work

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

WARNING:ddi.FlashInterface:[WARNING] Run command end with errorcheck=True

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\QSaharaServer.exe', '-k', '-u', '4', '-s', '13:prog\_firehose\_lite.elf', '-b', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\SocPkg\\8250\\Bin\\LAA\\RELEASE\\']

DEBUG:ddi.FlashInterface:Binary build date: Sep 7 2018 @ 20:25:00

DEBUG:ddi.FlashInterface:QSAHARASERVER CALLED LIKE THIS: 'C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.ex'Current working dir: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode

DEBUG:ddi.FlashInterface:Sahara mappings:

DEBUG:ddi.FlashInterface:2: amss.mbn

DEBUG:ddi.FlashInterface:6: apps.mbn

DEBUG:ddi.FlashInterface:8: dsp1.mbn

DEBUG:ddi.FlashInterface:10: dbl.mbn

DEBUG:ddi.FlashInterface:11: osbl.mbn

DEBUG:ddi.FlashInterface:12: dsp2.mbn

DEBUG:ddi.FlashInterface:16: efs1.mbn

DEBUG:ddi.FlashInterface:17: efs2.mbn

DEBUG:ddi.FlashInterface:20: efs3.mbn

DEBUG:ddi.FlashInterface:21: sbl1.mbn

DEBUG:ddi.FlashInterface:22: sbl2.mbn

DEBUG:ddi.FlashInterface:23: rpm.mbn

DEBUG:ddi.FlashInterface:25: tz.mbn

DEBUG:ddi.FlashInterface:28: dsp3.mbn

DEBUG:ddi.FlashInterface:29: acdb.mbn

DEBUG:ddi.FlashInterface:30: wdt.mbn

DEBUG:ddi.FlashInterface:31: mba.mbn

DEBUG:ddi.FlashInterface:13: prog\_firehose\_lite.elf

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: Requested ID 13, file: "C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\prog\_firehose\_lite.elf"

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: 697812 bytes transferred in 0.094000 seconds (7.0796MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: File transferred successfully

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:52: Sahara protocol completed

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:

INFO:ddi:---------- Read XBL\_config partition

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=partition\_table', '--start\_sector=0', '--lun=0', '--num\_sectors=40', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:53: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:53: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:13:53: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:13:53: INFO: Looking for file 'partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:53: WARNING: Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:53: WARNING: User specified --num\_sectors=40 but file only has 40 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:53: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:13:53: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:13:53: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:13:53: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14

DEBUG:ddi.FlashInterface:'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Chip serial num: 1004633579 (0x3be17deb)'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Supported Functions (15):'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: nop'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: patch'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: setbootablestoragedrive'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: erase'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: power'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: firmwarewrite'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: getstorageinfo'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: benchmark'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: emmc'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: ufs'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: fixgpt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: getsha256digest'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: End of supported functions 15'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:13:54: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:13:54: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:13:54: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:13:54: INFO: In handleRead('partition\_table')

DEBUG:ddi.FlashInterface:18:13:54: INFO: Looking for file 'partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: WARNING: Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:18:13:54: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:13:54: INFO: <read> (160.0KB) 40 sectors from location 0 FILE: 'partition\_table'

DEBUG:ddi.FlashInterface:18:13:54: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:13:54: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:13:54: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:13:54: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:54: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:13:54: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:13:54: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:54: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=40 but file only has 40 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:54: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:13:54: INFO: | |

DEBUG:ddi.FlashInterface:18:13:54: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:13:54: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:13:54: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:13:54: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:13:54: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:54: INFO: Overall to target 0.266 seconds (601.50 KBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition xbl\_config saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\partition\_table

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

DEBUG:ddi.FlashInterface: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf is not present , skip delete

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=xbl\_config.elf', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:13:55: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:13:55: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: WARNING: Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: WARNING: User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:13:55: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:13:55: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:13:55: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:13:55: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:13:55: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:13:55: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:13:55: INFO: In handleRead('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:13:55: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: WARNING: Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:18:13:55: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:13:55: INFO: <read> (128.0KB) 32 sectors from location 902 FILE: 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:13:55: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:13:55: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:13:55: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:13:55: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:55: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:13:55: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:13:55: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:55: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:13:55: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:13:55: INFO: | |

DEBUG:ddi.FlashInterface:18:13:55: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:13:55: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:13:55: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:13:55: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:13:55: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:13:55: INFO: Overall to target 0.047 seconds (2.66 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition xbl\_config saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf

INFO:ddi:

INFO:ddi:---------- Create new XBL\_config partition

DEBUG:ddi.DDILib:Param Name: DDI Version

DEBUG:ddi.DDILib:Name: DDI Version

DEBUG:ddi.DDILib:Type: uint32 (I)

DEBUG:ddi.DDILib:Default: 0x00010000

DEBUG:ddi.DDILib:Set Val: 65536

DEBUG:ddi.DDILib:Param Name: Boot Location ID

DEBUG:ddi.DDILib:Name: Boot Location ID

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Option Name: EDL

DEBUG:ddi.DDILib:Option val: 0

DEBUG:ddi.DDILib:Option Name: HLOS

DEBUG:ddi.DDILib:Option val: 1

DEBUG:ddi.DDILib:Param Name: Number of Commands

DEBUG:ddi.DDILib:Name: Number of Commands

DEBUG:ddi.DDILib:Type: uint32 (I)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:Param Name: Padding

DEBUG:ddi.DDILib:Name: Padding

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 3

DEBUG:ddi.DDILib:Set Val: 3

DEBUG:ddi.DDILib:CommandID: 0

DEBUG:ddi.DDILib:Name: Read

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: Start Addr

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: End Addr

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: Repeat Count

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 1

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:\_\_get\_xbl\_config\_tools, init

INFO:ddi.DDILib:NOT COPY XBLConfig tools to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig

INFO:ddi.DDILib:reason: folder exist: True, force\_copy: False

INFO:ddi.DDILib:NOT COPY sectools to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

INFO:ddi.DDILib:reason: folder exist: True, force\_copy: False

DEBUG:ddi.DDILib:\_\_get\_xbl\_config\_tools, end

DEBUG:ddi.DDILib:python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

INFO:ddi.DDILib: Running cmd: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib:['python', 'GenXBLConfig.py', '-d', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\xbl\_config.elf', '-f', 'ELF', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose']

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Disassembling elf.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Disassembled elf info generated in:"C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\disassembled\_elf\_info.json"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Parsing XBL config meta-data and disassembling XBL config items .........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Disassembled XBL Config Meta table.

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Header-----------------------------------------------------

DEBUG:ddi.DDILib:xbl\_cfg\_value major\_version minor\_version cfg\_item\_entries\_num meta\_data\_size

DEBUG:ddi.DDILib: CFGL 0x1 0x1 0x3 0x84

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Entries----------------------------------------------------

DEBUG:ddi.DDILib:attributes offset\_from\_meta\_start item\_size config\_name\_len config\_name align\_bytes

DEBUG:ddi.DDILib: 0x0 0x84 0x972c 0x12 /pmic\_settings.bin 0x6

DEBUG:ddi.DDILib: 0x0 0x97b0 0x5bf0 0x14 /6008\_0100\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib: 0x0 0xf3a0 0x5bf0 0x14 /6008\_0200\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib:--------------------------------------------------------------------------------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Generated XBL config items and "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Disassembled XBL config items and .json can be found in directory:"C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose".

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:To create xbl\_config.elf from disassembled items, please execute below command:

DEBUG:ddi.DDILib:"python C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig/GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\sectools"

DEBUG:ddi.DDILib: popo1: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: popo2: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: popo3: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: Run command successfully

DEBUG:ddi.DDILib:Matched bin to DDILib BIN\_NAMES name:DDI\_INPUT path:C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\DDI\_INPUT.bin

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_PRE\_TRAINING DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RD DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WR DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RCW DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WRLVL DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_CBT DCB sub-block not populated

INFO:ddi.DDILib:[INFO] DCB \_6008\_0100\_1\_dcb.bin, CRC 0x25DDB38F, 896B free (22640/23536 used)

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_PRE\_TRAINING DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RD DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WR DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RCW DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WRLVL DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_CBT DCB sub-block not populated

INFO:ddi.DDILib:[INFO] DCB \_6008\_0200\_1\_dcb.bin, CRC 0xD80F793D, 144B free (23392/23536 used)

INFO:ddi.DDILib: Running cmd: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib:['python', 'GenXBLConfig.py', '-i', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose\\create\_xbl\_config.json', '-b', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose', '-f', 'ELF', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\compose\\xbl\_config', '--sectools\_directory', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\sectools']

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Generating XBL CFG meta-data.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Header-----------------------------------------------------

DEBUG:ddi.DDILib:xbl\_cfg\_value major\_version minor\_version cfg\_item\_entries\_num meta\_data\_size

DEBUG:ddi.DDILib: CFGL 0x1 0x1 0x3 0x84

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Entries----------------------------------------------------

DEBUG:ddi.DDILib:attributes offset\_from\_meta\_start item\_size config\_name\_len config\_name align\_bytes

DEBUG:ddi.DDILib: 0x0 0x84 0x972c 0x12 /pmic\_settings.bin 0x6

DEBUG:ddi.DDILib: 0x0 0x97b0 0x5bf0 0x14 /6008\_0100\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib: 0x0 0xf3a0 0x5bf0 0x14 /6008\_0200\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib:--------------------------------------------------------------------------------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Generating elf.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Generated elf "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Logging to C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\SecImage\_log.txt

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib: SecImage v5.24 launched as: "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools/sectools.py secimage -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen/elf\_files/create\_cli/xbl\_config.elf -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen -sa -g xbl\_config -c C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools/config/integration/secimagev3.xml --cfg\_segment\_hash\_algorithm sha384 --cfg\_soc\_hw\_version 0x60000000 --cfg\_in\_use\_soc\_hw\_version 1 --cfg\_soc\_vers 0x6000 0x6001"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Config path is set to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools\config\integration\secimagev3.xml

DEBUG:ddi.DDILib:WARNING: OEM ID is set to 0 for sign\_id "xbl\_config"

DEBUG:ddi.DDILib:------------------------------------------------------

DEBUG:ddi.DDILib:Processing 1/1: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Performing OEM sign on image: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf

DEBUG:ddi.DDILib:Signed image is stored at C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf

DEBUG:ddi.DDILib:OEM signed image with RSAPSS

DEBUG:ddi.DDILib:Image C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf signature is valid

DEBUG:ddi.DDILib:Image C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf is not encrypted

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Base Properties:

DEBUG:ddi.DDILib:| Integrity Check | True |

DEBUG:ddi.DDILib:| Signed | True |

DEBUG:ddi.DDILib:| Encrypted | False |

DEBUG:ddi.DDILib:| Size of signature | 256 |

DEBUG:ddi.DDILib:| Size of one cert | 2048 |

DEBUG:ddi.DDILib:| Num of certs in cert chain | 3 |

DEBUG:ddi.DDILib:| Number of root certs | 1 |

DEBUG:ddi.DDILib:| Maximum number of root certs| None |

DEBUG:ddi.DDILib:| Cert chain size | 6144 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:ELF Properties:

DEBUG:ddi.DDILib:Header:

DEBUG:ddi.DDILib:| Magic | ELF |

DEBUG:ddi.DDILib:| Class | ELF64 |

DEBUG:ddi.DDILib:| Data | 2's complement, little endian |

DEBUG:ddi.DDILib:| Version | 1 (Current) |

DEBUG:ddi.DDILib:| OS/ABI | No extensions or unspecified |

DEBUG:ddi.DDILib:| ABI Version | 0 |

DEBUG:ddi.DDILib:| Type | EXEC (Executable file) |

DEBUG:ddi.DDILib:| Machine | Advanced RISC Machines ARM |

DEBUG:ddi.DDILib:| Version | 0x1 |

DEBUG:ddi.DDILib:| Entry address | 0x148d0000 |

DEBUG:ddi.DDILib:| Program headers offset | 0x00000040 |

DEBUG:ddi.DDILib:| Section headers offset | 0x00000000 |

DEBUG:ddi.DDILib:| Flags | 0x00000005 |

DEBUG:ddi.DDILib:| ELF header size | 64 |

DEBUG:ddi.DDILib:| Program headers size | 56 |

DEBUG:ddi.DDILib:| Number of program headers | 4 |

DEBUG:ddi.DDILib:| Section headers size | 0 |

DEBUG:ddi.DDILib:| Number of section headers | 0 |

DEBUG:ddi.DDILib:| String table section index | 0 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Program Headers:

DEBUG:ddi.DDILib:| Num | Type | Offset | VirtAddr | PhysAddr | FileSize | MemSize | Flags | Align |

DEBUG:ddi.DDILib:|-----|------|--------|----------|----------|----------|---------|-------|-------|

DEBUG:ddi.DDILib:| 1 | LOAD |0x03000 |0x148d0000|0x148d0000| 0x0084 | 0x0084 | RWE | 0x1 |

DEBUG:ddi.DDILib:| 2 | LOAD |0x03084 |0x148d0084|0x148d0084| 0x972c | 0x972c | RWE | 0x1 |

DEBUG:ddi.DDILib:| 3 | LOAD |0x0c7b0 |0x148d97b0|0x148d97b0| 0x5bf0 | 0x5bf0 | RWE | 0x1 |

DEBUG:ddi.DDILib:| 4 | LOAD |0x123a0 |0x148df3a0|0x148df3a0| 0x5bf0 | 0x5bf0 | RWE | 0x1 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Hash Segment Properties:

DEBUG:ddi.DDILib:| Header Size | 168B |

DEBUG:ddi.DDILib:| Hash Algorithm | sha384|

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Header:

DEBUG:ddi.DDILib:| cert\_chain\_ptr | 0xffffffff |

DEBUG:ddi.DDILib:| cert\_chain\_size | 0x00001800 |

DEBUG:ddi.DDILib:| cert\_chain\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| code\_size | 0x00000120 |

DEBUG:ddi.DDILib:| image\_id | 0x00000000 |

DEBUG:ddi.DDILib:| image\_size | 0x00001a20 |

DEBUG:ddi.DDILib:| metadata\_major\_version | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_major\_version\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_minor\_version | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_minor\_version\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_size | 0x00000078 |

DEBUG:ddi.DDILib:| metadata\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| sig\_ptr | 0xffffffff |

DEBUG:ddi.DDILib:| sig\_size | 0x00000100 |

DEBUG:ddi.DDILib:| sig\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| version | 0x00000006 |

DEBUG:ddi.DDILib:Metadata:

DEBUG:ddi.DDILib:| anti\_rollback\_version | 0x00000000 |

DEBUG:ddi.DDILib:| app\_id | 0x00000000 |

DEBUG:ddi.DDILib:| debug | 0x00000001 |

DEBUG:ddi.DDILib:| hw\_id | 0x00000000 |

DEBUG:ddi.DDILib:| in\_use\_soc\_hw\_version | 0x00000001 |

DEBUG:ddi.DDILib:| model\_id | 0x00000000 |

DEBUG:ddi.DDILib:| mrc\_index | 0x00000000 |

DEBUG:ddi.DDILib:| multi\_serial\_numbers | 0x00000000 |

DEBUG:ddi.DDILib:| oem\_id | 0x00000000 |

DEBUG:ddi.DDILib:| oem\_id\_independent | 0x00000000 |

DEBUG:ddi.DDILib:| root\_revoke\_activate\_enable | 0x00000000 |

DEBUG:ddi.DDILib:| rot\_en | 0x00000000 |

DEBUG:ddi.DDILib:| soc\_vers | 0x00006000 0x00006001 |

DEBUG:ddi.DDILib:| sw\_id | 0x00000025 |

DEBUG:ddi.DDILib:| uie\_key\_switch\_enable | 0x00000000 |

DEBUG:ddi.DDILib:| use\_serial\_number\_in\_signing | 0x00000000 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:SUMMARY:

DEBUG:ddi.DDILib:Following actions were performed: "sign, validate"

DEBUG:ddi.DDILib:Output is saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:| Idx | SignId | Parse | Integrity | Sign | Encrypt | Validate |

DEBUG:ddi.DDILib:| | | | | | | Parse | Integrity | Sign | Encrypt |

DEBUG:ddi.DDILib:|-----|------------|-------|-----------|------|---------|-------|-----------|------|---------|

DEBUG:ddi.DDILib:| 1. | xbl\_config | T | NA | T | NA | T | T | T | NA |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:\*\*\*\*\*\*\*\*\*\*\*\*\* Sign generated Elf \*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib: Signed image: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose/xbl\_config.elf

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:\*\*\*\*\*\*\*\*\*\*\*\*\* Signing Successful \*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.DDILib: popo1: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: popo2: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: popo3: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: Run command successfully

INFO:ddi:new xbl\_config generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=xbl\_config.elf', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\compose', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\

DEBUG:ddi.FlashInterface:18:14:08: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:14:08: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: WARNING: User specified --num\_sectors=32 but file only has 24 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:14:08: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:14:08: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:14:08: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:14:08: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:14:08: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:14:08: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:14:08: INFO: In handleProgram('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:14:08: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:14:08: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:08: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf'}

DEBUG:ddi.FlashInterface:18:14:08: INFO: {<program> (95.89 KB) 24 sectors needed at location 902 on LUN 1}

DEBUG:ddi.FlashInterface:18:14:08: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:14:08: INFO:

DEBUG:ddi.FlashInterface:18:14:08: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:08: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:14:08: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:08: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:14:08: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:14:08: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:08: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 24 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:08: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:14:08: INFO: | |

DEBUG:ddi.FlashInterface:18:14:08: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:14:08: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:14:08: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:14:08: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:14:08: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:08: INFO: Overall to target 0.094 seconds (1020.11 KBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new xbl\_config flashed to device

INFO:ddi:

INFO:ddi:---------- Update DDR partition and clear DDI area

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

DEBUG:ddi.FlashInterface: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin is not present , skip delete

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=zeros\_5sectors.bin', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:09: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:09: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:14:09: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:14:10: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:14:10: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:14:10: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:14:10: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:14:10: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:14:10: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:14:10: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:14:10: INFO: In handleRead('zeros\_5sectors.bin')

DEBUG:ddi.FlashInterface:18:14:10: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: <read> (2048.0KB) 512 sectors from location 64 FILE: 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: Overall to target 0.032 seconds (62.50 MBps)

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:14:10: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:14:10: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:14:10: INFO: | |

DEBUG:ddi.FlashInterface:18:14:10: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:14:10: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:14:10: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:14:10: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:14:10: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: Overall to target 0.125 seconds (16.00 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition ddr saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=ddr\_edit.bin', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:14:10: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:14:10: INFO: Looking for file 'ddr\_edit.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:14:10: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:14:10: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:14:10: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:14:10: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:14:10: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:14:10: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:14:10: INFO: In handleProgram('ddr\_edit.bin')

DEBUG:ddi.FlashInterface:18:14:10: INFO: Looking for file 'ddr\_edit.bin'

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\ddr\_edit.bin'}

DEBUG:ddi.FlashInterface:18:14:10: INFO: {<program> (2.00 MB) 512 sectors needed at location 64 on LUN 3}

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: Overall to target 0.062 seconds (32.26 MBps)

DEBUG:ddi.FlashInterface:18:14:10: INFO:

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:14:10: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:14:10: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:14:10: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\ddr\_edit.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:10: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:14:10: INFO: | |

DEBUG:ddi.FlashInterface:18:14:10: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:14:10: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:14:10: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:14:10: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:14:10: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:10: INFO: Overall to target 0.125 seconds (16.00 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new ddr partition flashed to device

INFO:ddi:

INFO:ddi:---------- Reset Device

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--memoryname=ufs', '--reset', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:14:11: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:14:11: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:14:11: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:14:11: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:14:11: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:14:11: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:14:11: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:14:11: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:14:11: INFO: Sending <power>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: TARGET SAID: 'INFO: Calling handler for power'

DEBUG:ddi.FlashInterface:18:14:11: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:14:11: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:14:11: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:14:11: INFO: | |

DEBUG:ddi.FlashInterface:18:14:11: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:14:11: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:14:11: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:14:11: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:14:11: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:14:11: INFO: Overall to target 0.062 seconds (0.00 Bps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: Run command successfully

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi:

INFO:ddi:---------- Setup Sahara mode

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--nop', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:17:18: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:17:18: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:17:18: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:17:18: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:17:18: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: {ERROR: XML not formed correctly. Expected a &lt; character at loc 0}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: {ERROR: 3. TAG not found or recognized}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: {ERROR:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:This can mean

DEBUG:ddi.FlashInterface: 1. You forgot to send DeviceProgrammer first (i.e. QSaharaServer.exe -s 13:prog\_emmc\_firehose\_8994\_lite.mbn)

DEBUG:ddi.FlashInterface: 2. OR, you did send DeviceProgrammer, but it has crashed and/or is not correct for this target

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Regardless this program speaks FIREHOSE protocol and your target is speaking SAHARA protcol, so this will not work

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

WARNING:ddi.FlashInterface:[WARNING] Run command end with errorcheck=True

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\QSaharaServer.exe', '-k', '-u', '4', '-s', '13:prog\_firehose\_lite.elf', '-b', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\SocPkg\\8250\\Bin\\LAA\\RELEASE\\']

DEBUG:ddi.FlashInterface:Binary build date: Sep 7 2018 @ 20:25:00

DEBUG:ddi.FlashInterface:QSAHARASERVER CALLED LIKE THIS: 'C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.ex'Current working dir: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode

DEBUG:ddi.FlashInterface:Sahara mappings:

DEBUG:ddi.FlashInterface:2: amss.mbn

DEBUG:ddi.FlashInterface:6: apps.mbn

DEBUG:ddi.FlashInterface:8: dsp1.mbn

DEBUG:ddi.FlashInterface:10: dbl.mbn

DEBUG:ddi.FlashInterface:11: osbl.mbn

DEBUG:ddi.FlashInterface:12: dsp2.mbn

DEBUG:ddi.FlashInterface:16: efs1.mbn

DEBUG:ddi.FlashInterface:17: efs2.mbn

DEBUG:ddi.FlashInterface:20: efs3.mbn

DEBUG:ddi.FlashInterface:21: sbl1.mbn

DEBUG:ddi.FlashInterface:22: sbl2.mbn

DEBUG:ddi.FlashInterface:23: rpm.mbn

DEBUG:ddi.FlashInterface:25: tz.mbn

DEBUG:ddi.FlashInterface:28: dsp3.mbn

DEBUG:ddi.FlashInterface:29: acdb.mbn

DEBUG:ddi.FlashInterface:30: wdt.mbn

DEBUG:ddi.FlashInterface:31: mba.mbn

DEBUG:ddi.FlashInterface:13: prog\_firehose\_lite.elf

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: Requested ID 13, file: "C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\prog\_firehose\_lite.elf"

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: 697812 bytes transferred in 0.109000 seconds (6.1054MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: File transferred successfully

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:18: Sahara protocol completed

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:

INFO:ddi:---------- Read DDI command result

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=zeros\_5sectors.bin', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:17:19: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:17:19: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:17:19: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:17:19: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:17:19: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14

DEBUG:ddi.FlashInterface:'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Chip serial num: 1004633579 (0x3be17deb)'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Supported Functions (15):'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: nop'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: patch'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: setbootablestoragedrive'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: erase'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: power'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: firmwarewrite'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: getstorageinfo'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: benchmark'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: emmc'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: ufs'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: fixgpt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: getsha256digest'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: End of supported functions 15'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:17:19: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:17:19: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:17:19: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:17:19: INFO: In handleRead('zeros\_5sectors.bin')

DEBUG:ddi.FlashInterface:18:17:19: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:18:17:19: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:17:19: INFO: <read> (2048.0KB) 512 sectors from location 64 FILE: 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:18:17:19: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:19: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:20: INFO: Overall to target 0.016 seconds (125.00 MBps)

DEBUG:ddi.FlashInterface:18:17:20: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:17:20: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:17:20: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:20: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:20: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:17:20: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:17:20: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:20: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:20: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:20: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:20: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:17:20: INFO: | |

DEBUG:ddi.FlashInterface:18:17:20: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:17:20: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:17:20: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:17:20: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:17:20: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:20: INFO: Overall to target 0.297 seconds (6.73 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:read ddr partition from device at C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=xbl\_config.elf', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:17:21: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:17:21: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: WARNING: User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:17:21: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:17:21: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:17:21: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:17:21: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:17:21: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:17:21: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:17:21: INFO: In handleProgram('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:17:21: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:17:21: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:17:21: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'}

DEBUG:ddi.FlashInterface:18:17:21: INFO: {<program> (128.00 KB) 32 sectors needed at location 902 on LUN 1}

DEBUG:ddi.FlashInterface:18:17:21: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:17:21: INFO:

DEBUG:ddi.FlashInterface:18:17:21: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:17:21: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:17:21: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:21: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:17:21: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:17:21: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:21: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:17:21: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:17:21: INFO: | |

DEBUG:ddi.FlashInterface:18:17:21: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:17:21: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:17:21: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:17:21: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:17:21: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:17:21: INFO: Overall to target 0.094 seconds (1.33 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new xbl\_config flashed to device

DEBUG:ddi.DDILib:Output Header Size: 8

DEBUG:ddi.DDILib:Name: Test Status

DEBUG:ddi.DDILib:Value: 1

DEBUG:ddi.DDILib:Name: Memory Type

DEBUG:ddi.DDILib:Value: 8

INFO:ddi:test\_output.json generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\test\_output.json

INFO:ddi:

DEBUG:ddi:end of script: argv: %s['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\DDI\\ddi.py', '-p', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\DDI\\ddi\_protocol\_config.xml', '--target=SM8250', '--flash=ufs', '-v', 'DEBUG', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', 'full', '-l', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\SocPkg\\8250\\Bin\\LAA\\RELEASE\\prog\_firehose\_lite.elf', '-x', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\partition.xml', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\rawprogram1.xml', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\rawprogram3.xml', '-t', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\test\_config.json', '--port', '4']

INFO:ddi:output generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\run\_output

INFO:ddi:---------- Finish DDI command

1. **Write Test**

* **Parameters**
* Start Addr: 0
* End Addr: 0
* Repeat Count: 1
* WR flags: 1
* Random seed: 0
* Random stride: 0
* **Logs**

[QDUTT Logs\ddi\_debug\_log\_1642510515 (Write).txt](QDUTT%20Logs/ddi_debug_log_1642510515%20(Write).txt)

INFO:ddi.DDILib:DDI Lib target config SM8250

INFO:ddi.DDILib:parsing: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\DDI\ddi\_protocol\_config.xml

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi:

INFO:ddi:---------- Start DDI command

INFO:ddi:+ command : Run DDI command

INFO:ddi:+ test config : C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\test\_config.json

INFO:ddi:+ ddi protocol: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\DDI\ddi\_protocol\_config.xml

INFO:ddi:+ meta : None

INFO:ddi:+ device prog : C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\prog\_firehose\_lite.elf

INFO:ddi:+ eDL port : COM4

INFO:ddi:+

INFO:ddi:-------------------------------------

INFO:ddi:

INFO:ddi:---------- Prepare for Connecting Device

INFO:ddi:current working dir: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode:

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--nop', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:15: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:15: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:15: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:15: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:15: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Storage type set to value eMMC'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:15: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:15: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:15: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Calling handler for NOP'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14

DEBUG:ddi.FlashInterface:'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Chip serial num: 1004633579 (0x3be17deb)'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: Supported Functions (15):'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: nop'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: patch'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: setbootablestoragedrive'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: erase'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: power'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: firmwarewrite'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: getstorageinfo'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: benchmark'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: emmc'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: ufs'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: fixgpt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: getsha256digest'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: TARGET SAID: 'INFO: End of supported functions 15'

DEBUG:ddi.FlashInterface:18:25:15: INFO: Got the PING response

DEBUG:ddi.FlashInterface:18:25:15: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:15: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:15: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:15: INFO: | |

DEBUG:ddi.FlashInterface:18:25:15: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:15: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:15: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:15: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:15: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:15: INFO: Overall to target 0.063 seconds (0.00 Bps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:

INFO:ddi:---------- Read XBL\_config partition

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=partition\_table', '--start\_sector=0', '--lun=0', '--num\_sectors=40', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:16: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:16: INFO: Looking for file 'partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: WARNING: Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: WARNING: User specified --num\_sectors=40 but file only has 40 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:16: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:16: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:16: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:16: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:16: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:16: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:16: INFO: In handleRead('partition\_table')

DEBUG:ddi.FlashInterface:18:25:16: INFO: Looking for file 'partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: WARNING: Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:18:25:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:16: INFO: <read> (160.0KB) 40 sectors from location 0 FILE: 'partition\_table'

DEBUG:ddi.FlashInterface:18:25:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: Overall to target 0.015 seconds (10.42 MBps)

DEBUG:ddi.FlashInterface:18:25:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:16: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:25:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:16: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:16: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:25:16: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\partition\_table'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:16: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=40 but file only has 40 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'partition\_table', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:16: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:16: INFO: | |

DEBUG:ddi.FlashInterface:18:25:16: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:16: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:16: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:16: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:16: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:16: INFO: Overall to target 0.078 seconds (2.00 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=partition\_table --start\_sector=0 --lun=0 --num\_sectors=40 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition xbl\_config saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\partition\_table

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=xbl\_config.elf', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:18: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:18: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: WARNING: Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: WARNING: User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:18: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:18: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:18: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:18: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:18: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:18: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:18: INFO: In handleRead('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:25:18: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: WARNING: Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:18:25:18: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:18: INFO: <read> (128.0KB) 32 sectors from location 902 FILE: 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:25:18: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:25:18: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:18: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:25:18: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:18: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:18: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:25:18: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:18: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'xbl\_config.elf', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:18: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:18: INFO: | |

DEBUG:ddi.FlashInterface:18:25:18: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:18: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:18: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:18: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:18: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:18: INFO: Overall to target 0.093 seconds (1.34 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=xbl\_config.elf --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition xbl\_config saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf

INFO:ddi:

INFO:ddi:---------- Create new XBL\_config partition

DEBUG:ddi.DDILib:Param Name: DDI Version

DEBUG:ddi.DDILib:Name: DDI Version

DEBUG:ddi.DDILib:Type: uint32 (I)

DEBUG:ddi.DDILib:Default: 0x00010000

DEBUG:ddi.DDILib:Set Val: 65536

DEBUG:ddi.DDILib:Param Name: Boot Location ID

DEBUG:ddi.DDILib:Name: Boot Location ID

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Option Name: EDL

DEBUG:ddi.DDILib:Option val: 0

DEBUG:ddi.DDILib:Option Name: HLOS

DEBUG:ddi.DDILib:Option val: 1

DEBUG:ddi.DDILib:Param Name: Number of Commands

DEBUG:ddi.DDILib:Name: Number of Commands

DEBUG:ddi.DDILib:Type: uint32 (I)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:Param Name: Padding

DEBUG:ddi.DDILib:Name: Padding

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 3

DEBUG:ddi.DDILib:Set Val: 3

DEBUG:ddi.DDILib:CommandID: 1

DEBUG:ddi.DDILib:Name: Write

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:Name: Start Addr

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: End Addr

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: Repeat Count

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 1

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:Name: WR Flags

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 1

DEBUG:ddi.DDILib:Set Val: 1

DEBUG:ddi.DDILib:Name: Random Seed

DEBUG:ddi.DDILib:Type: uint32 (I)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: Random Stride

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Name: Padding

DEBUG:ddi.DDILib:Type: uint8 (B)

DEBUG:ddi.DDILib:Default: 3

DEBUG:ddi.DDILib:Set Val: 3

DEBUG:ddi.DDILib:Parsing ParamArray

DEBUG:ddi.DDILib:None

DEBUG:ddi.DDILib:Name: Pattern Data Packet

DEBUG:ddi.DDILib:Type: uint64 (Q)

DEBUG:ddi.DDILib:Default: 0

DEBUG:ddi.DDILib:Set Val: 0

DEBUG:ddi.DDILib:Size: 0

DEBUG:ddi.DDILib:\_\_get\_xbl\_config\_tools, init

INFO:ddi.DDILib:NOT COPY XBLConfig tools to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig

INFO:ddi.DDILib:reason: folder exist: True, force\_copy: False

INFO:ddi.DDILib:NOT COPY sectools to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

INFO:ddi.DDILib:reason: folder exist: True, force\_copy: False

DEBUG:ddi.DDILib:\_\_get\_xbl\_config\_tools, end

DEBUG:ddi.DDILib:python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

INFO:ddi.DDILib: Running cmd: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib:['python', 'GenXBLConfig.py', '-d', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\xbl\_config.elf', '-f', 'ELF', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose']

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Disassembling elf.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Disassembled elf info generated in:"C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\disassembled\_elf\_info.json"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Parsing XBL config meta-data and disassembling XBL config items .........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Disassembled XBL Config Meta table.

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Header-----------------------------------------------------

DEBUG:ddi.DDILib:xbl\_cfg\_value major\_version minor\_version cfg\_item\_entries\_num meta\_data\_size

DEBUG:ddi.DDILib: CFGL 0x1 0x1 0x3 0x84

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Entries----------------------------------------------------

DEBUG:ddi.DDILib:attributes offset\_from\_meta\_start item\_size config\_name\_len config\_name align\_bytes

DEBUG:ddi.DDILib: 0x0 0x84 0x972c 0x12 /pmic\_settings.bin 0x6

DEBUG:ddi.DDILib: 0x0 0x97b0 0x5bf0 0x14 /6008\_0100\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib: 0x0 0xf3a0 0x5bf0 0x14 /6008\_0200\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib:--------------------------------------------------------------------------------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Generated XBL config items and "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Disassembled XBL config items and .json can be found in directory:"C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose".

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:To create xbl\_config.elf from disassembled items, please execute below command:

DEBUG:ddi.DDILib:"python C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig/GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\sectools"

DEBUG:ddi.DDILib: popo1: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: popo2: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: popo3: python GenXBLConfig.py -d C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose

DEBUG:ddi.DDILib: Run command successfully

DEBUG:ddi.DDILib:Matched bin to DDILib BIN\_NAMES name:DDI\_INPUT path:C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\DDI\_INPUT.bin

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_PRE\_TRAINING DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RD DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WR DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RCW DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WRLVL DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_CBT DCB sub-block not populated

INFO:ddi.DDILib:[INFO] DCB \_6008\_0100\_1\_dcb.bin, CRC 0xF614090E, 896B free (22640/23536 used)

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_PRE\_TRAINING DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RD DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WR DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_RCW DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_WRLVL DCB sub-block not populated

WARNING:ddi.DDILib:[WARNING] MC\_PXI\_CBT DCB sub-block not populated

INFO:ddi.DDILib:[INFO] DCB \_6008\_0200\_1\_dcb.bin, CRC 0x0BC6C3BC, 144B free (23392/23536 used)

INFO:ddi.DDILib: Running cmd: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib:['python', 'GenXBLConfig.py', '-i', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose\\create\_xbl\_config.json', '-b', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\decompose', '-f', 'ELF', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\compose\\xbl\_config', '--sectools\_directory', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\sectools']

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:XBLconfig\_metadata\_generator.py: Generating XBL CFG meta-data.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Header-----------------------------------------------------

DEBUG:ddi.DDILib:xbl\_cfg\_value major\_version minor\_version cfg\_item\_entries\_num meta\_data\_size

DEBUG:ddi.DDILib: CFGL 0x1 0x1 0x3 0x84

DEBUG:ddi.DDILib:-----------------------------------------------------XBL Config Meta Entries----------------------------------------------------

DEBUG:ddi.DDILib:attributes offset\_from\_meta\_start item\_size config\_name\_len config\_name align\_bytes

DEBUG:ddi.DDILib: 0x0 0x84 0x972c 0x12 /pmic\_settings.bin 0x6

DEBUG:ddi.DDILib: 0x0 0x97b0 0x5bf0 0x14 /6008\_0100\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib: 0x0 0xf3a0 0x5bf0 0x14 /6008\_0200\_1\_dcb.bin 0x4

DEBUG:ddi.DDILib:--------------------------------------------------------------------------------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Generating elf.........

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:elf\_gen.py: Generated elf "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Logging to C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\SecImage\_log.txt

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib: SecImage v5.24 launched as: "C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools/sectools.py secimage -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen/elf\_files/create\_cli/xbl\_config.elf -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen -sa -g xbl\_config -c C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools/config/integration/secimagev3.xml --cfg\_segment\_hash\_algorithm sha384 --cfg\_soc\_hw\_version 0x60000000 --cfg\_in\_use\_soc\_hw\_version 1 --cfg\_soc\_vers 0x6000 0x6001"

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Config path is set to: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools\config\integration\secimagev3.xml

DEBUG:ddi.DDILib:WARNING: OEM ID is set to 0 for sign\_id "xbl\_config"

DEBUG:ddi.DDILib:------------------------------------------------------

DEBUG:ddi.DDILib:Processing 1/1: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Performing OEM sign on image: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\elf\_files\create\_cli\xbl\_config.elf

DEBUG:ddi.DDILib:Signed image is stored at C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf

DEBUG:ddi.DDILib:OEM signed image with RSAPSS

DEBUG:ddi.DDILib:Image C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf signature is valid

DEBUG:ddi.DDILib:Image C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen\default\xbl\_config\xbl\_config.elf is not encrypted

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Base Properties:

DEBUG:ddi.DDILib:| Integrity Check | True |

DEBUG:ddi.DDILib:| Signed | True |

DEBUG:ddi.DDILib:| Encrypted | False |

DEBUG:ddi.DDILib:| Size of signature | 256 |

DEBUG:ddi.DDILib:| Size of one cert | 2048 |

DEBUG:ddi.DDILib:| Num of certs in cert chain | 3 |

DEBUG:ddi.DDILib:| Number of root certs | 1 |

DEBUG:ddi.DDILib:| Maximum number of root certs| None |

DEBUG:ddi.DDILib:| Cert chain size | 6144 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:ELF Properties:

DEBUG:ddi.DDILib:Header:

DEBUG:ddi.DDILib:| Magic | ELF |

DEBUG:ddi.DDILib:| Class | ELF64 |

DEBUG:ddi.DDILib:| Data | 2's complement, little endian |

DEBUG:ddi.DDILib:| Version | 1 (Current) |

DEBUG:ddi.DDILib:| OS/ABI | No extensions or unspecified |

DEBUG:ddi.DDILib:| ABI Version | 0 |

DEBUG:ddi.DDILib:| Type | EXEC (Executable file) |

DEBUG:ddi.DDILib:| Machine | Advanced RISC Machines ARM |

DEBUG:ddi.DDILib:| Version | 0x1 |

DEBUG:ddi.DDILib:| Entry address | 0x148d0000 |

DEBUG:ddi.DDILib:| Program headers offset | 0x00000040 |

DEBUG:ddi.DDILib:| Section headers offset | 0x00000000 |

DEBUG:ddi.DDILib:| Flags | 0x00000005 |

DEBUG:ddi.DDILib:| ELF header size | 64 |

DEBUG:ddi.DDILib:| Program headers size | 56 |

DEBUG:ddi.DDILib:| Number of program headers | 4 |

DEBUG:ddi.DDILib:| Section headers size | 0 |

DEBUG:ddi.DDILib:| Number of section headers | 0 |

DEBUG:ddi.DDILib:| String table section index | 0 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Program Headers:

DEBUG:ddi.DDILib:| Num | Type | Offset | VirtAddr | PhysAddr | FileSize | MemSize | Flags | Align |

DEBUG:ddi.DDILib:|-----|------|--------|----------|----------|----------|---------|-------|-------|

DEBUG:ddi.DDILib:| 1 | LOAD |0x03000 |0x148d0000|0x148d0000| 0x0084 | 0x0084 | RWE | 0x1 |

DEBUG:ddi.DDILib:| 2 | LOAD |0x03084 |0x148d0084|0x148d0084| 0x972c | 0x972c | RWE | 0x1 |

DEBUG:ddi.DDILib:| 3 | LOAD |0x0c7b0 |0x148d97b0|0x148d97b0| 0x5bf0 | 0x5bf0 | RWE | 0x1 |

DEBUG:ddi.DDILib:| 4 | LOAD |0x123a0 |0x148df3a0|0x148df3a0| 0x5bf0 | 0x5bf0 | RWE | 0x1 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Hash Segment Properties:

DEBUG:ddi.DDILib:| Header Size | 168B |

DEBUG:ddi.DDILib:| Hash Algorithm | sha384|

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:Header:

DEBUG:ddi.DDILib:| cert\_chain\_ptr | 0xffffffff |

DEBUG:ddi.DDILib:| cert\_chain\_size | 0x00001800 |

DEBUG:ddi.DDILib:| cert\_chain\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| code\_size | 0x00000120 |

DEBUG:ddi.DDILib:| image\_id | 0x00000000 |

DEBUG:ddi.DDILib:| image\_size | 0x00001a20 |

DEBUG:ddi.DDILib:| metadata\_major\_version | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_major\_version\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_minor\_version | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_minor\_version\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| metadata\_size | 0x00000078 |

DEBUG:ddi.DDILib:| metadata\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| sig\_ptr | 0xffffffff |

DEBUG:ddi.DDILib:| sig\_size | 0x00000100 |

DEBUG:ddi.DDILib:| sig\_size\_qti | 0x00000000 |

DEBUG:ddi.DDILib:| version | 0x00000006 |

DEBUG:ddi.DDILib:Metadata:

DEBUG:ddi.DDILib:| anti\_rollback\_version | 0x00000000 |

DEBUG:ddi.DDILib:| app\_id | 0x00000000 |

DEBUG:ddi.DDILib:| debug | 0x00000001 |

DEBUG:ddi.DDILib:| hw\_id | 0x00000000 |

DEBUG:ddi.DDILib:| in\_use\_soc\_hw\_version | 0x00000001 |

DEBUG:ddi.DDILib:| model\_id | 0x00000000 |

DEBUG:ddi.DDILib:| mrc\_index | 0x00000000 |

DEBUG:ddi.DDILib:| multi\_serial\_numbers | 0x00000000 |

DEBUG:ddi.DDILib:| oem\_id | 0x00000000 |

DEBUG:ddi.DDILib:| oem\_id\_independent | 0x00000000 |

DEBUG:ddi.DDILib:| root\_revoke\_activate\_enable | 0x00000000 |

DEBUG:ddi.DDILib:| rot\_en | 0x00000000 |

DEBUG:ddi.DDILib:| soc\_vers | 0x00006000 0x00006001 |

DEBUG:ddi.DDILib:| sw\_id | 0x00000025 |

DEBUG:ddi.DDILib:| uie\_key\_switch\_enable | 0x00000000 |

DEBUG:ddi.DDILib:| use\_serial\_number\_in\_signing | 0x00000000 |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:------------------------------------------------------

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:SUMMARY:

DEBUG:ddi.DDILib:Following actions were performed: "sign, validate"

DEBUG:ddi.DDILib:Output is saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\auto\_gen

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:| Idx | SignId | Parse | Integrity | Sign | Encrypt | Validate |

DEBUG:ddi.DDILib:| | | | | | | Parse | Integrity | Sign | Encrypt |

DEBUG:ddi.DDILib:|-----|------------|-------|-----------|------|---------|-------|-----------|------|---------|

DEBUG:ddi.DDILib:| 1. | xbl\_config | T | NA | T | NA | T | T | T | NA |

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:\*\*\*\*\*\*\*\*\*\*\*\*\* Sign generated Elf \*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib: Signed image: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose/xbl\_config.elf

DEBUG:ddi.DDILib:

DEBUG:ddi.DDILib:\*\*\*\*\*\*\*\*\*\*\*\*\* Signing Successful \*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.DDILib: popo1: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: popo2: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: popo3: python GenXBLConfig.py -i C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose\create\_xbl\_config.json -b C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\decompose -f ELF -o C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config --sectools\_directory C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\sectools

DEBUG:ddi.DDILib: Run command successfully

INFO:ddi:new xbl\_config generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=xbl\_config.elf', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\compose', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\

DEBUG:ddi.FlashInterface:18:25:31: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:31: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: WARNING: User specified --num\_sectors=32 but file only has 24 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:31: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:31: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:31: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:31: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:31: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:31: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:31: INFO: In handleProgram('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:25:31: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:25:31: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:31: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf'}

DEBUG:ddi.FlashInterface:18:25:31: INFO: {<program> (95.89 KB) 24 sectors needed at location 902 on LUN 1}

DEBUG:ddi.FlashInterface:18:25:31: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:25:31: INFO:

DEBUG:ddi.FlashInterface:18:25:31: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:31: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:25:31: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:31: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:31: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:25:31: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:31: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 24 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:31: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:31: INFO: | |

DEBUG:ddi.FlashInterface:18:25:31: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:31: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:31: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:31: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:31: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:31: INFO: Overall to target 0.094 seconds (1020.11 KBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xblconfig\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\compose --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new xbl\_config flashed to device

INFO:ddi:

INFO:ddi:---------- Update DDR partition and clear DDI area

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=zeros\_5sectors.bin', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:32: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:32: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:32: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:32: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:32: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:32: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:32: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:32: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:32: INFO: In handleRead('zeros\_5sectors.bin')

DEBUG:ddi.FlashInterface:18:25:32: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:18:25:32: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:32: INFO: <read> (2048.0KB) 512 sectors from location 64 FILE: 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:18:25:32: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: Overall to target 0.031 seconds (64.52 MBps)

DEBUG:ddi.FlashInterface:18:25:32: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:32: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:25:32: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:32: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:32: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:25:32: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:32: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:32: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:32: INFO: | |

DEBUG:ddi.FlashInterface:18:25:32: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:32: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:32: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:32: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:32: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:32: INFO: Overall to target 0.125 seconds (16.00 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:original partition ddr saved at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=ddr\_edit.bin', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:33: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:33: INFO: Looking for file 'ddr\_edit.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:33: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:33: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:33: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:33: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:33: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:33: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:33: INFO: In handleProgram('ddr\_edit.bin')

DEBUG:ddi.FlashInterface:18:25:33: INFO: Looking for file 'ddr\_edit.bin'

DEBUG:ddi.FlashInterface:18:25:33: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:33: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\ddr\_edit.bin'}

DEBUG:ddi.FlashInterface:18:25:33: INFO: {<program> (2.00 MB) 512 sectors needed at location 64 on LUN 3}

DEBUG:ddi.FlashInterface:18:25:33: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: Overall to target 0.063 seconds (31.75 MBps)

DEBUG:ddi.FlashInterface:18:25:33: INFO:

DEBUG:ddi.FlashInterface:18:25:33: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:25:33: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:25:33: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:33: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:33: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:25:33: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\ddr\_edit.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:33: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:33: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:33: INFO: | |

DEBUG:ddi.FlashInterface:18:25:33: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:33: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:33: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:33: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:33: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:33: INFO: Overall to target 0.140 seconds (14.29 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=ddr\_edit.bin --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new ddr partition flashed to device

INFO:ddi:

INFO:ddi:---------- Reset Device

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--memoryname=ufs', '--reset', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:25:34: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:25:34: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:25:34: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:25:34: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:25:34: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:25:34: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:25:34: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:25:34: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:25:34: INFO: Sending <power>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: TARGET SAID: 'INFO: Calling handler for power'

DEBUG:ddi.FlashInterface:18:25:34: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:25:34: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:25:34: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:25:34: INFO: | |

DEBUG:ddi.FlashInterface:18:25:34: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:25:34: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:25:34: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:25:34: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:25:34: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:25:34: INFO: Overall to target 0.078 seconds (0.00 Bps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --memoryname=ufs --reset --noprompt

DEBUG:ddi.FlashInterface: Run command successfully

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:Wait until Device is connected....

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port :

DEBUG:ddi.FlashInterface:Port : Qualcomm HS-USB QDLoader 9008 (COM4)

DEBUG:ddi.FlashInterface:4

DEBUG:ddi.FlashInterface:Port :

INFO:ddi.FlashInterface:device EDL/QDLoader port 4 is detected...

INFO:ddi:

INFO:ddi:---------- Setup Sahara mode

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--nop', '--noprompt']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:14: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:14: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:26:14: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:26:14: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:26:14: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:26:14: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:26:14: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: {ERROR: XML not formed correctly. Expected a &lt; character at loc 0}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: {ERROR: 3. TAG not found or recognized}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: \_\_\_\_\_

DEBUG:ddi.FlashInterface: | \_\_\_|

DEBUG:ddi.FlashInterface: | |\_\_ \_ \_\_ \_ \_\_ \_\_\_ \_ \_\_

DEBUG:ddi.FlashInterface: | \_\_| '\_\_| '\_\_/ \_ \| '\_\_|

DEBUG:ddi.FlashInterface: | |\_\_| | | | | (\_) | |

DEBUG:ddi.FlashInterface: \\_\_\_\_/\_| |\_| \\_\_\_/|\_|

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: {ERROR:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface: There is a chance your target is in SAHARA mode!!

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:This can mean

DEBUG:ddi.FlashInterface: 1. You forgot to send DeviceProgrammer first (i.e. QSaharaServer.exe -s 13:prog\_emmc\_firehose\_8994\_lite.mbn)

DEBUG:ddi.FlashInterface: 2. OR, you did send DeviceProgrammer, but it has crashed and/or is not correct for this target

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Regardless this program speaks FIREHOSE protocol and your target is speaking SAHARA protcol, so this will not work

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --nop --noprompt

WARNING:ddi.FlashInterface:[WARNING] Run command end with errorcheck=True

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\QSaharaServer.exe', '-k', '-u', '4', '-s', '13:prog\_firehose\_lite.elf', '-b', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\SocPkg\\8250\\Bin\\LAA\\RELEASE\\']

DEBUG:ddi.FlashInterface:Binary build date: Sep 7 2018 @ 20:25:00

DEBUG:ddi.FlashInterface:QSAHARASERVER CALLED LIKE THIS: 'C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.ex'Current working dir: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode

DEBUG:ddi.FlashInterface:Sahara mappings:

DEBUG:ddi.FlashInterface:2: amss.mbn

DEBUG:ddi.FlashInterface:6: apps.mbn

DEBUG:ddi.FlashInterface:8: dsp1.mbn

DEBUG:ddi.FlashInterface:10: dbl.mbn

DEBUG:ddi.FlashInterface:11: osbl.mbn

DEBUG:ddi.FlashInterface:12: dsp2.mbn

DEBUG:ddi.FlashInterface:16: efs1.mbn

DEBUG:ddi.FlashInterface:17: efs2.mbn

DEBUG:ddi.FlashInterface:20: efs3.mbn

DEBUG:ddi.FlashInterface:21: sbl1.mbn

DEBUG:ddi.FlashInterface:22: sbl2.mbn

DEBUG:ddi.FlashInterface:23: rpm.mbn

DEBUG:ddi.FlashInterface:25: tz.mbn

DEBUG:ddi.FlashInterface:28: dsp3.mbn

DEBUG:ddi.FlashInterface:29: acdb.mbn

DEBUG:ddi.FlashInterface:30: wdt.mbn

DEBUG:ddi.FlashInterface:31: mba.mbn

DEBUG:ddi.FlashInterface:13: prog\_firehose\_lite.elf

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: Requested ID 13, file: "C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\prog\_firehose\_lite.elf"

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: 697812 bytes transferred in 0.109000 seconds (6.1054MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: File transferred successfully

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:15: Sahara protocol completed

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\QSaharaServer.exe -k -u 4 -s 13:prog\_firehose\_lite.elf -b C:\Users\146688\Hello3\boot\_images\QcomPkg\SocPkg\8250\Bin\LAA\RELEASE\

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:

INFO:ddi:---------- Read DDI command result

DEBUG:ddi.FlashInterface:partition: ddr

DEBUG:ddi.FlashInterface:filename: zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:start\_sector: 64

DEBUG:ddi.FlashInterface:num\_sectors: 512

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--convertprogram2read', '--sendimage=zeros\_5sectors.bin', '--start\_sector=64', '--lun=3', '--num\_sectors=512', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:26:16: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:26:16: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: WARNING: User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:26:16: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:26:16: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:26:16: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Binary build date: Jan 5 2022 @ 10:46:14

DEBUG:ddi.FlashInterface:'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Chip serial num: 1004633579 (0x3be17deb)'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Supported Functions (15):'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: nop'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: patch'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: setbootablestoragedrive'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: erase'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: power'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: firmwarewrite'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: getstorageinfo'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: benchmark'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: emmc'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: ufs'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: fixgpt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: getsha256digest'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: End of supported functions 15'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:26:16: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:26:16: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:26:16: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:26:16: INFO: In handleRead('zeros\_5sectors.bin')

DEBUG:ddi.FlashInterface:18:26:16: INFO: Looking for file 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: WARNING: Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:18:26:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:26:16: INFO: <read> (2048.0KB) 512 sectors from location 64 FILE: 'zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:18:26:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: TARGET SAID: 'INFO: Calling handler for read'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: Overall to target 0.015 seconds (133.33 MBps)

DEBUG:ddi.FlashInterface:18:26:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:26:16: INFO: ===================== SUCCESS =========================

DEBUG:ddi.FlashInterface:18:26:16: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:16: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:26:16: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:26:16: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:16: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:User specified --num\_sectors=512 but file only has 512 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Couldn't find the file 'zeros\_5sectors.bin', returning NULL

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:16: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:26:16: INFO: | |

DEBUG:ddi.FlashInterface:18:26:16: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:26:16: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:26:16: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:26:16: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:26:16: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:16: INFO: Overall to target 0.297 seconds (6.73 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --convertprogram2read --sendimage=zeros\_5sectors.bin --start\_sector=64 --lun=3 --num\_sectors=512 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:read ddr partition from device at C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\zeros\_5sectors.bin

DEBUG:ddi.FlashInterface:partition: xbl\_config\_a

DEBUG:ddi.FlashInterface:filename: xbl\_config.elf

DEBUG:ddi.FlashInterface:start\_sector: 902

DEBUG:ddi.FlashInterface:num\_sectors: 32

INFO:ddi.FlashInterface: Running cmd: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\storage\\fh\_loader\\fh\_loader.exe', '--port=\\\\.\\COM4', '--sendimage=xbl\_config.elf', '--search\_path=C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', '--start\_sector=902', '--lun=1', '--num\_sectors=32', '--noprompt', '--zlpawarehost=1', '--memoryname=ufs']

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Base Version: 19.06.10.18.44

DEBUG:ddi.FlashInterface:Binary build date: Jun 10 2019 @ 18:44:32

DEBUG:ddi.FlashInterface:Incremental Build version: 19.06.10.18.44.32

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: FH\_LOADER WAS CALLED EXACTLY LIKE THIS

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: Current working dir (cwd): C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\

DEBUG:ddi.FlashInterface:18:26:17: INFO: Showing network mappings to allow debugging

DEBUG:ddi.FlashInterface:18:26:17: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: WARNING: User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: User wants to talk to port '\\.\COM4'

DEBUG:ddi.FlashInterface:18:26:17: INFO: Took 0.00000000 seconds to open port

DEBUG:ddi.FlashInterface:18:26:17: INFO: Sorting TAGS to ensure order is <configure>,<erase>, others, <patch>,<power>

DEBUG:ddi.FlashInterface:18:26:17: INFO: Sending <configure>

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: TARGET SAID: 'INFO: Calling handler for configure'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: TARGET SAID: 'INFO: Storage type set to value UFS'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: TARGET SAID: 'WARN: NAK: MaxPayloadSizeToTargetInBytes sent by host 1048576 larger than supported 16384'

DEBUG:ddi.FlashInterface:18:26:17: INFO: fh.attrs.MaxPayloadSizeToTargetInBytes = 16384

DEBUG:ddi.FlashInterface:18:26:17: INFO: fh.attrs.MaxPayloadSizeToTargetInBytesSupported = 16384

DEBUG:ddi.FlashInterface:18:26:17: INFO: Target returned NAK for your <configure> but it does not seem to be an error. This is ok, fh\_loader.exe attributes updated

DEBUG:ddi.FlashInterface:18:26:17: INFO: In handleProgram('xbl\_config.elf')

DEBUG:ddi.FlashInterface:18:26:17: INFO: Looking for file 'xbl\_config.elf'

DEBUG:ddi.FlashInterface:18:26:17: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:26:17: INFO: {<program> FILE: 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'}

DEBUG:ddi.FlashInterface:18:26:17: INFO: {<program> (128.00 KB) 32 sectors needed at location 902 on LUN 1}

DEBUG:ddi.FlashInterface:18:26:17: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: TARGET SAID: 'INFO: Calling handler for program'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: Time measurement too small --- Overall to target 0.0 seconds (0Bps)

DEBUG:ddi.FlashInterface:18:26:17: INFO:

DEBUG:ddi.FlashInterface:18:26:17: INFO: =======================================================

DEBUG:ddi.FlashInterface:18:26:17: INFO: ==================== {SUCCESS} ========================

DEBUG:ddi.FlashInterface:18:26:17: INFO: =======================================================

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:17: INFO: Files used and their paths

DEBUG:ddi.FlashInterface:18:26:17: INFO: 1 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:18:26:17: INFO: 2 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\xbl\_config.elf'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: (\_)

DEBUG:ddi.FlashInterface: \_\_ \_\_\_\_ \_ \_ \_\_ \_ \_\_ \_ \_ \_\_ \_\_ \_

DEBUG:ddi.FlashInterface: \ \ /\ / / \_` | '\_\_| '\_ \| | '\_ \ / \_` |

DEBUG:ddi.FlashInterface: \ V V / (\_| | | | | | | | | | | (\_| |

DEBUG:ddi.FlashInterface: \\_/\\_/ \\_\_,\_|\_| |\_| |\_|\_|\_| |\_|\\_\_, |

DEBUG:ddi.FlashInterface: \_\_/ |

DEBUG:ddi.FlashInterface: |\_\_\_/

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:17: INFO: NOTE: There were WARNINGS!! Repeated here, but please see log for more detail

DEBUG:ddi.FlashInterface:User specified --num\_sectors=32 but file only has 32 sectors. \*\*Ignoring --num\_sectors

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:NOTE: There were WARNINGS!! Repeated above, but please see log for more detail

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: ==============================================================

DEBUG:ddi.FlashInterface:18:26:17: INFO: \_ (done)

DEBUG:ddi.FlashInterface:18:26:17: INFO: | |

DEBUG:ddi.FlashInterface:18:26:17: INFO: \_\_| | \_\_\_ \_ \_\_ \_\_\_

DEBUG:ddi.FlashInterface:18:26:17: INFO: / \_` |/ \_ \| '\_ \ / \_ \

DEBUG:ddi.FlashInterface:18:26:17: INFO: | (\_| | (\_) | | | | \_\_/

DEBUG:ddi.FlashInterface:18:26:17: INFO: \\_\_,\_|\\_\_\_/|\_| |\_|\\_\_\_|

DEBUG:ddi.FlashInterface:18:26:17: INFO: {All Finished Successfully}

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:18:26:17: INFO: Overall to target 0.094 seconds (1.33 MBps)

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Writing log to 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt', might take a minute

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface:Log is 'C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\port\_trace.txt'

DEBUG:ddi.FlashInterface:

DEBUG:ddi.FlashInterface: popo1: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo2: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: popo3: C:\Users\146688\Hello3\boot\_images\QcomPkg\Tools\storage\fh\_loader\fh\_loader.exe --port=\\.\COM4 --sendimage=xbl\_config.elf --search\_path=C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode --start\_sector=902 --lun=1 --num\_sectors=32 --noprompt --zlpawarehost=1 --memoryname=ufs

DEBUG:ddi.FlashInterface: Run command successfully

INFO:ddi:new xbl\_config flashed to device

DEBUG:ddi.DDILib:Output Header Size: 8

DEBUG:ddi.DDILib:Name: Test Status

DEBUG:ddi.DDILib:Value: 1

DEBUG:ddi.DDILib:Name: Memory Type

DEBUG:ddi.DDILib:Value: 8

INFO:ddi:test\_output.json generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\test\_output.json

INFO:ddi:

DEBUG:ddi:end of script: argv: %s['C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\DDI\\ddi.py', '-p', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\Tools\\DDI\\ddi\_protocol\_config.xml', '--target=SM8250', '--flash=ufs', '-v', 'DEBUG', '-o', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode', 'full', '-l', 'C:\\Users\\146688\\Hello3\\boot\_images\\QcomPkg\\SocPkg\\8250\\Bin\\LAA\\RELEASE\\prog\_firehose\_lite.elf', '-x', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\partition.xml', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\rawprogram1.xml', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\Input\\rawprogram3.xml', '-t', 'C:\\QUALCOMM\\QDUTT\\DDI\\QCS8250\_LP5\_ufs\_standardMode\\test\_config.json', '--port', '4']

INFO:ddi:output generated at: C:\QUALCOMM\QDUTT\DDI\QCS8250\_LP5\_ufs\_standardMode\run\_output

INFO:ddi:---------- Finish DDI command