Intel® System Scope Tool

User Guide

February 2020

Intel Confidential

Contents

Figures

1. Introduction

This User Guide provides system designers with information on how to use System Scope Rev 3.0.

The tool supports the following operating system(s):

1. Windows 10 64 bit

The tool supports the following microprocessors:

1. 6th Gen Intel® Core Processor Code name Kaby Lake Processor.
2. Intel® Core Processor Line Code name Canon Lake Processor.
3. Intel® Atom Processor Line Code name Gemini Lake Processor.
4. Intel® Atom Processor Line code name Ice Lake Processor.
5. Intel® Atom Processor Line code name Lake Field Processor
6. Intel® Atom Processor Line code name Coffee Lake Processor
7. Intel® Atom Processor Line code name Amber Lake Processor
8. Intel® Core Processor Line Code name Whiskey Lake Processor.
9. Intel® Core Processor Line Code name Comet Lake Processor.
10. Intel® Core Processor Line Code name Jasper Lake Processor.
11. Intel® Core Processor Line Code name EHL.
12. Intel® Core Processor Line Code name Tiger Lake Processor.

1.1 Revision History

Revision Number	Revision Data
1.0	December 2014
1.1	March 2015
1.2	October 2015
1.3	December 2015
1.4	January 2015
1.5	April 2016
1.6	June 2016
1.7	July 2016
1.8	September 2016
1.9	November 2016
2.0	February 2017

2.1	April 2017
2.2	February 2018
2.3	March 2018
2.4	July 2018
2.5	October 2018
2.6	December 2018
2.7	February 2019
2.8	June 2019
2.9	August 2019
3.0	October 2019
3.1	February 2020

1.2 Terminology

Term	Description
PCIE	Peripheral Component Interconnect Express
SMBIOS	System Management Basic I/O System
FPDT	Firmware Performance Data Table
PCH	Platform Controller Hub
ACPI	Advanced Configuration and Power Interface
OS	Operating System
BKC	Best Known Configuration
ME	Management Engine
MMIO	Memory - Mapped I/O
BMC	Baseboard Management Controller
TPM	Trusted Platform Module
SPS	Server Platform Services
TBT	Thunderbolt

2 .Installation

The Intel ® System Scope Tool supports the following operating Systems.

1. Windows 10 64 bit

2.1 Installation on Windows

The tool supports the following browsers.

1. IE10
2. IE11
3. Firefox
4. Google Chrome
5. Microsoft Edge

Installation Instructions:

1. The Intel® System Scope Tool comes as an Installer package. Run the Intel(R) SystemScopeInstallerWinInternal.exe file as administrator and follow the onscreen instructions to install the application.

2. To launch the application, point to the shortcut created in the Strat menu or Desktop (Intel® System Scope Tool.htm) and run by clicking the shortcut.

3. After tool launches click on “Allow blocked content” button.
4. To uninstall/Stop the Service, close all the instances of the tools, by clicking on the close button of the browser.

5. To uninstall the tool, open Add/Remove programs from the Control Panel and click on Intel® System Scope Tool and hit Change/Remove button.

To Re-install or Upgrade the tool:

1. To uninstall the tool, open add/Remove programs from the Control Panel and click on Intel® System Scope Tool and hit Change/Remove button.

2. After uninstalling the existing tool, run Intel(R) SystemScopeInstallerWinInternal.exe and select install.

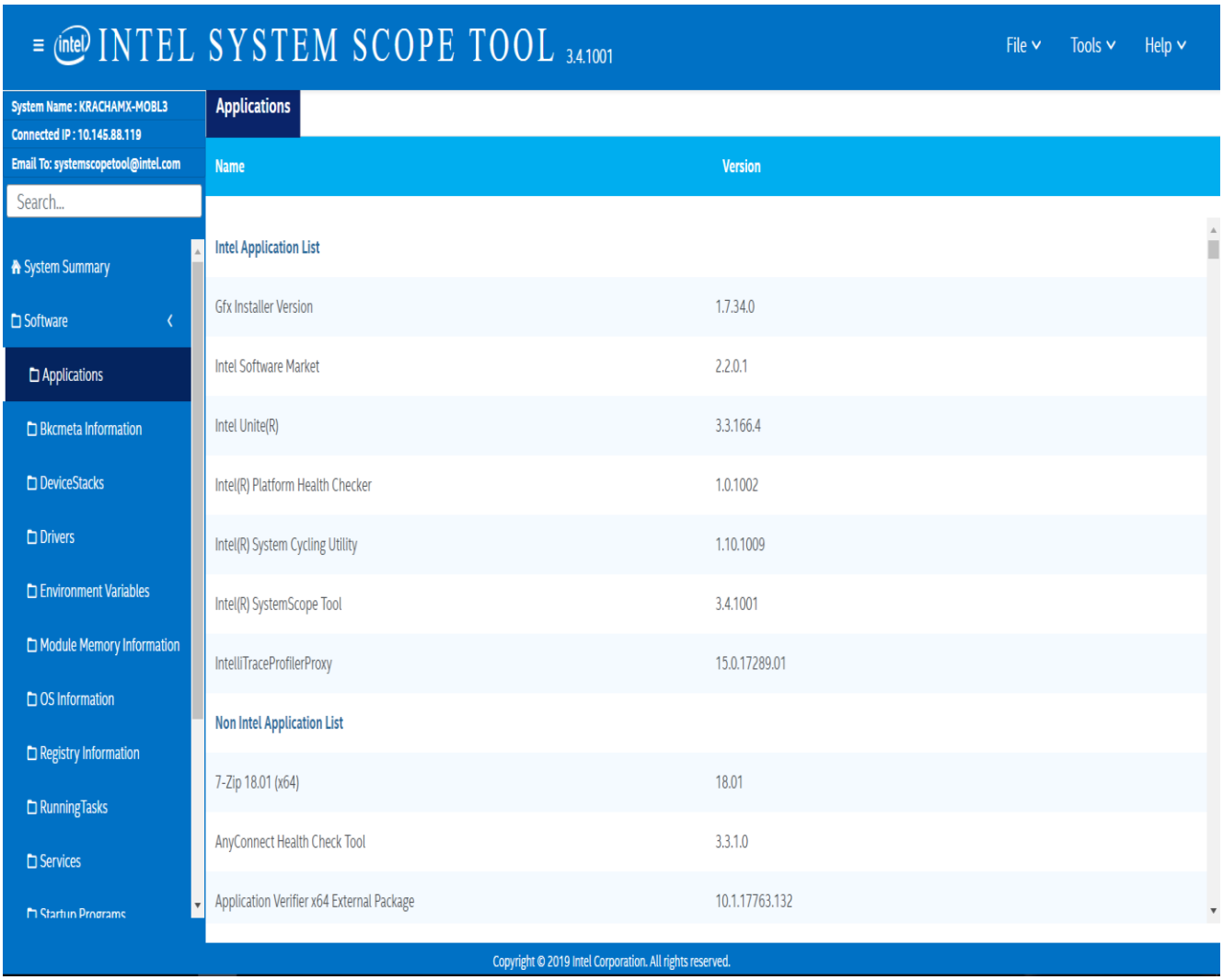
3. Another way to upgrade the tool is, get the new Installer package and run Intel(R) SystemScopeInstallerWinInternal.exe directly. This first uninstall the existing tool and install the new one.

3. Software

Click on "Software" tab to get the software details of the system.

This includes the Application List, OS Information, Device Stack List, Driver List, Service List, Module memory Information, Bkcmeta information, registry information, Environment Variables, Running Tasks and Startup Programs

Figure 3.0 Software

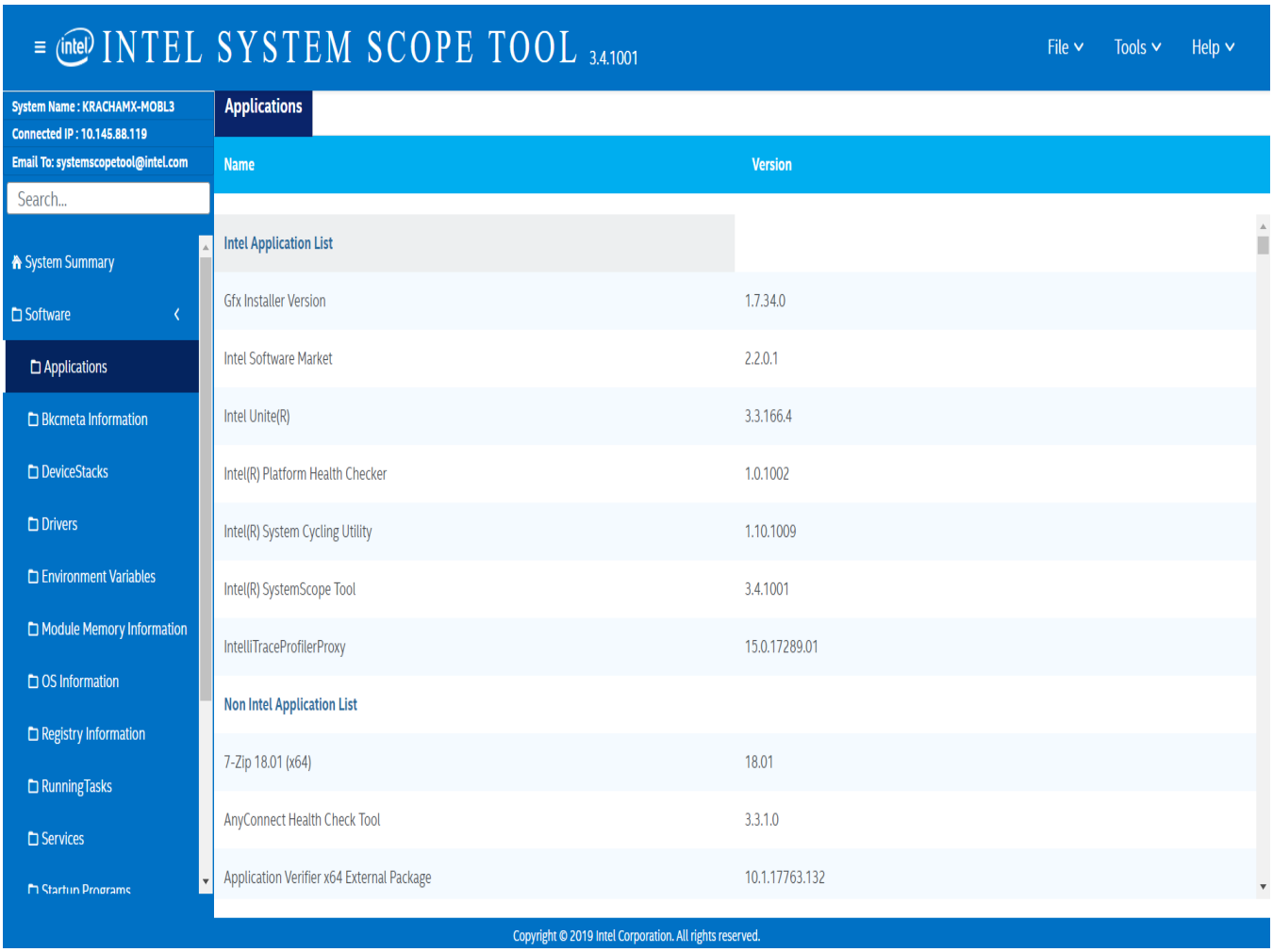


3.1 Application List

Click on the “Application List” to get the list of applications installed on the system.

It displays the list in two categories, namely Intel and Non-Intel application.

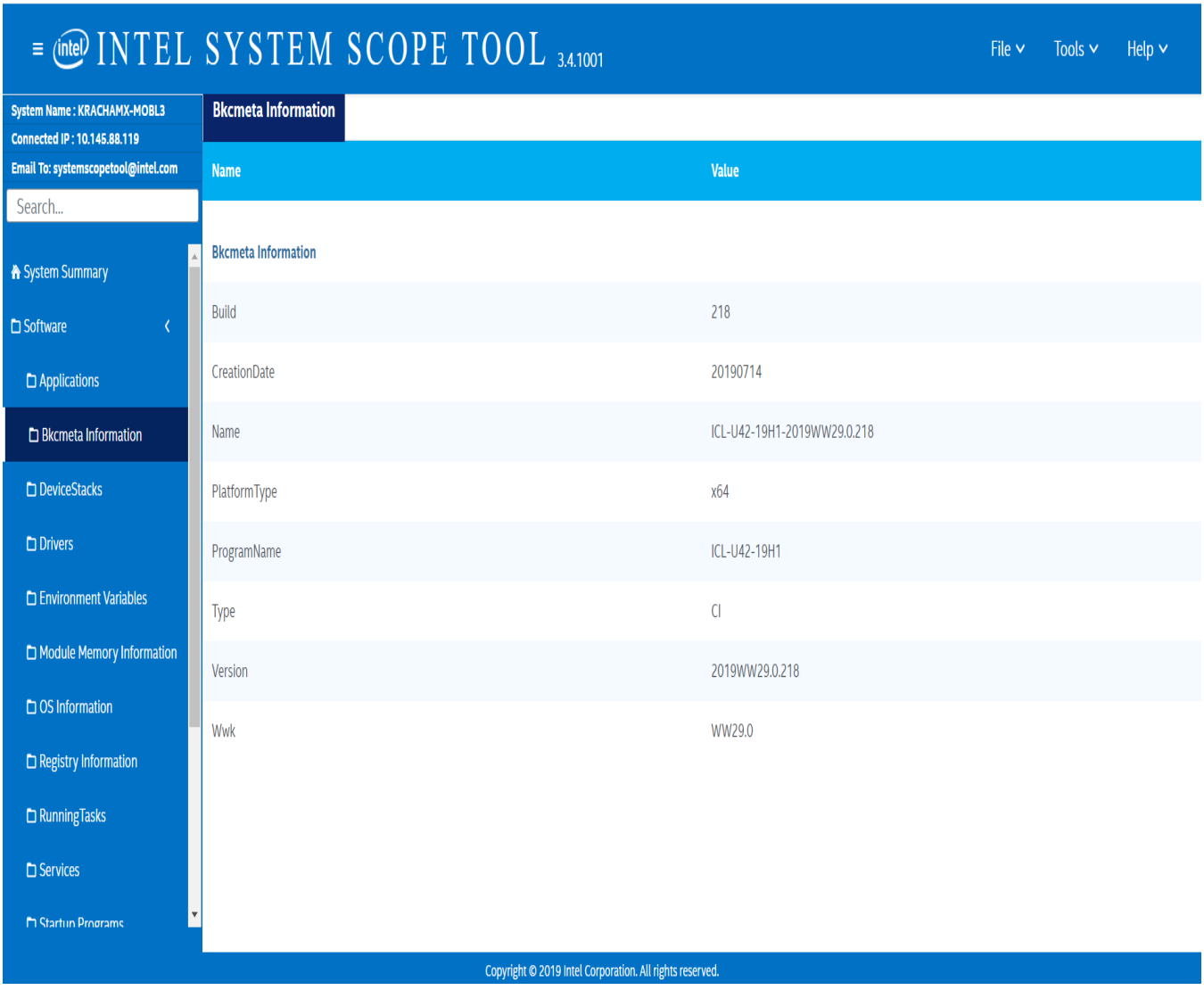
Figure 3.1 Applications Information



3.2 BKCMeta Information

This module displays BKC meta Information on system. It gives the complete information like Build, creation, date, name, platform type, program name, version, type and workweek.

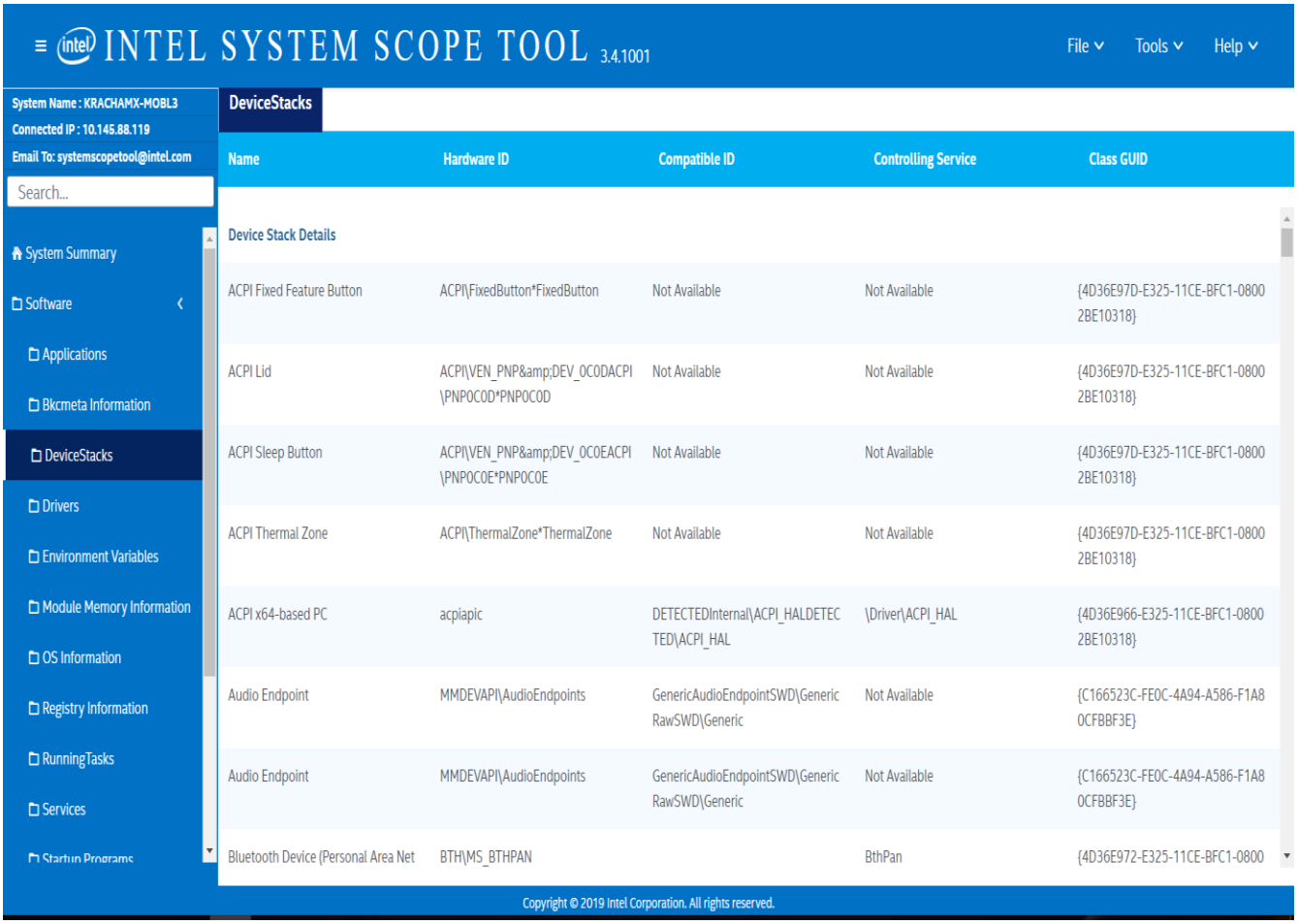
Fig 3.2 Bkcmeta Information



3.3 Device Stacks

This module displays Device Stacks Information on system. This tab will give the complete Information of devices stacks caption hardware ID, compatible ID, status, controlling service and Class GUID.

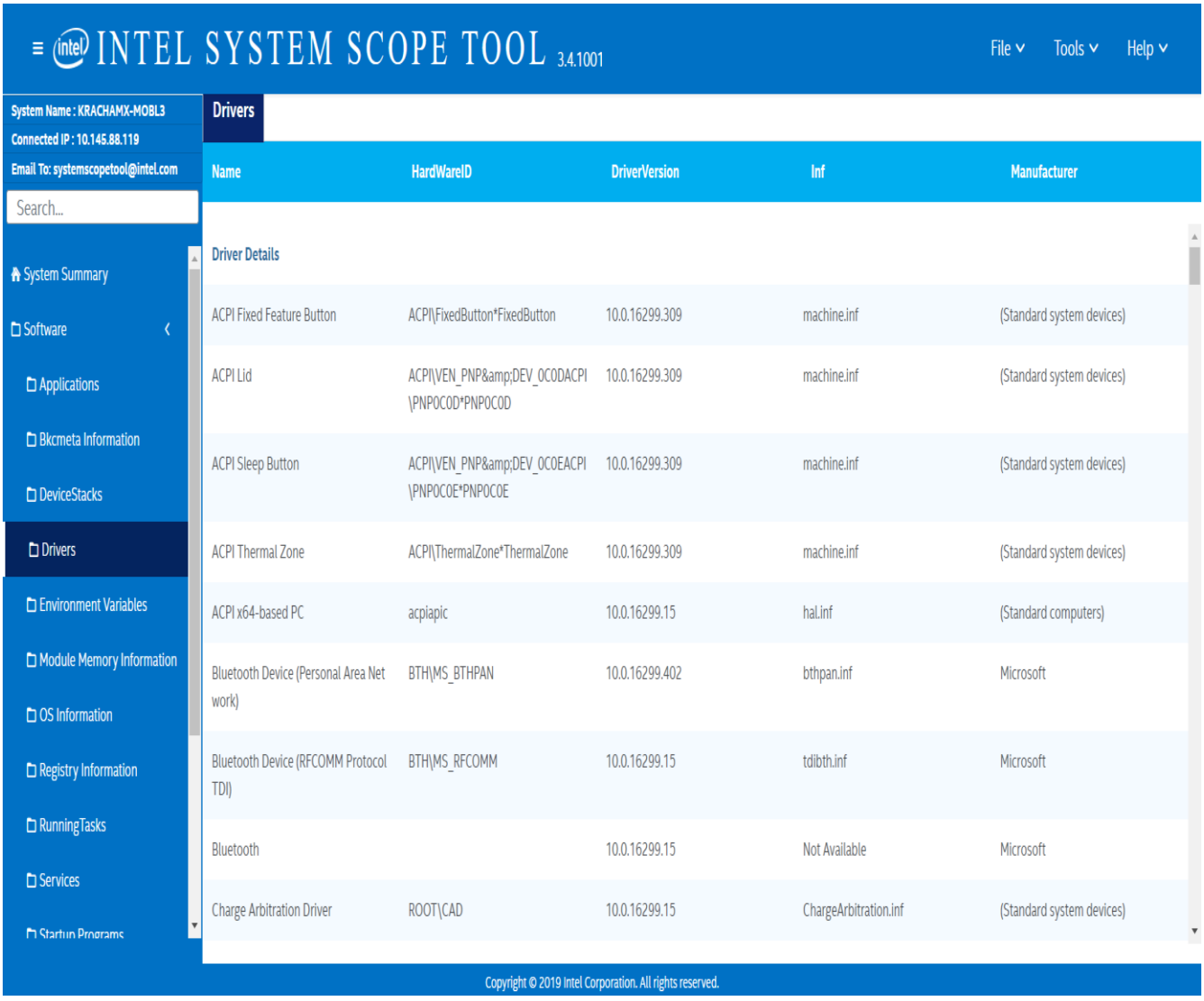
Figure 3.3 Device Stack Information



3.4 Drivers Information

Click on “Drivers” tab to get the Device, Hardware ID & Driver Version for the Devices. It will also display the digital signature status of the driver.

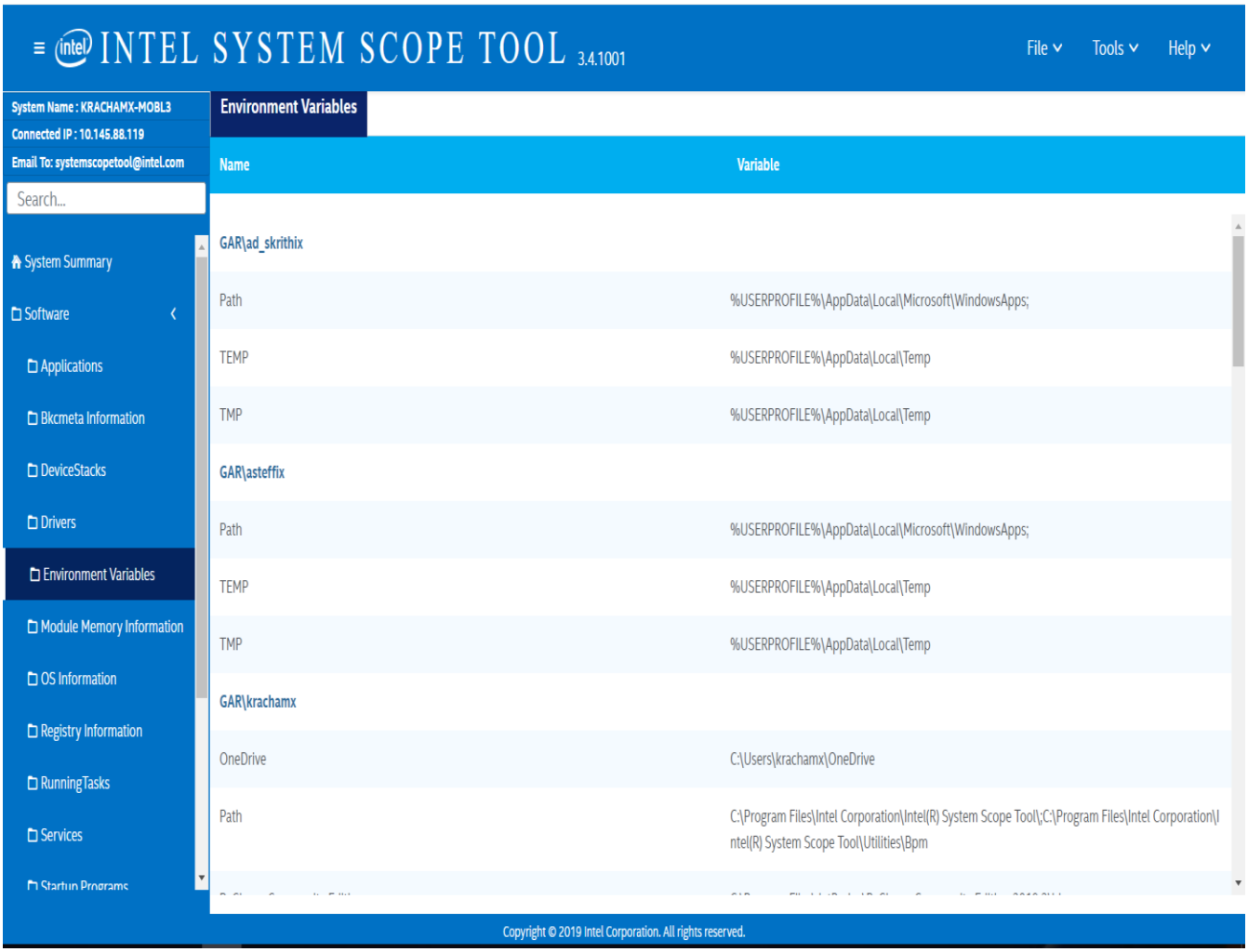
Fig 3.4 Driver Information



3.5 Environment Variables

This module displays all the Environment paths set in the system.

Fig 3.5 Environment Variables

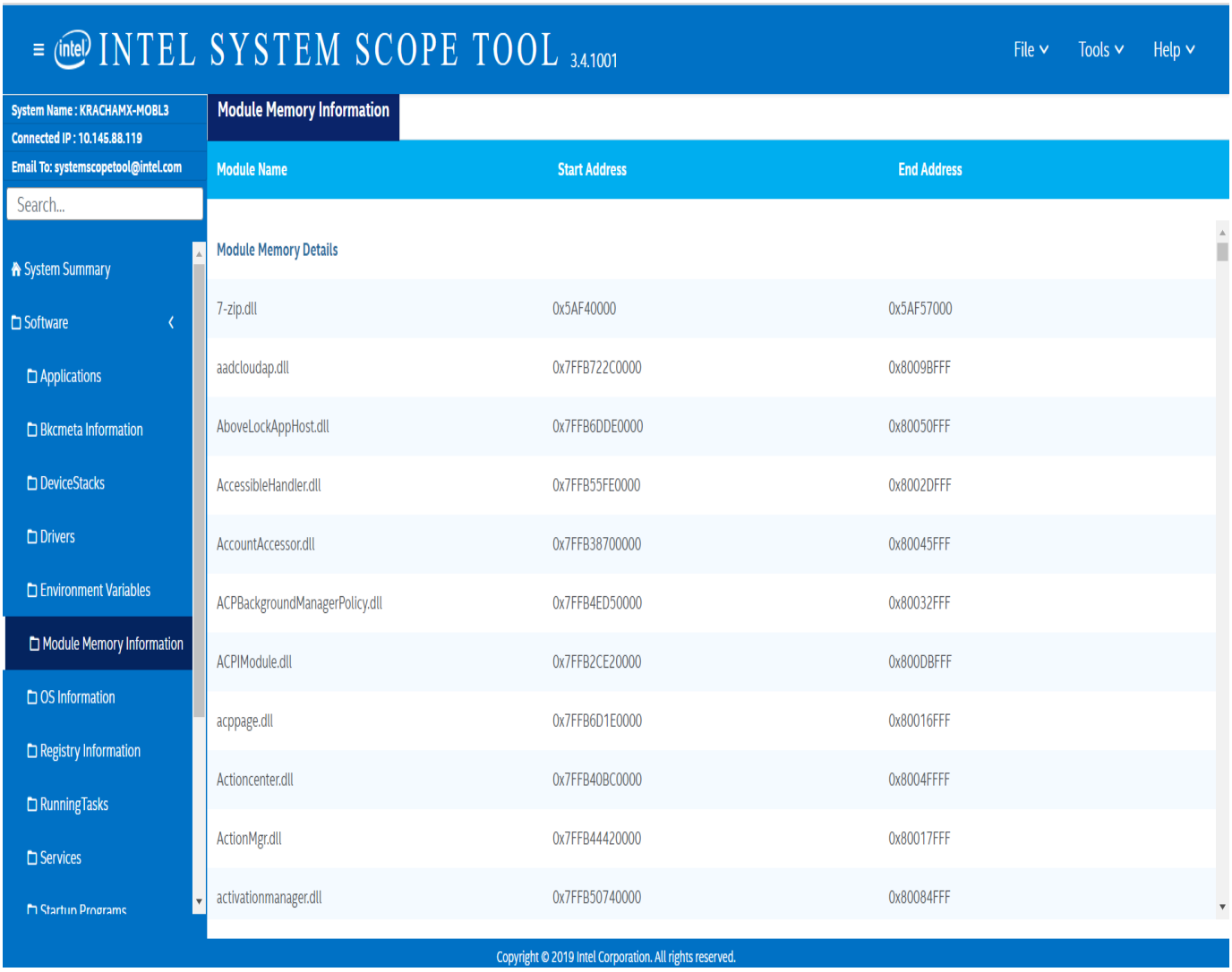


3.6 Module Memory Information

This module displays every module's memory information on system.

This tab will give all modules name based on start address and end address available on board.

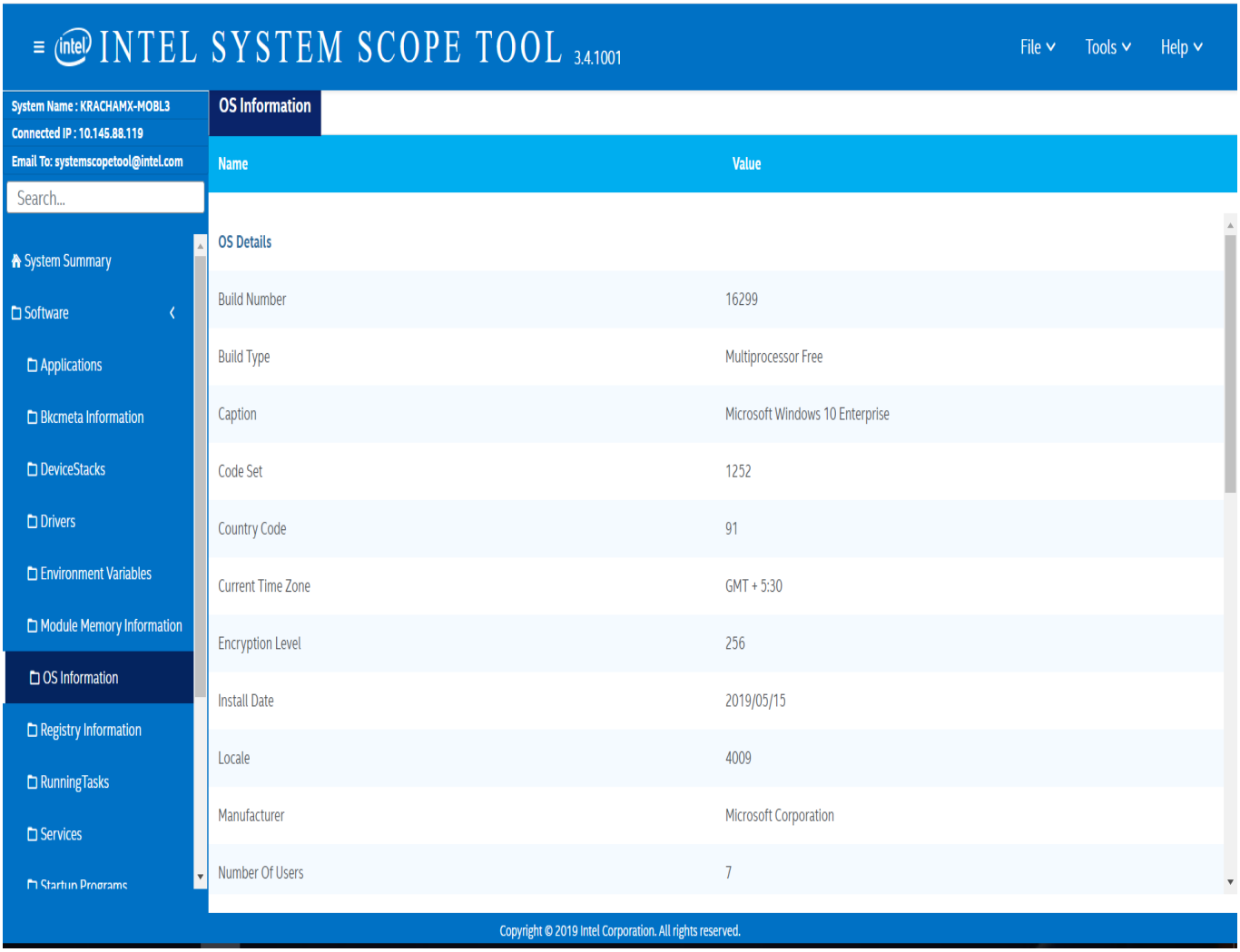
Fig 3.6 Module Memory Information



3.7 OS Information

Click on “OS Information” tab, it displays the build number, build type, caption, code set install Date, OS architecture, language and system directory of operating system. It gives the complete Information of operating system.

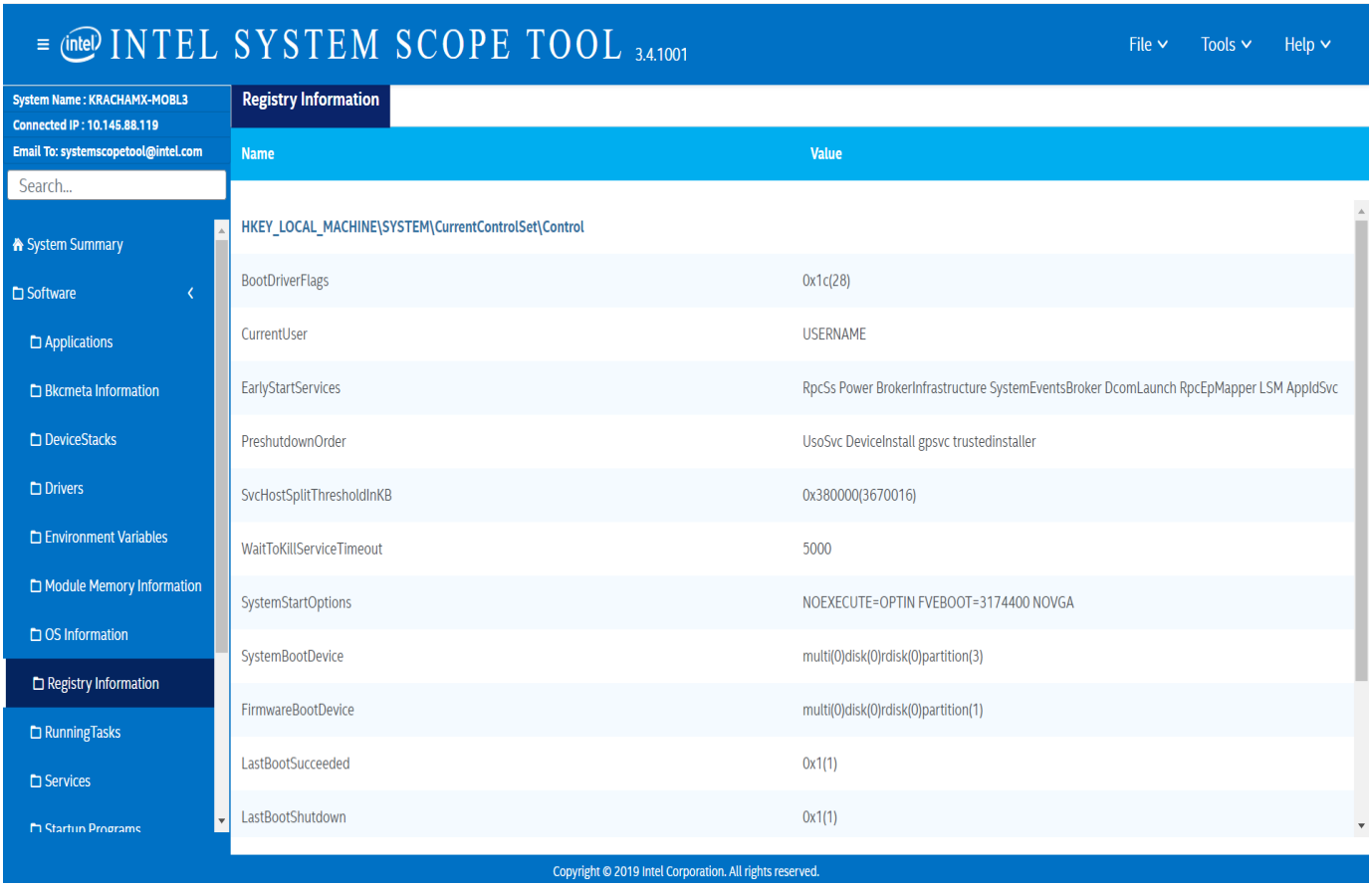
Fig 3.7 OS Information



3.8 Registry Information

This tab gives the complete registry information available on machine. It gives the name of Registry and data related to particular registry.

Fig 3.8 Registry Information



Software

Steps to retrieve of Registry Information

RegistryKeys.xml is present in the location C:\ProgramData\SystemScopetool. RegistryKeys.xml contains Registry key name. If user want to add more registry names, Open Registry.xml document with any editor, add registry names and save the xml Document with any editor, add registry names and save the xml document. To see the New changes refresh tool and navigate to Registry information.

```
<?xml version="1.0"?>
- <Tool Name="SystemScope">
    <RegistryKey Name="HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control"/>
    <RegistryKey Name="HKEY_LOCAL_MACHINE\SOFTWARE\Intel\Display\igfxcui\hkcmd"/>
  </Tool>
```

Few registry keys will not have permission to read. Check the permission level of key Before adding into the Registrykey.xml.

Fig 3.8.1 Registry permission Allowed

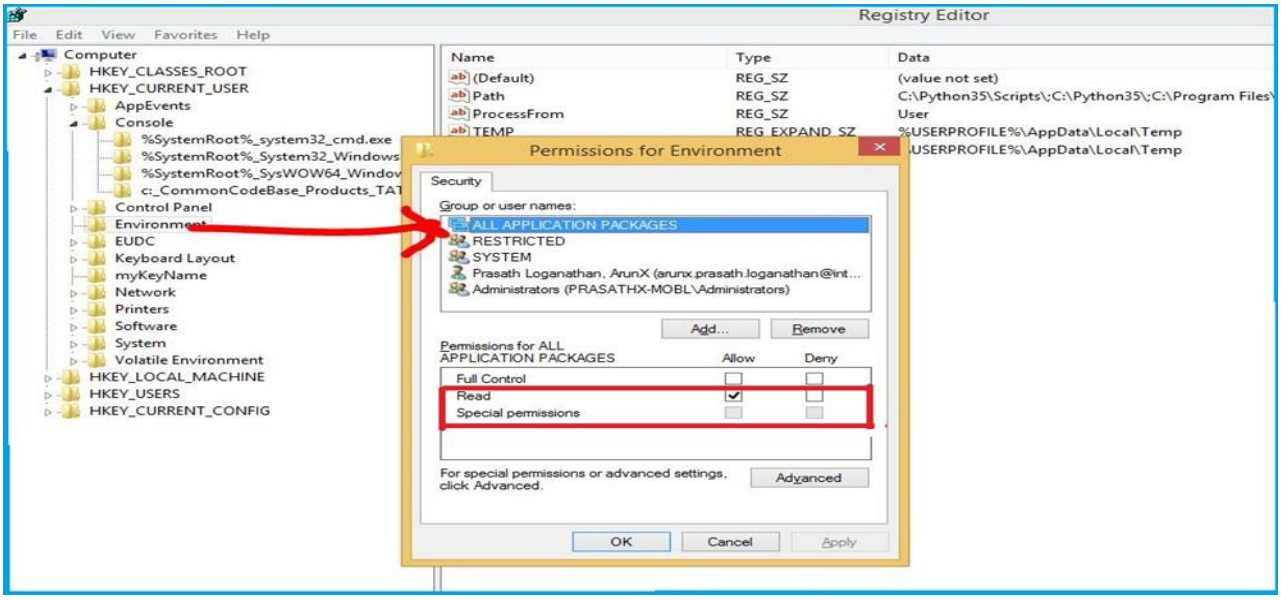
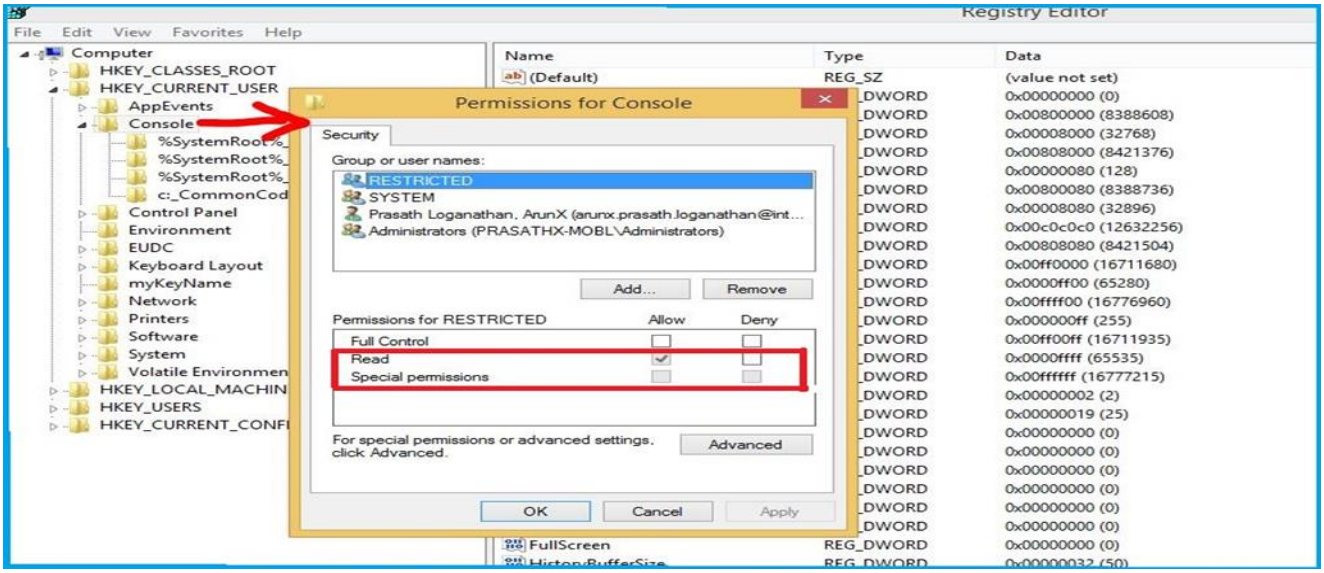


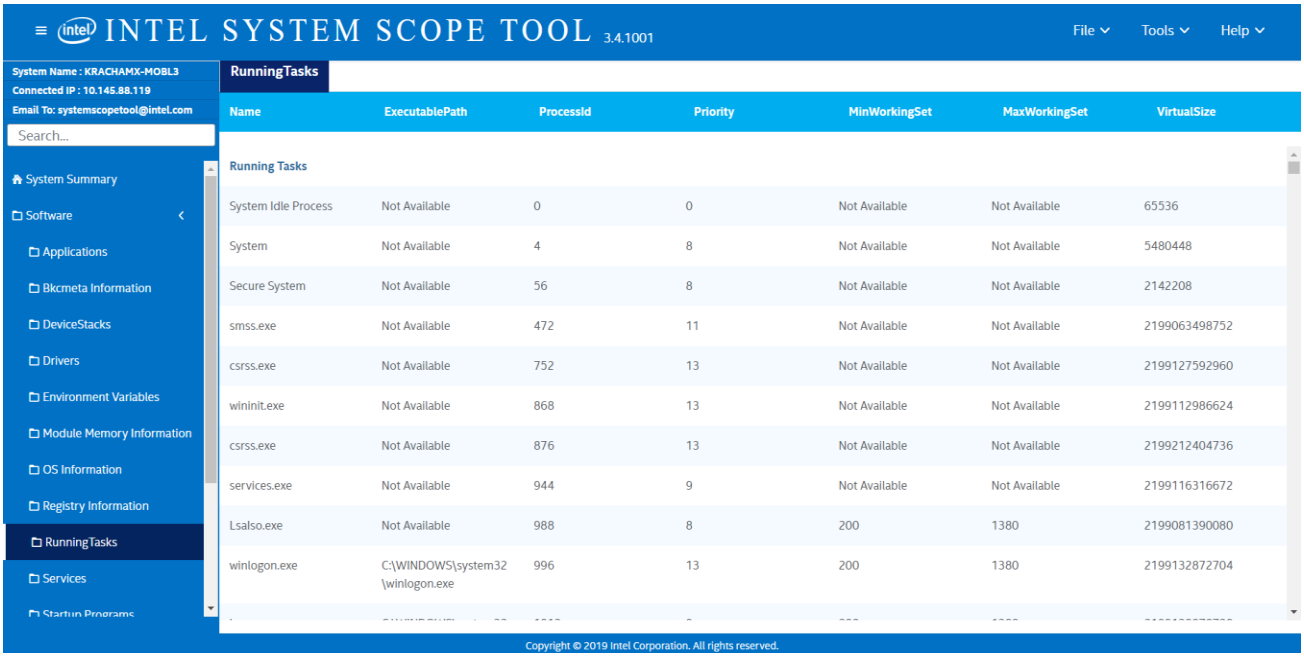
Fig 3.8.2 Registry permission Restricted



3.9 Running Tasks

This module gives all the current running processes in the system.

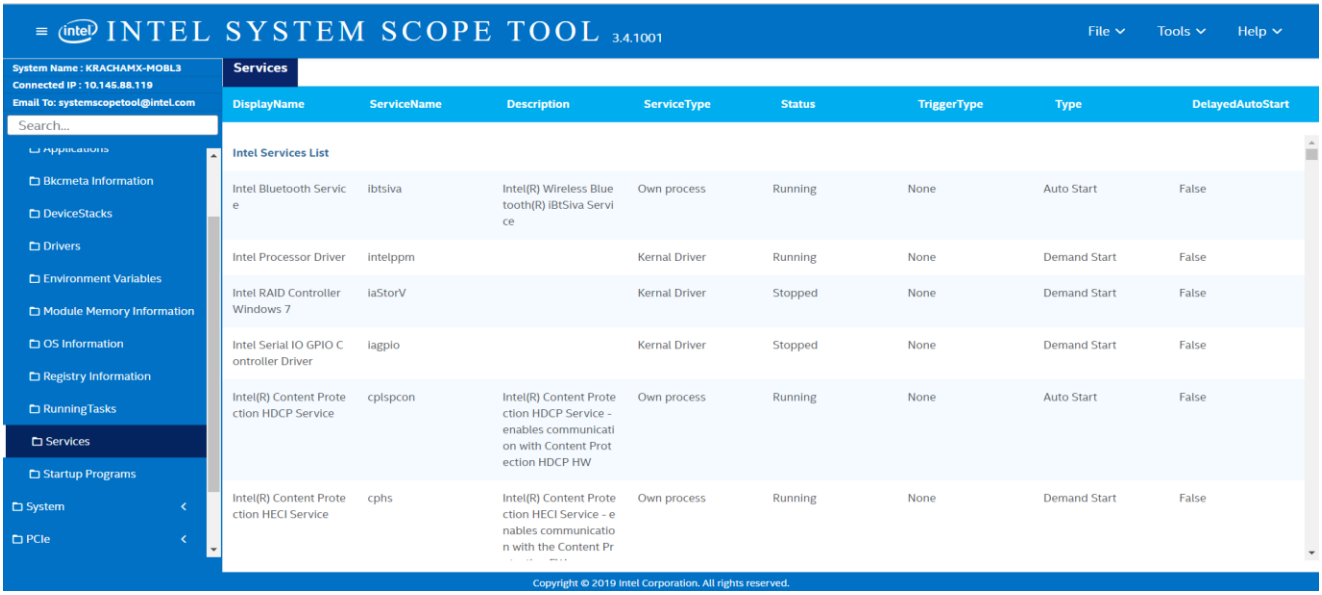
Fig 3.9 Running Tasks



3.10 Service Information

Click on “Services” to get the list of services installed on the system. It also displays the service type and the current status, description, trigger type and delayed auto start.

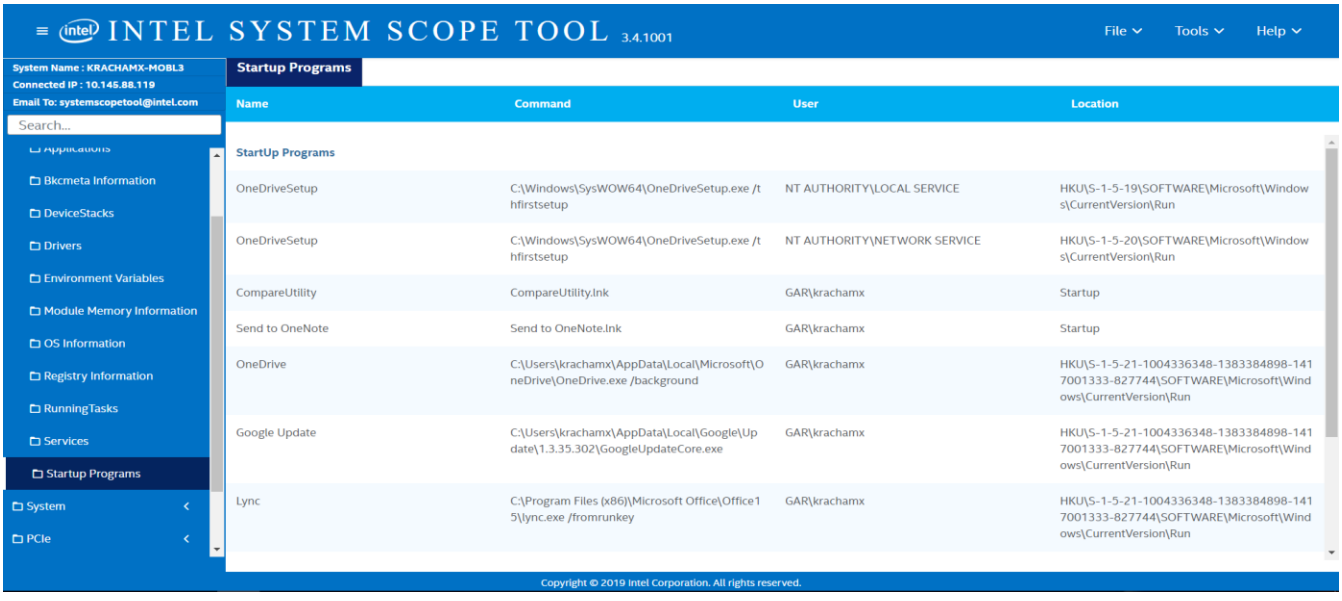
Fig 3.10 Services Information



3.11 Startup Programs

This Module gives all the programs which automatically starts when the system boots i.e., Startup Programs.

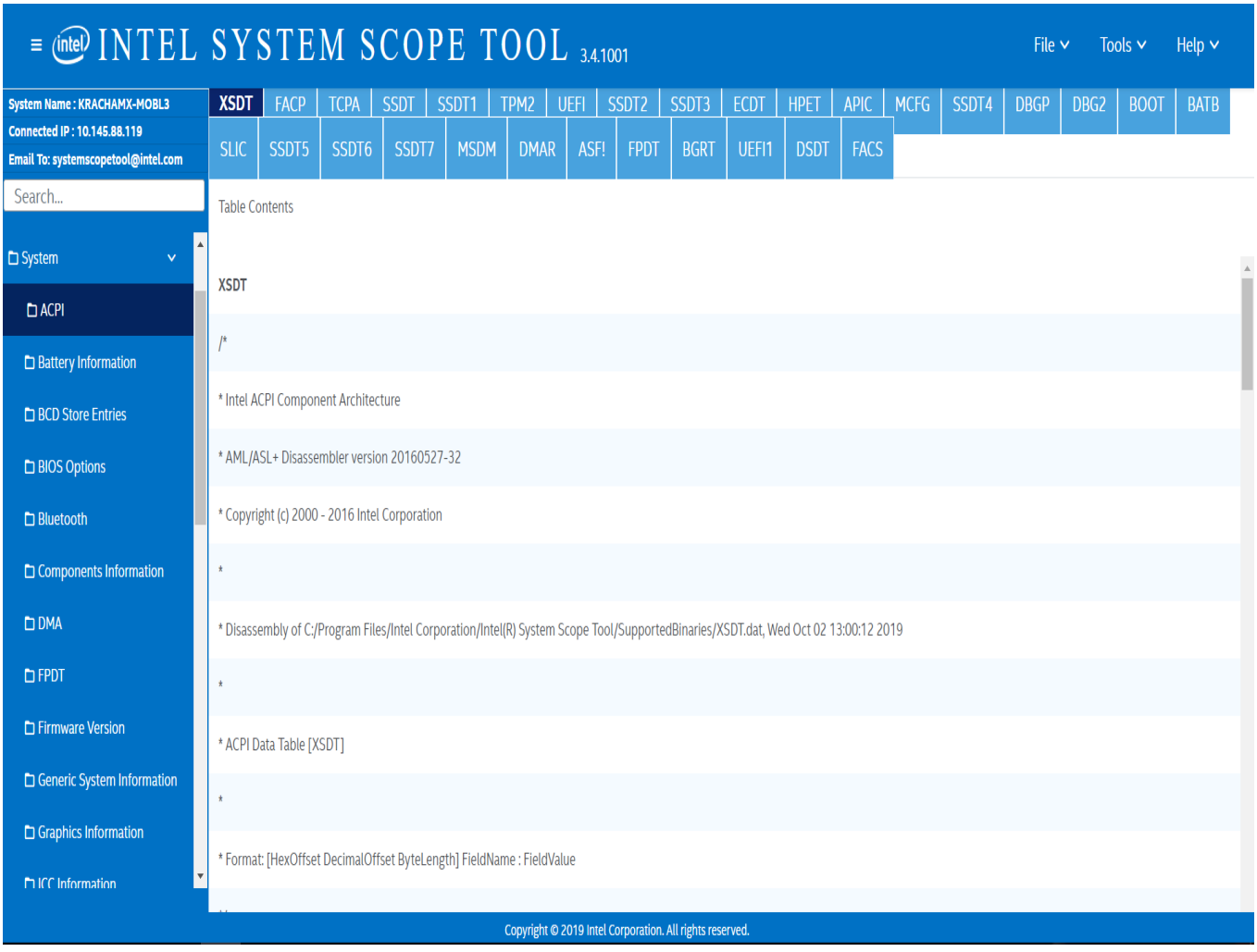
Fig 3.11 Startup Programs



4. System Information

Click on the “System” tab for viewing the system information.

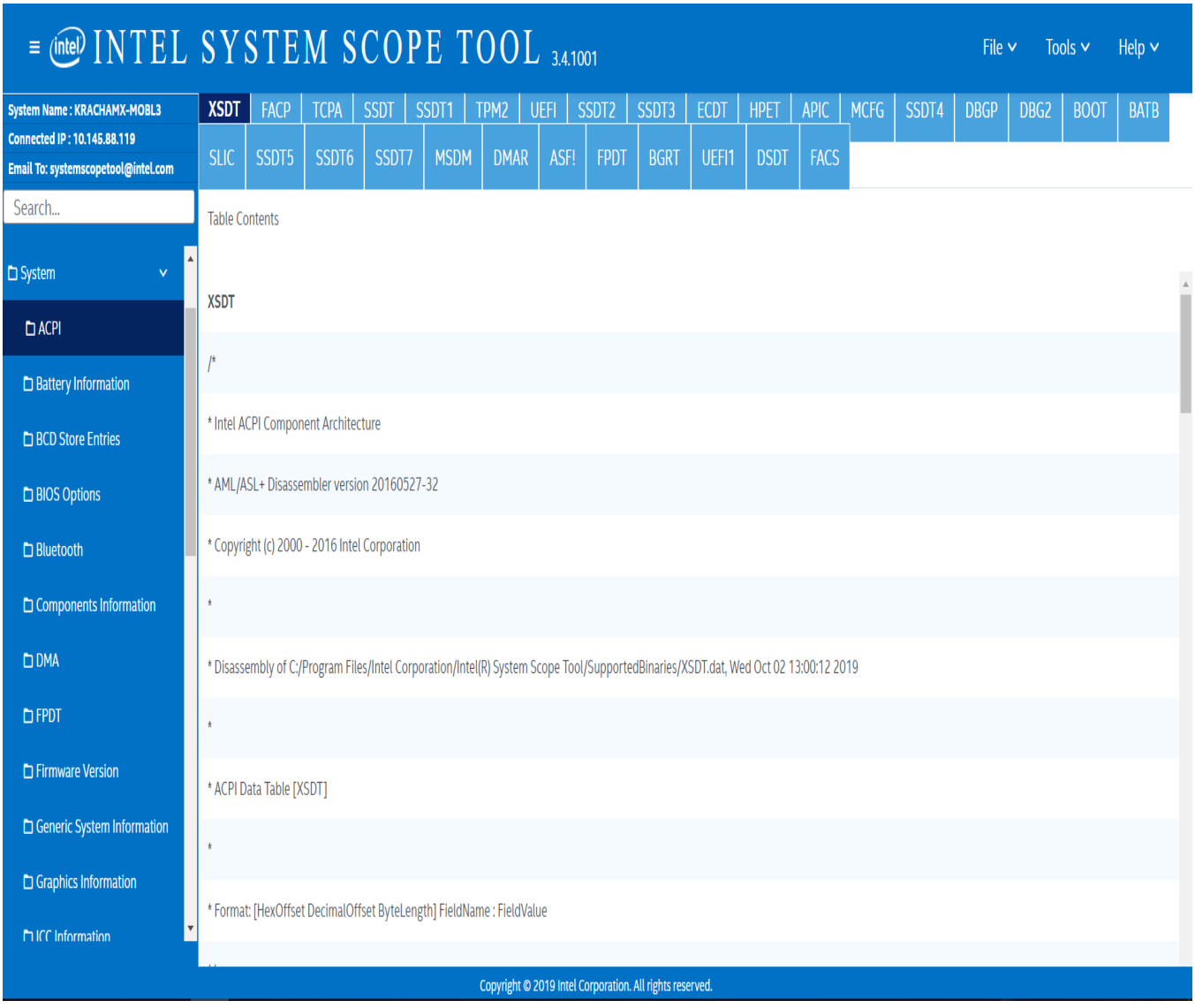
Fig 4.0 System



4.1 ACPI

Click on “ACPI” tab to view the ACPI details. This tab will give the complete information of Advanced configuration and power interface.

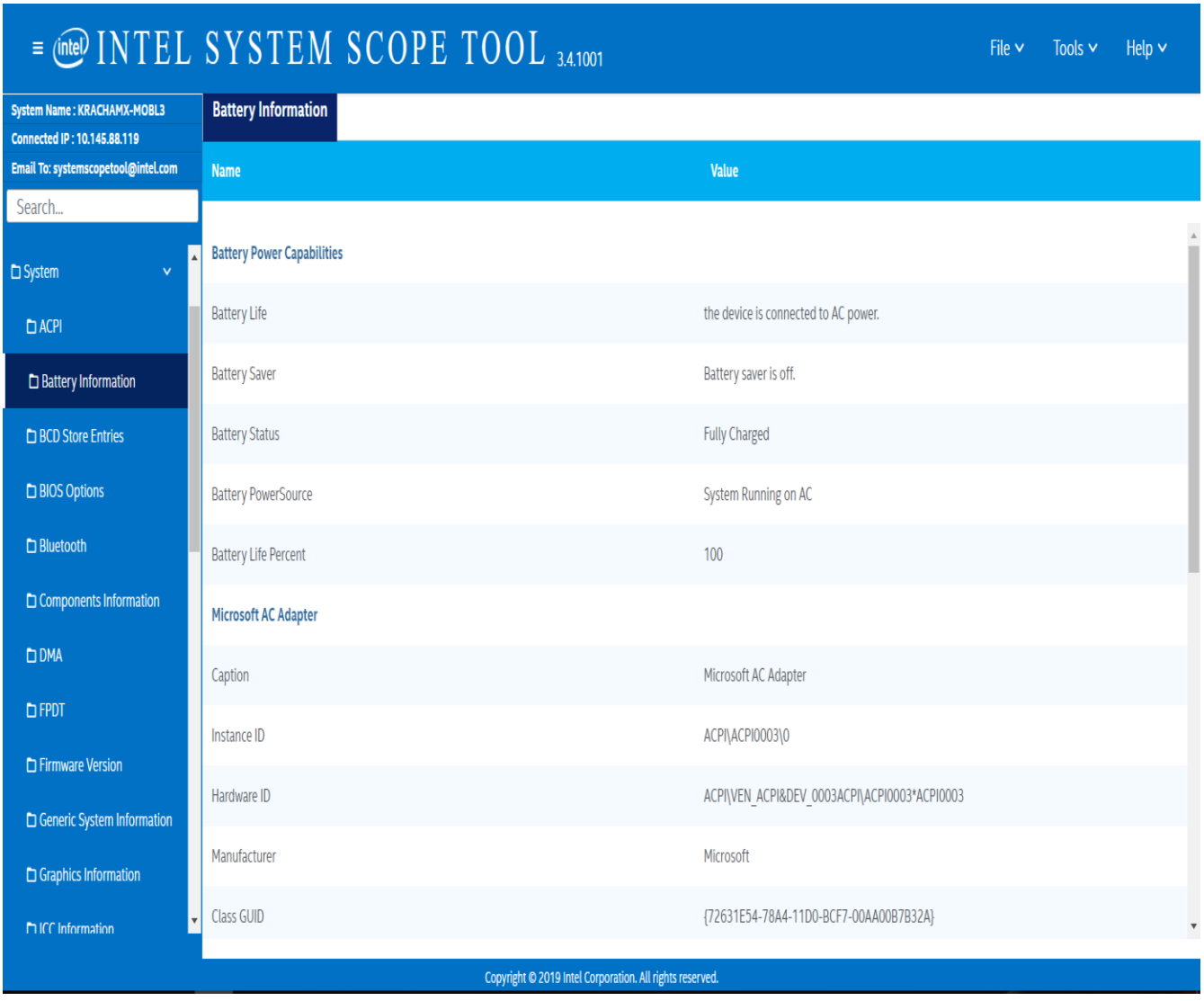
Fig 4.1 ACPI



4.2 Battery Information

Display the complete information of the battery connected to the computer system.

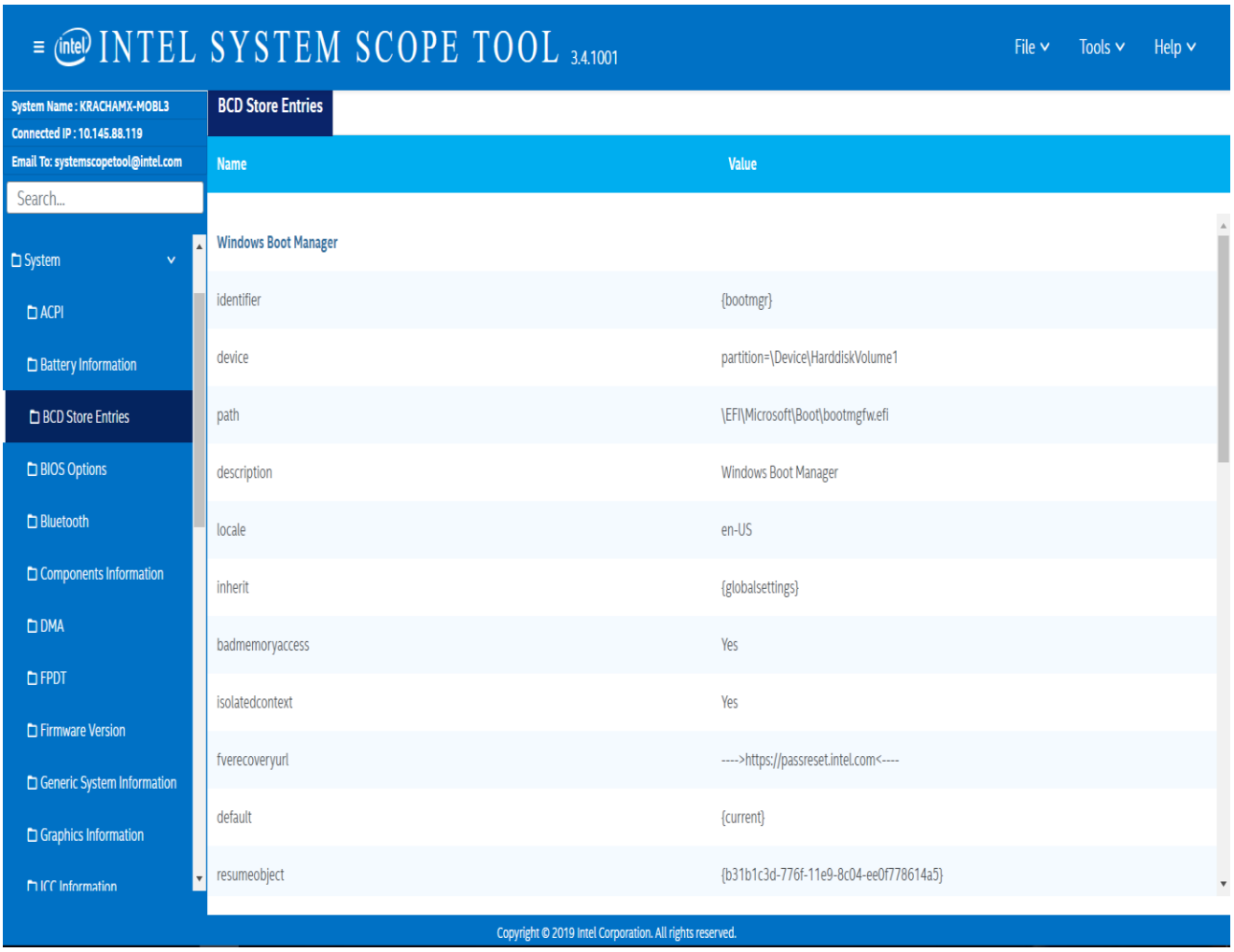
Fig 4.2 Battery Information



4.3 BCD Store Entries

Display the complete information of the BCD Store Entries. It retrieves the key and value of Window boot manager and window boot loader.

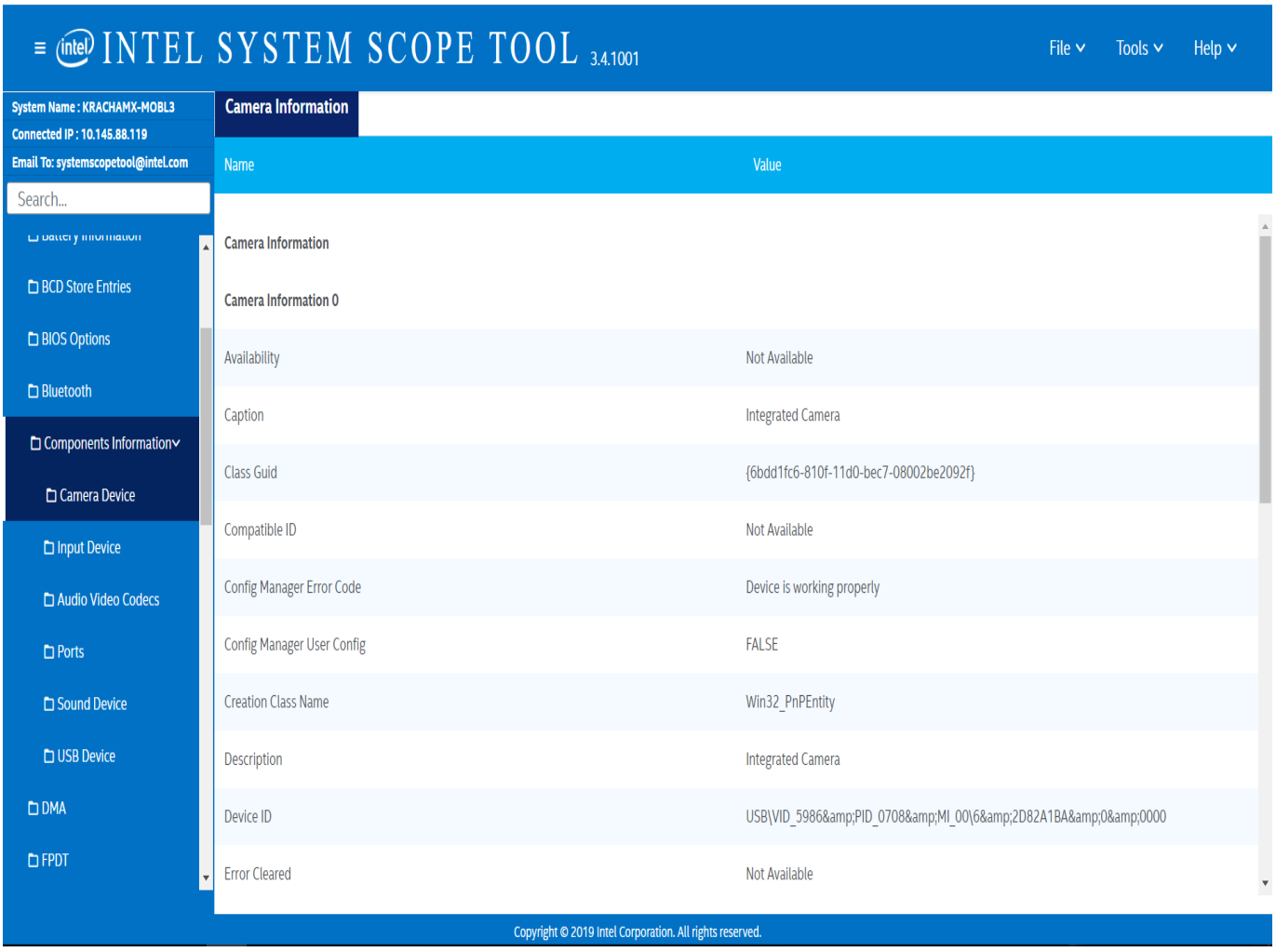
Fig 4.3 BCD Store Entries



4.4 Components Information

This tab display the Complete Component information available on board. It displays the Information about the camera device, input device, multimedia, ports, sound device and USB Device available on machine.

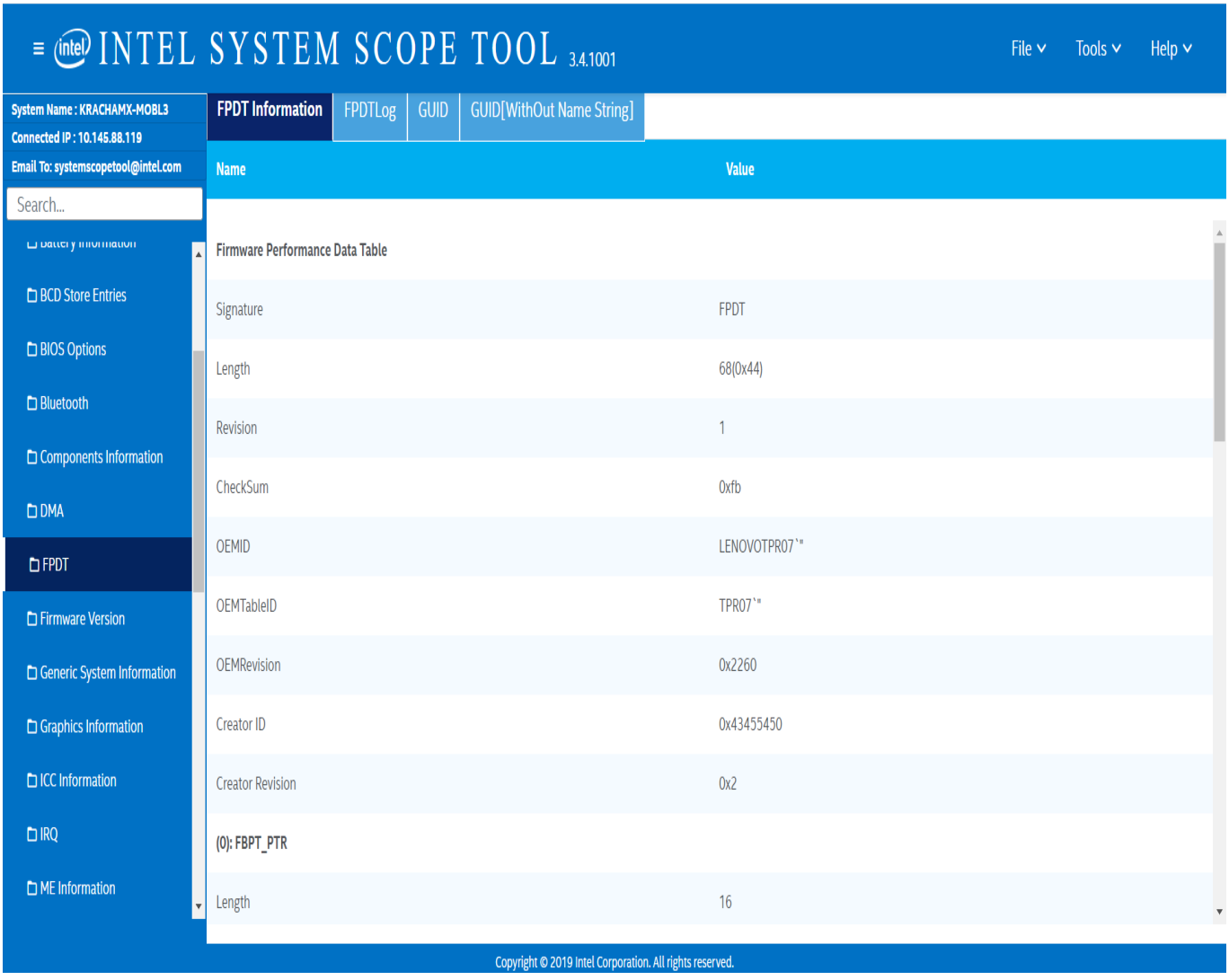
Fig 4.4 Components Information



4.5 FPDT

Click on “FPDT” tab, it displays the FPDT information, FPDT log, GUID and GUID without string.

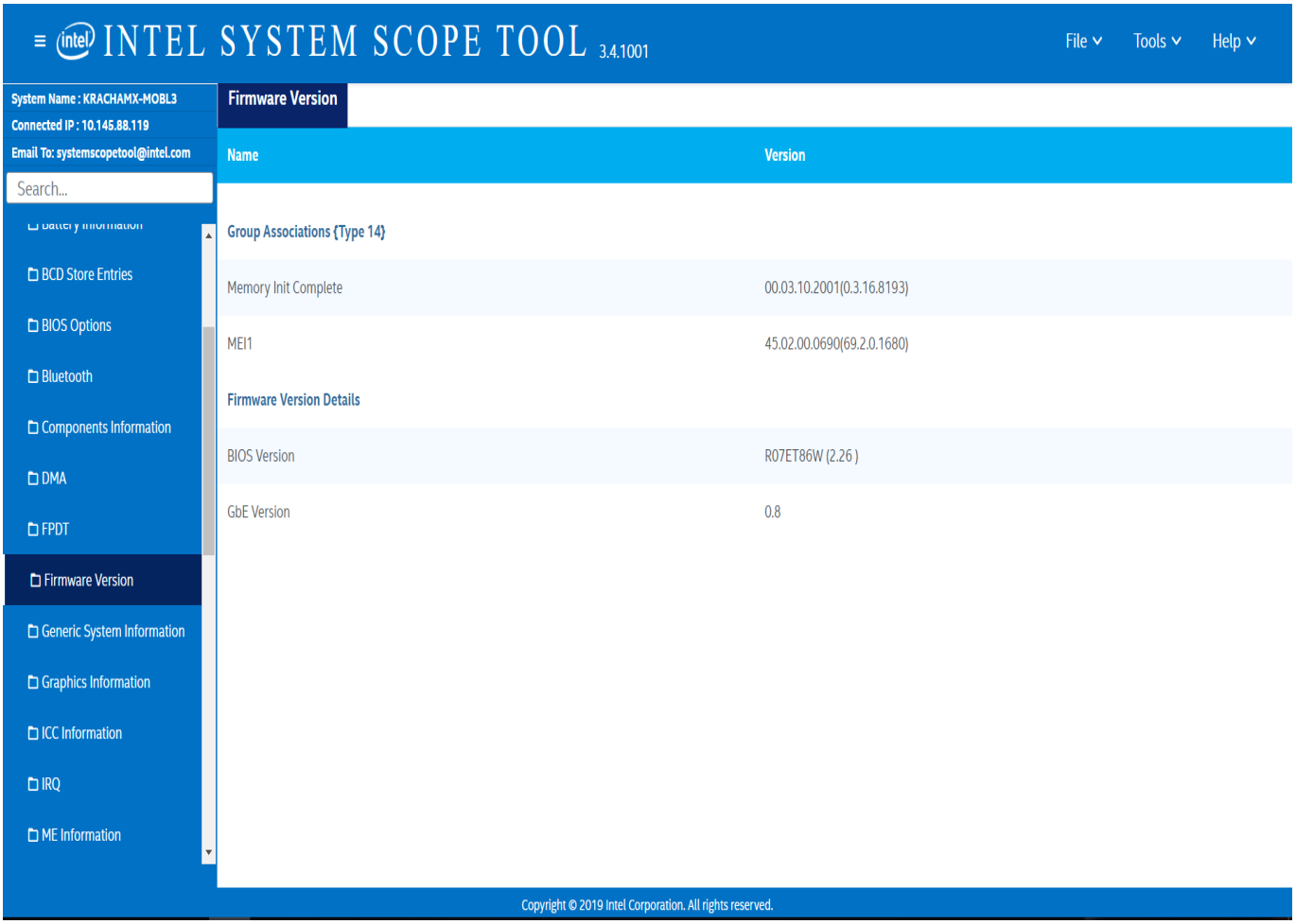
Fig 4.5 FPDT



4.6 Firmware Version

Displays the Firmware versions for the device. It displays the version and component name of Group associates with different types.

Fig 4.6 Firmware Version Info



4.7 Generic System Information

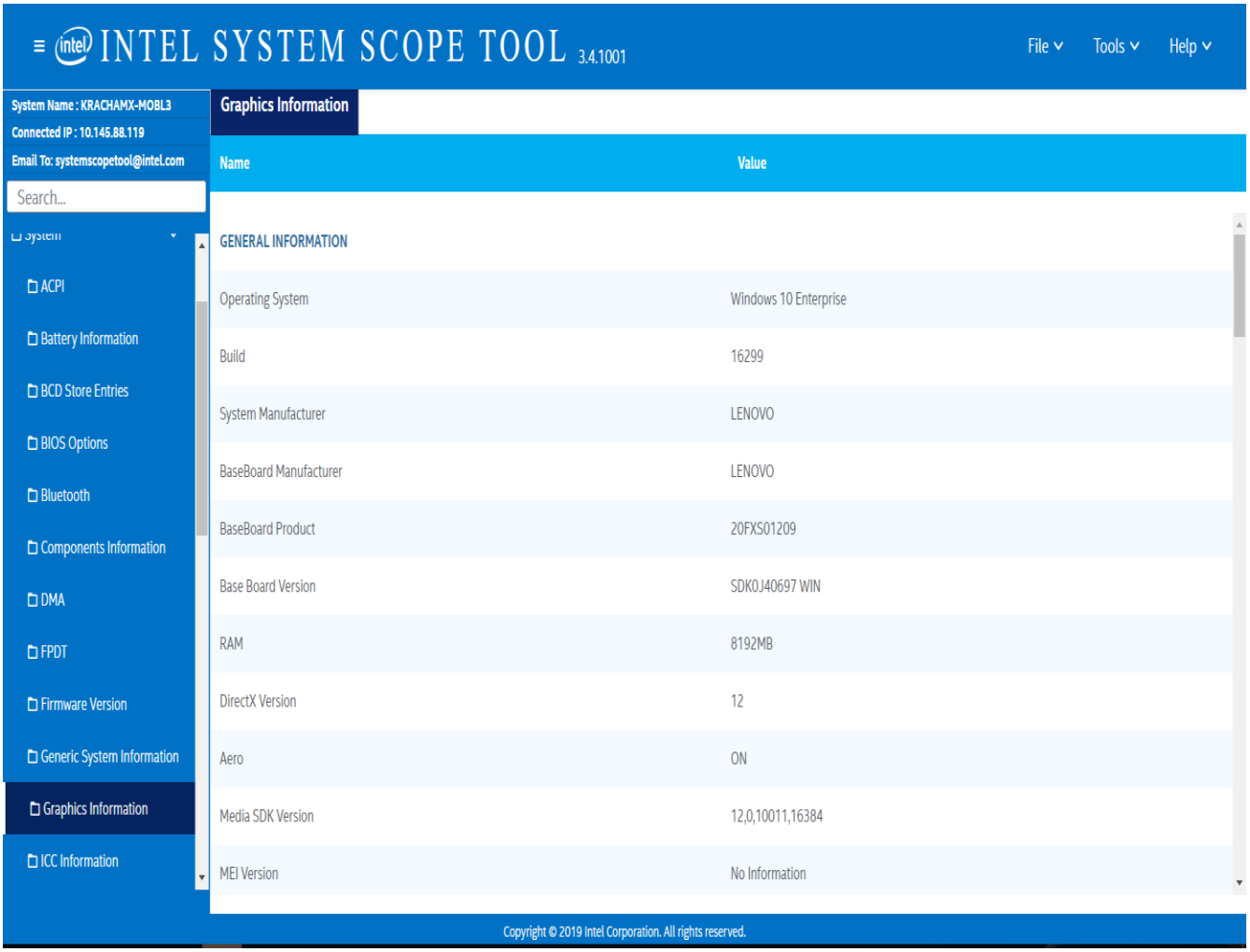
Displays complete information of the System summary information and system power capabilities Available on the board. This tab will give information about generic system information and System power capabilities.

Fig 4.7 Generic System Information

4.8 Graphic Information

This shows information about the graphics. It shows the value of the T3 panel timing, Baseband version, Baseband product and some general information and graphics.

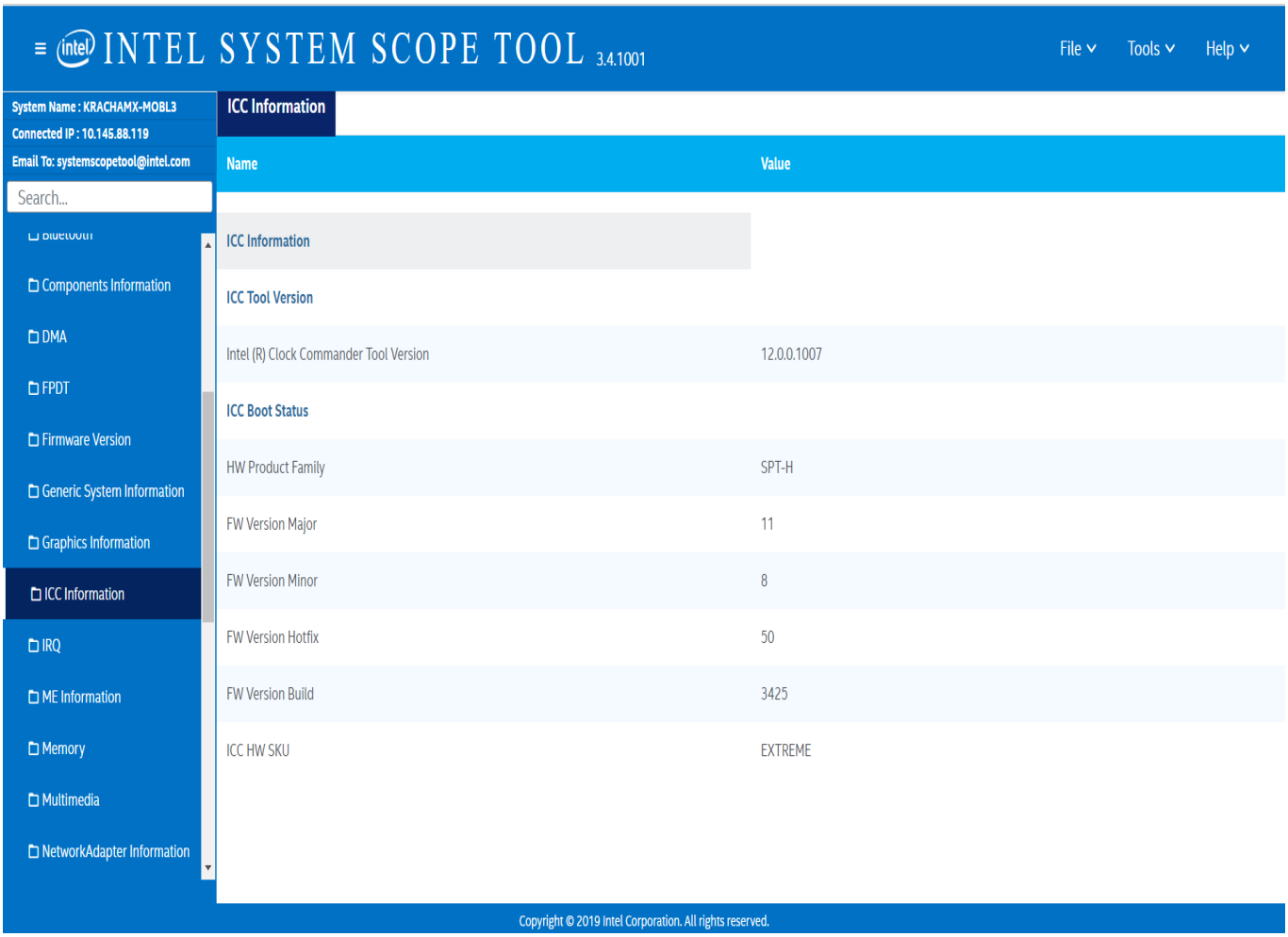
Fig 4.8 Graphic Information



4.9 ICC Information

Displays complete Information of the ICC content on the board. This tab will give integrated Clock circuit tool version and clock details.

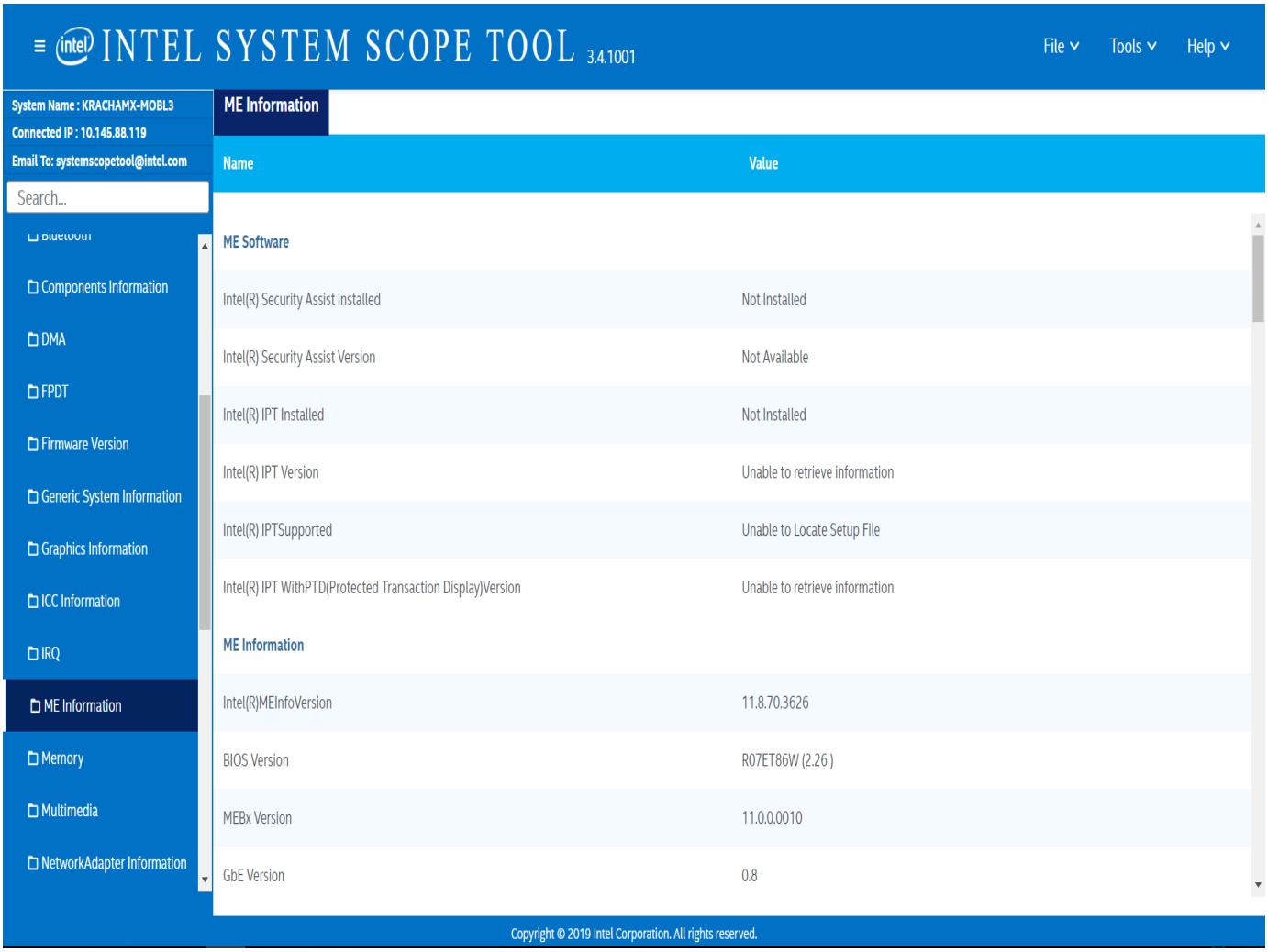
Fig 4.9 ICC Information



4.10 ME Information

Displays the complete set of Information about the ME Information, ME firmware version and ME capabilities and IPT related Information. Install ME driver to view complete Information. (ME driver version should be greater than or equal to ME firmware version)

Fig 4.10 ME Information



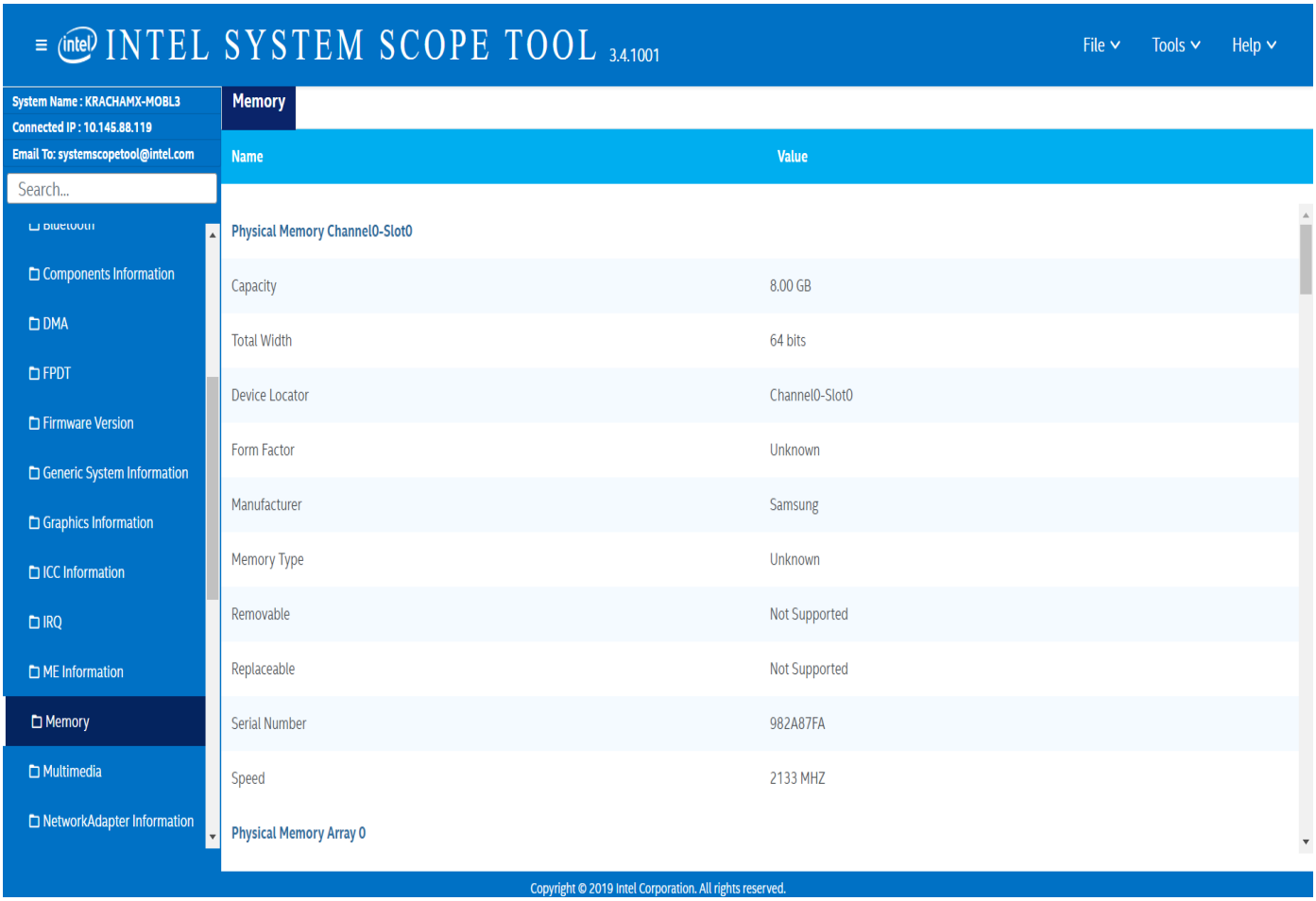
4.11 Memory

Click on “Memory tab” to get the memory details.

This tab will give the information about memory.

The details of all memories connected to the system (Hard disk, RAM and Removable Storage).

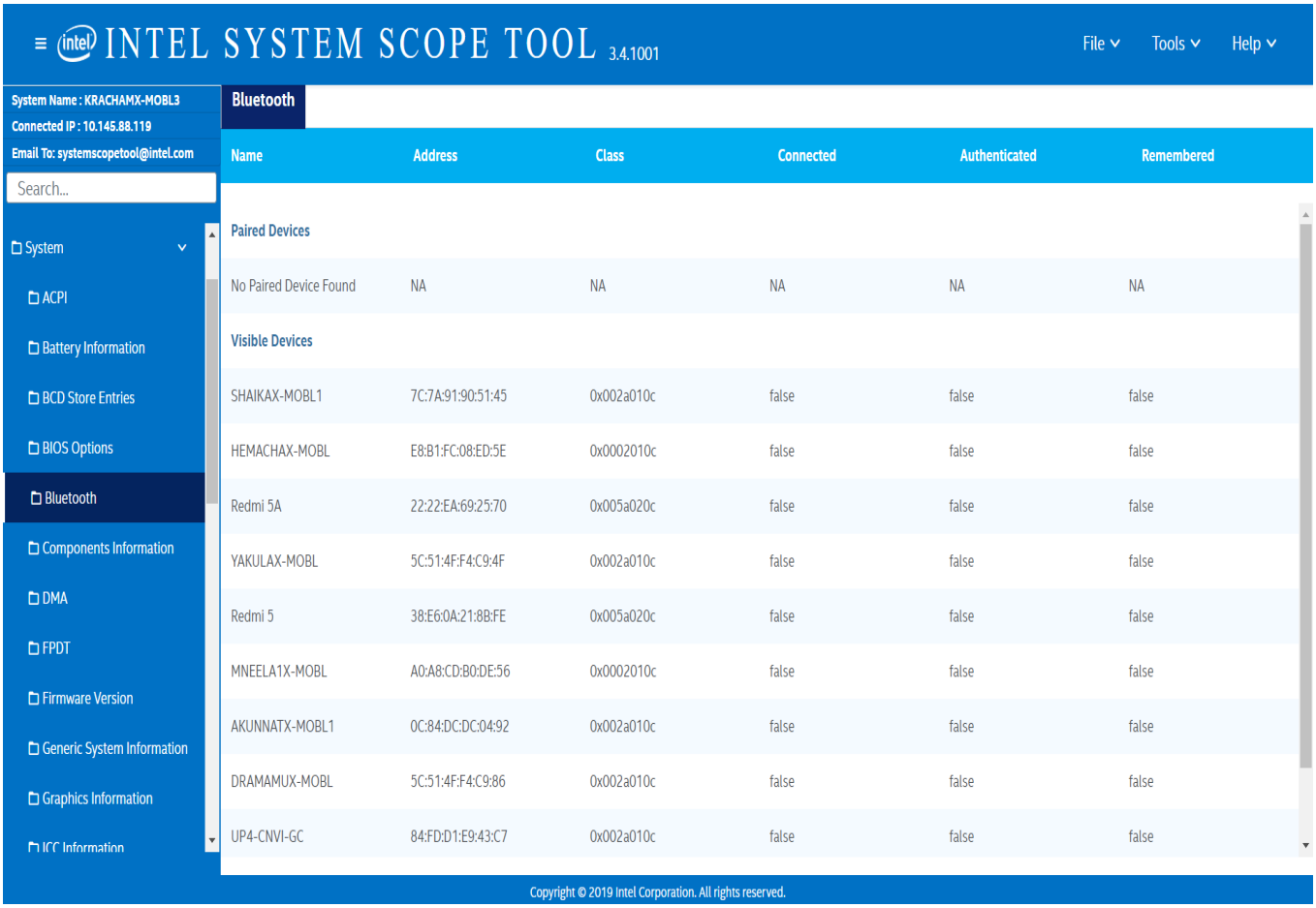
Fig 4.11 Memory



4.12 Bluetooth

This module gives the data of Paired and Visible Bluetooth Devices.

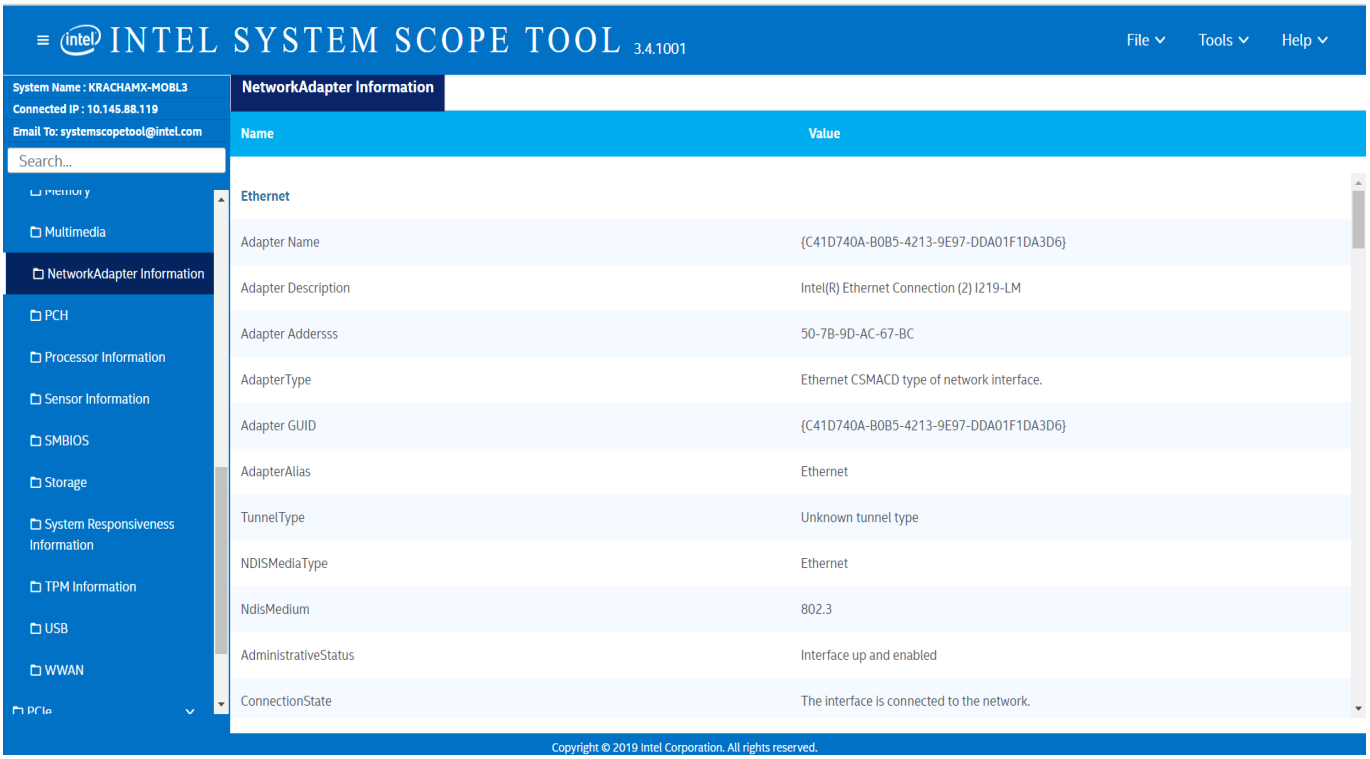
Figure 4.26 Bluetooth



4.13 Network Adapter Information

Display the complete set of information about the network adaptors. This tab retrieves the Complete information about network data. It displays the description and value of net connection ID, status, Mac address and information relate to network adapters.

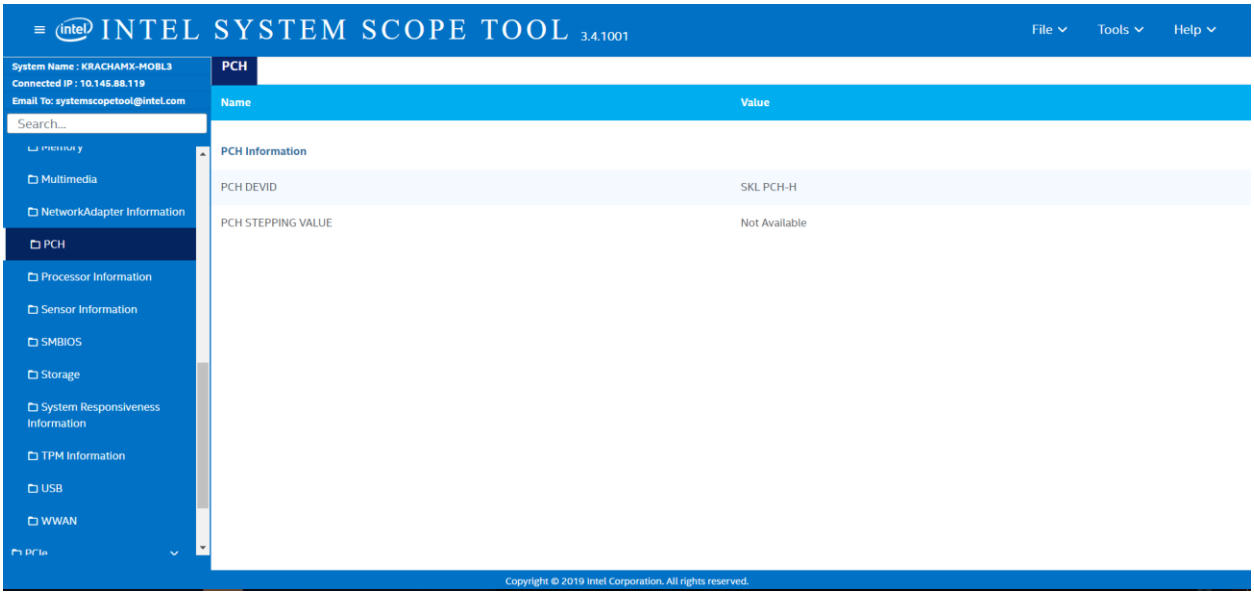
Fig 4.13 Network Adaptor Information



4.14 PCH Information

Click on “PCH” tab, it displays the complete information of the processor controller hub details PCH DEVID, PCH STEPPING VALUE.

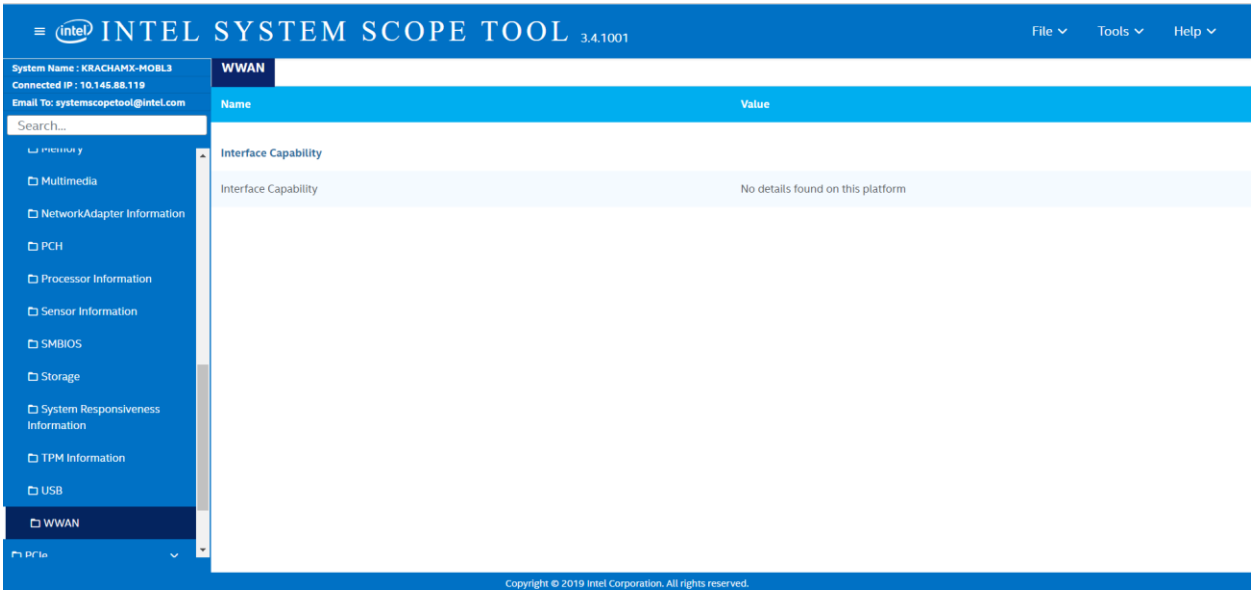
Fig 4.14 PCH Information



4.15 WWAN

This module gives the interface capabilities and basic information of connected WWAN device.

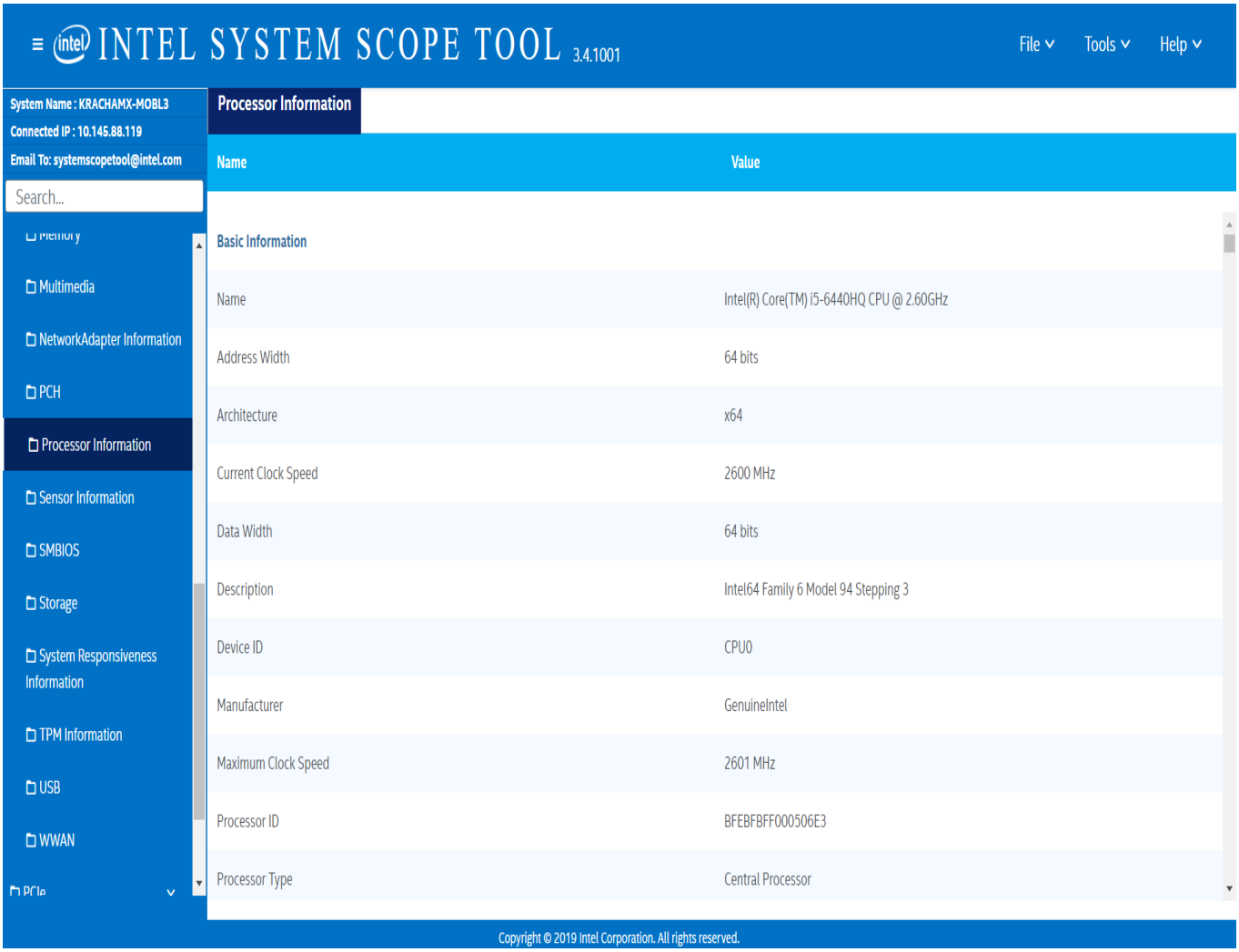
Figure 4.15 WWAN



4.16 Processor Information

Click on “Processor Information” to view the complete processor information. It contains topology, Instructions, p state. This will displays the complete information about processor available on Board.

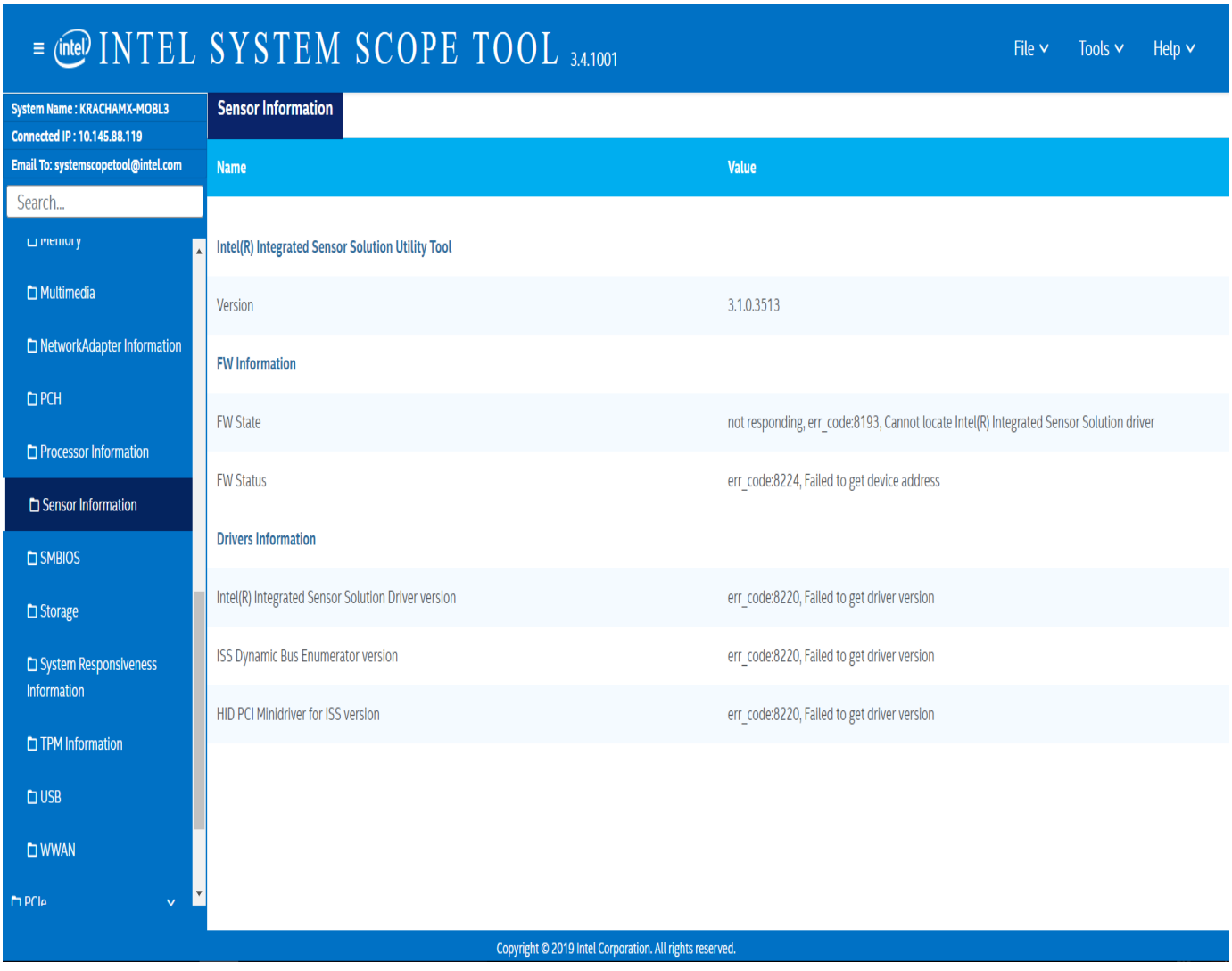
Fig 4.16 Processor Information



4.17 Sensor Information

Displays complete information of the sensors available on the board. This tab will give information About sensors. It displays the information about sensor properties available on machine.

Fig 4.17 Sensor Information

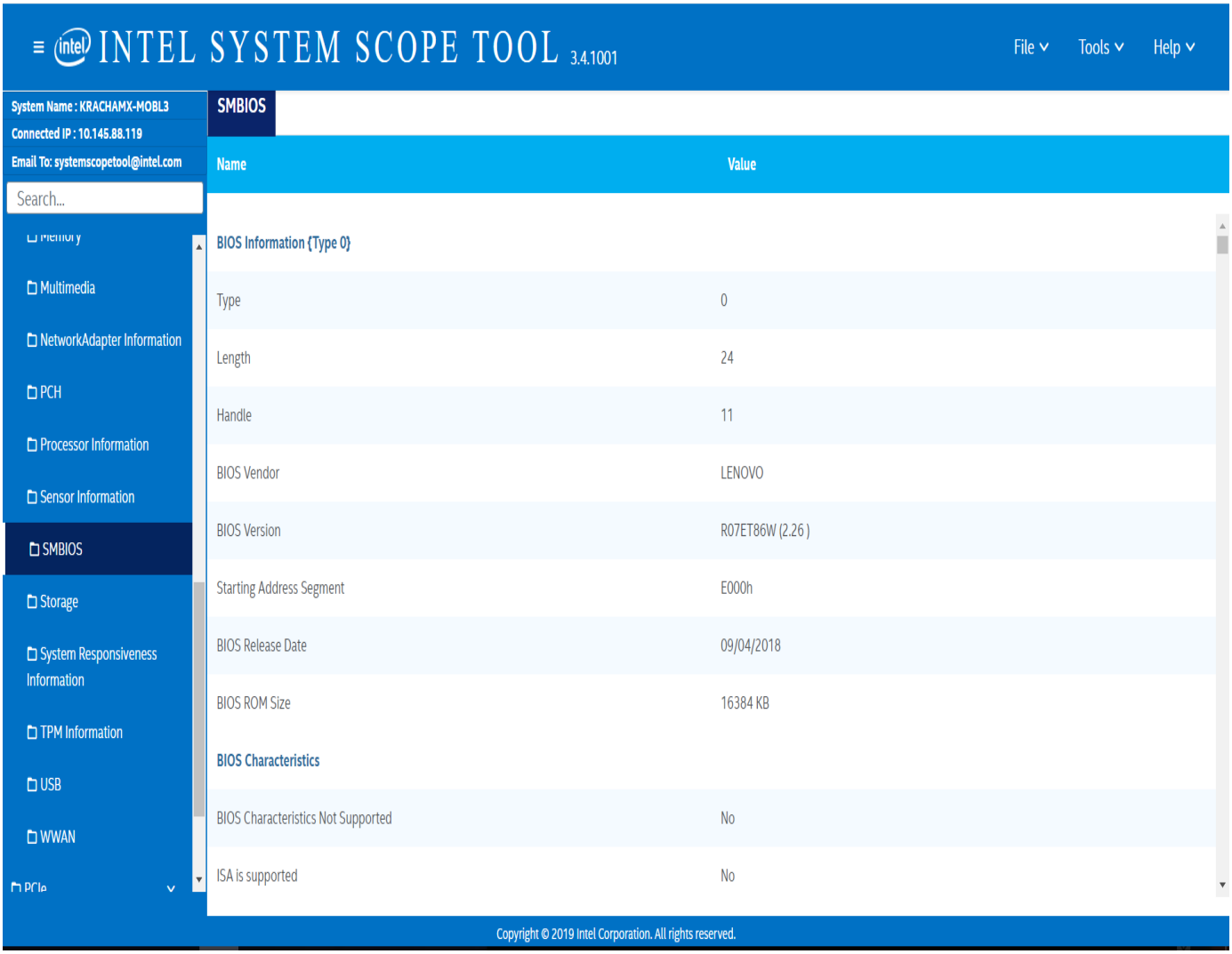


4.18 SMBIOS

Click on “SMBIOS” tab to view the complete information. This is BIOS dependent.

SMBIOS needs to export this information through SMBIOS details.

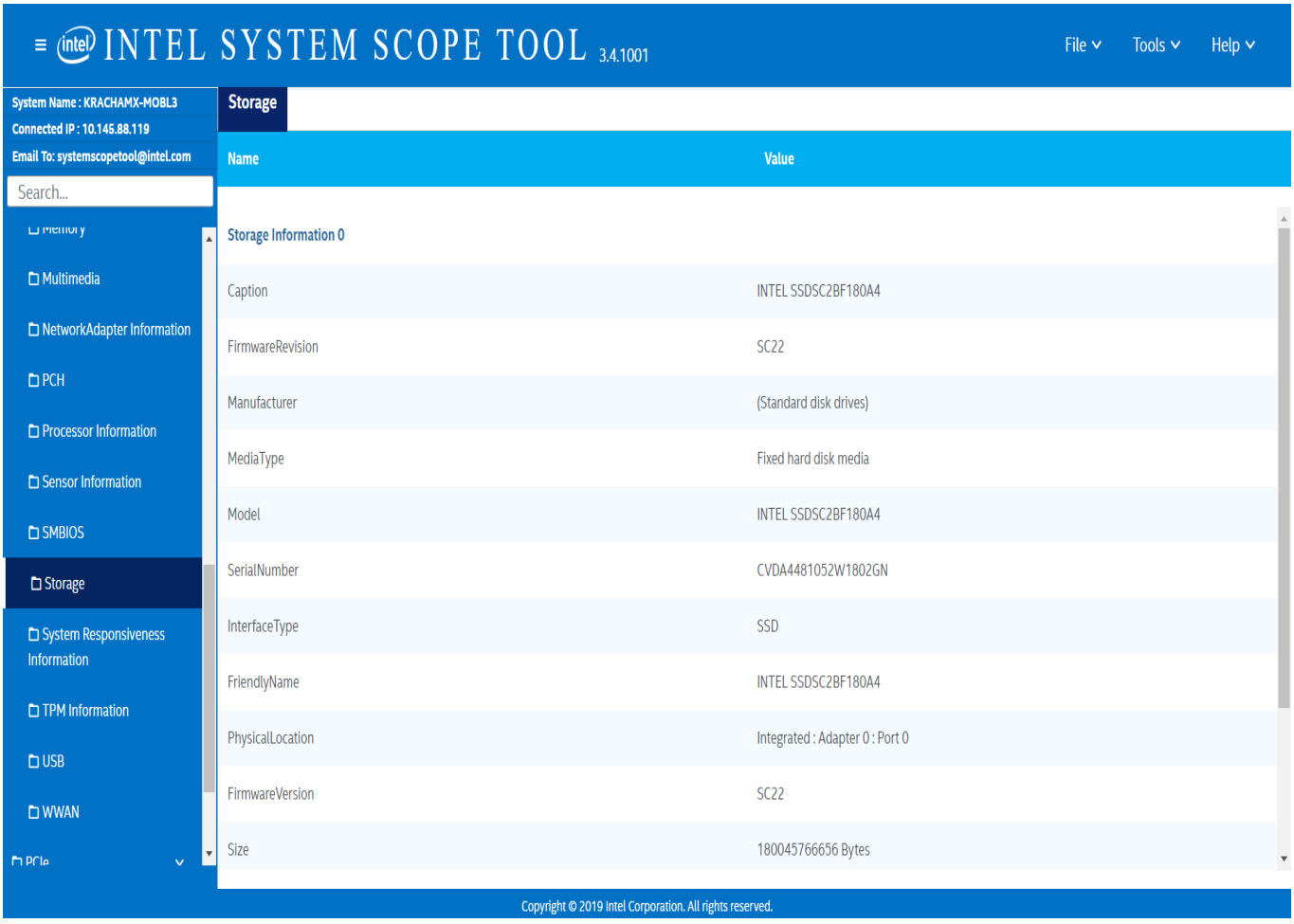
Figure 4.18 SMBIOS



4.19 Storage

Click on “Storage” tab to get the storage details. This tab will give the information about the Caption, firmware revision, interface type, manufacturer, media type, model and serial number.

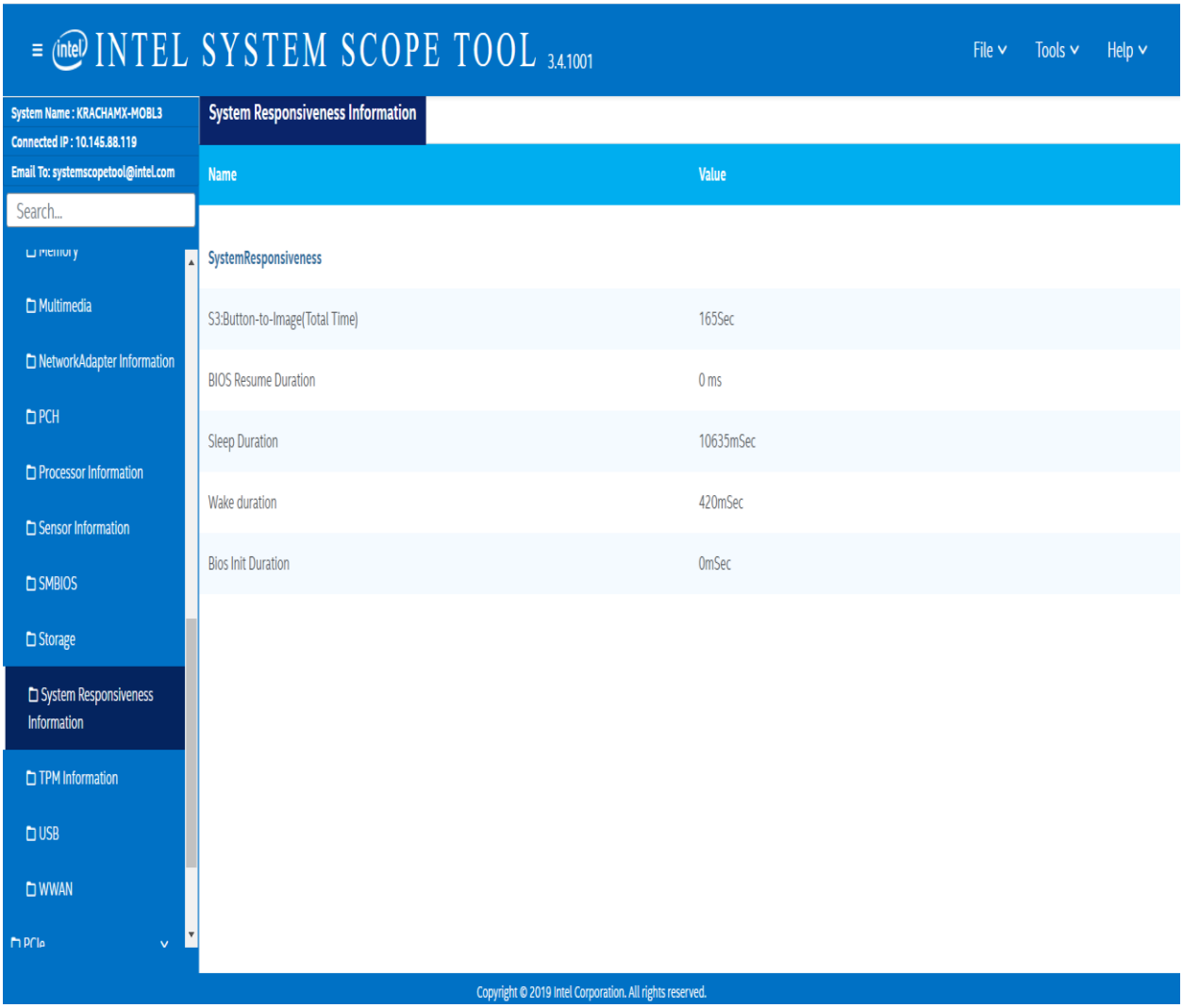
Figure 4.19 Storage



4.20 System Responsiveness Information

Click on complete System Responsiveness Information to view the timing information for boot, Hibernate and sleep.

Figure 4.20 System Responsiveness Information

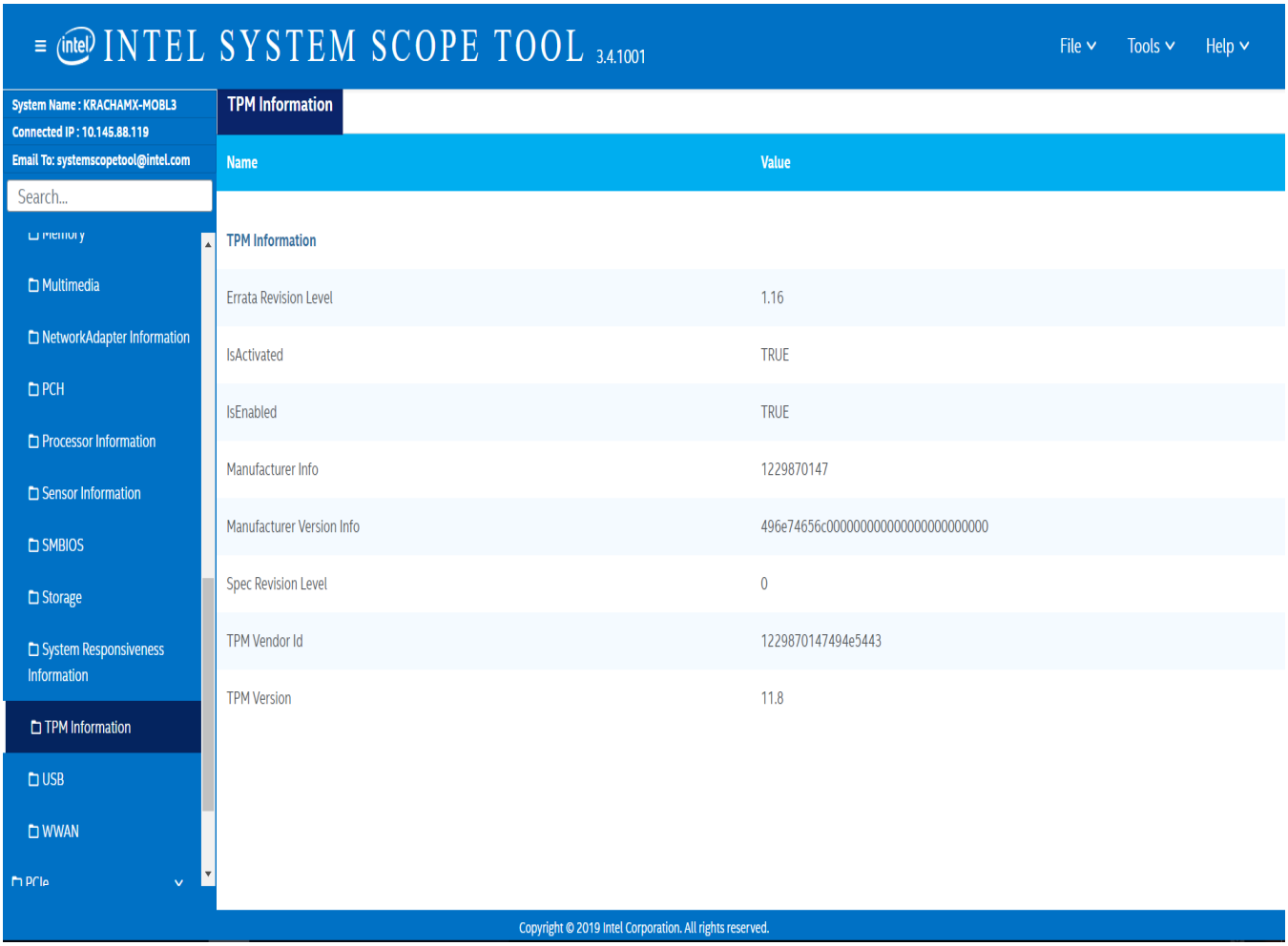


4.21 TPM Information

Click on “TPM Information” tab to get the TPM details. This tab will give information about TPM.

This tab displays the manufacturer info and TPM vendor ID and version.

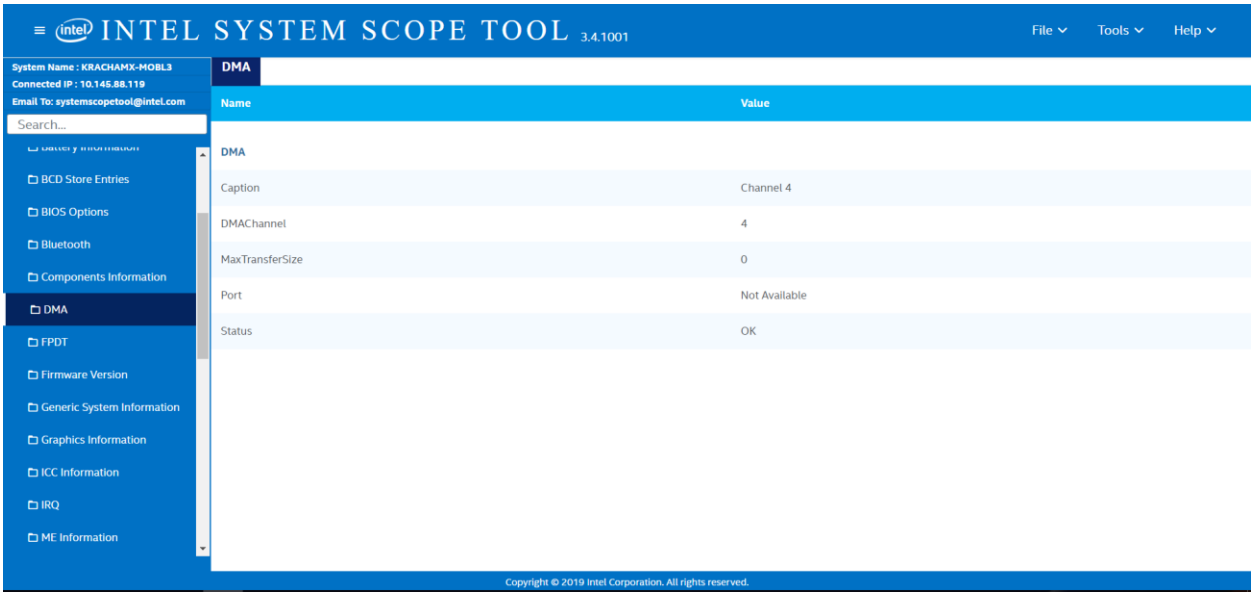
Figure 4.21 TPM Information



4.22 DMA

This module gives the information about DMA (Direct Memory Access).

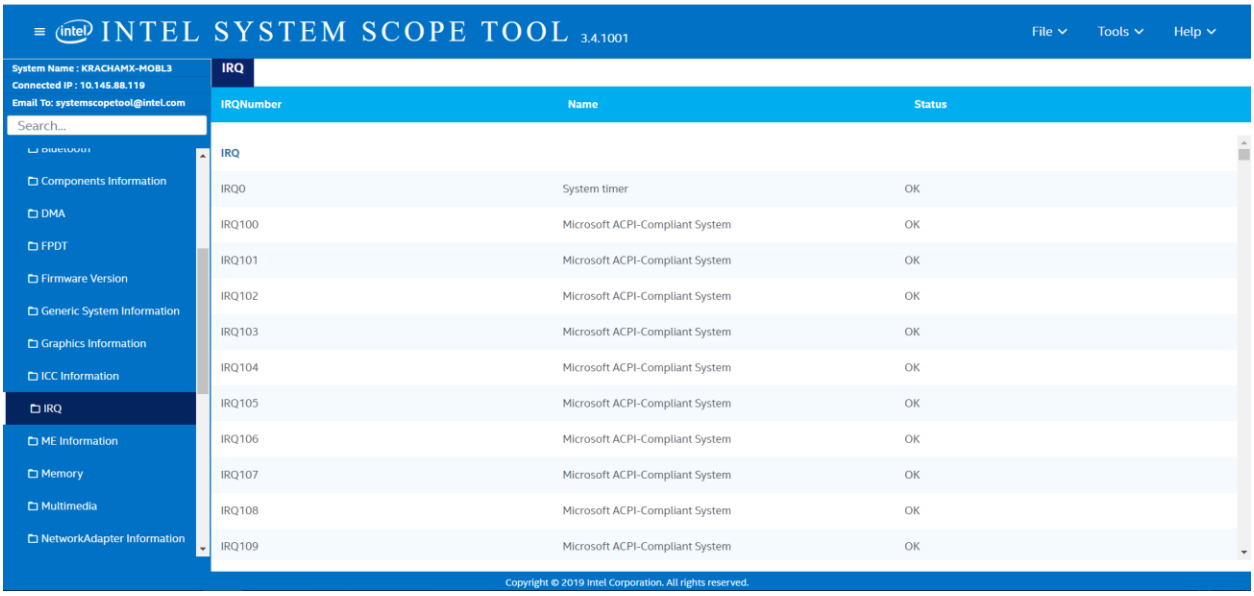
Figure 4.22 DMA



4.23 IRQ

This module give the information about all the Resource – Device IRQ numbers.

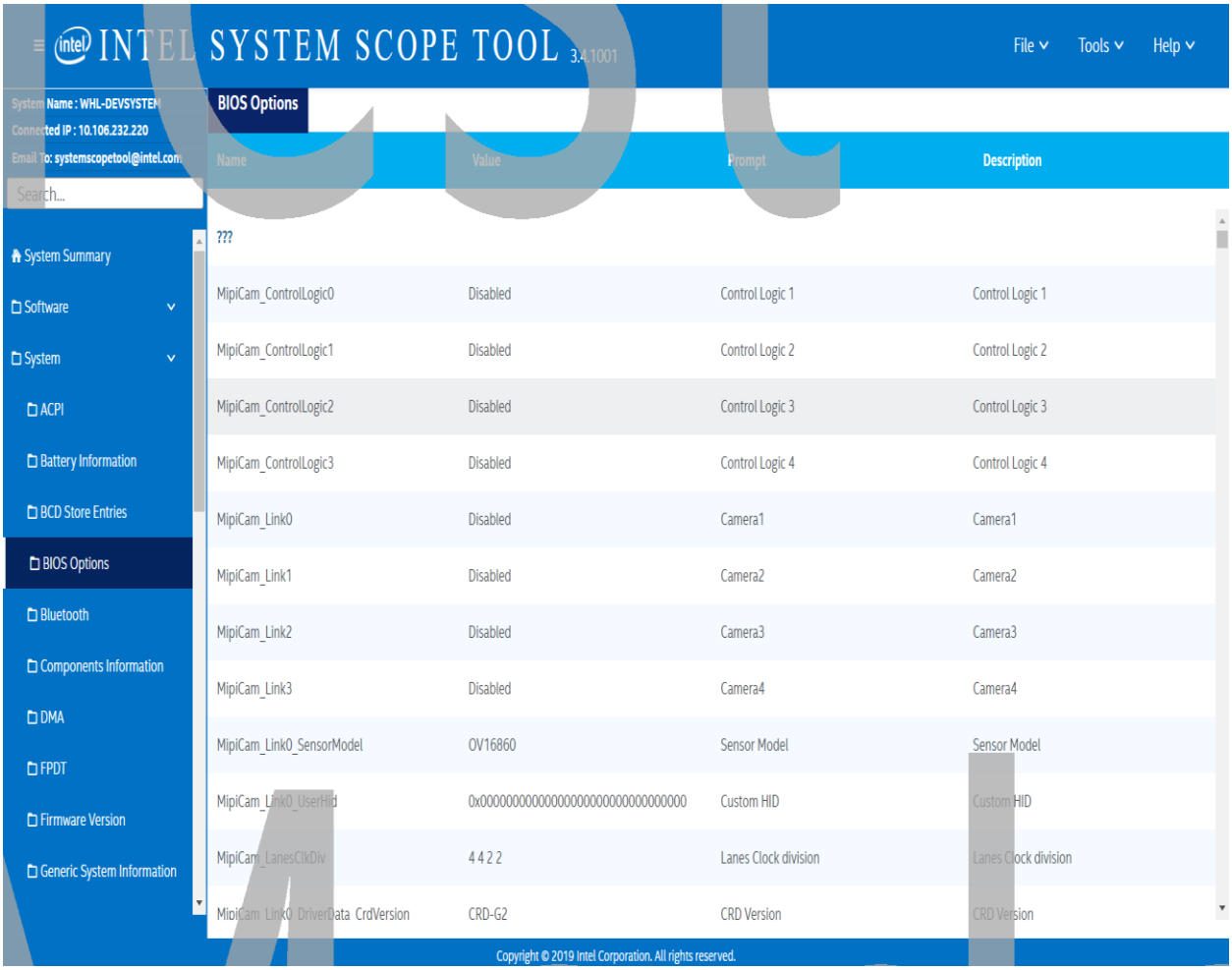
Figure 4.23 IRQ



4.24 BIOS Options

This module displays all the options in the Bios page along with their current value.

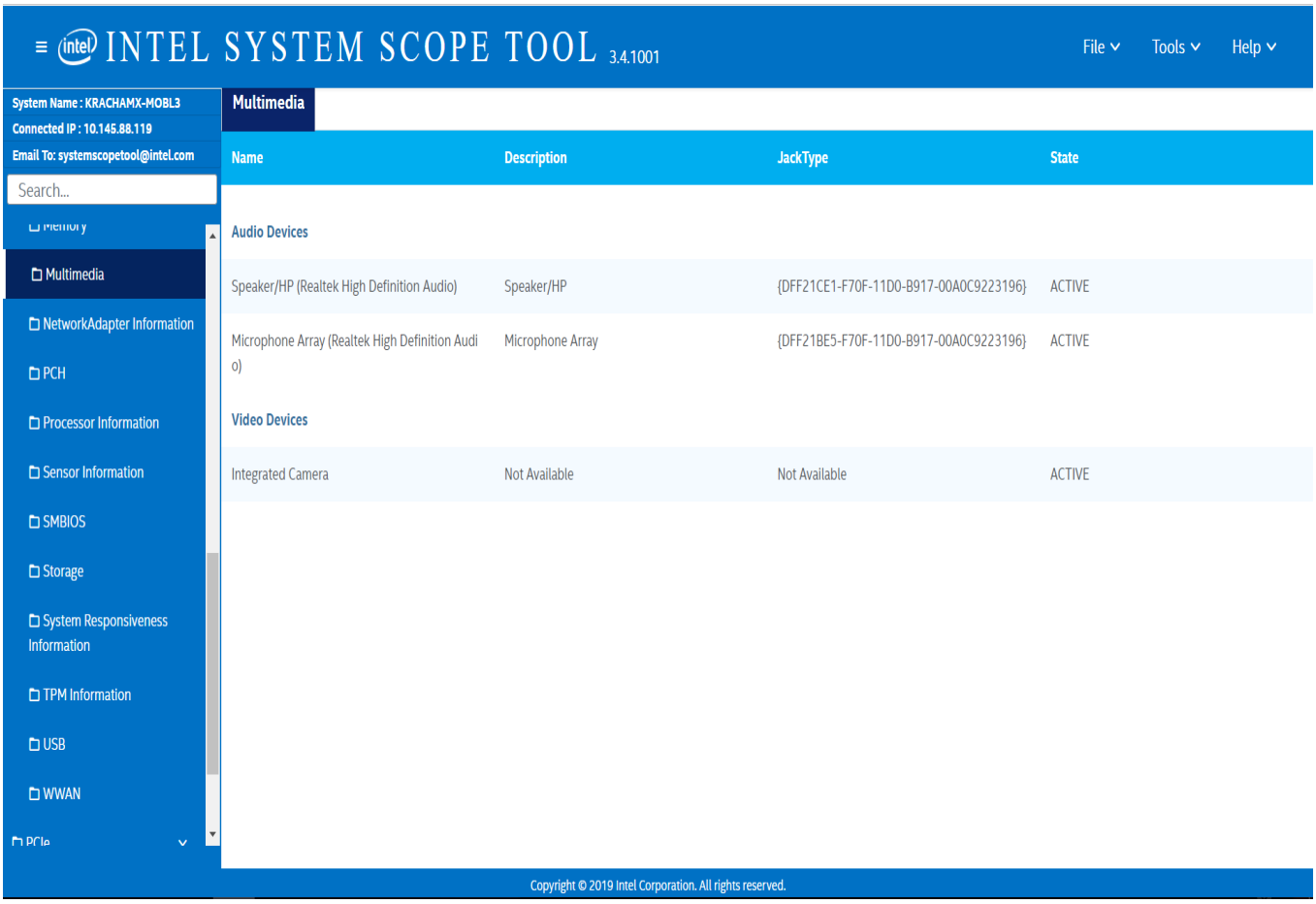
Figure 4.24 BIOS Options



4.25 Multimedia

This module gives the data of all the audio and video devices.

Figure 4.27 Multimedia



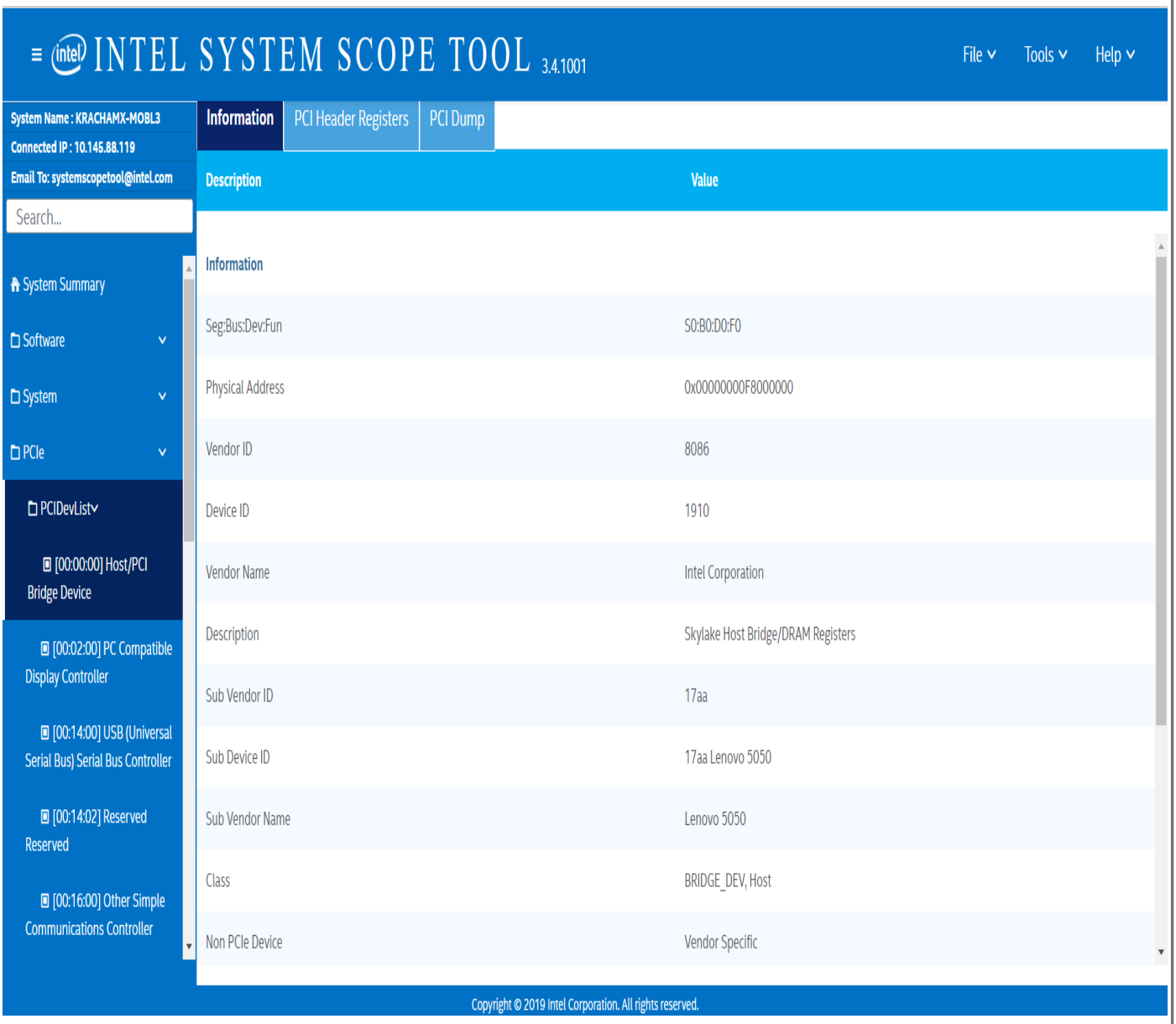
5. PCIe Information

Click on the “PCIe” tab for viewing the PCIe Information.

5.1 PCIDevList

Click on “PCIDevList” tab to get the details of pcidevlist. This tab gives complete PCI information, PCI Header Register and PCI dump

Figure 5.1.0 PCIDevList

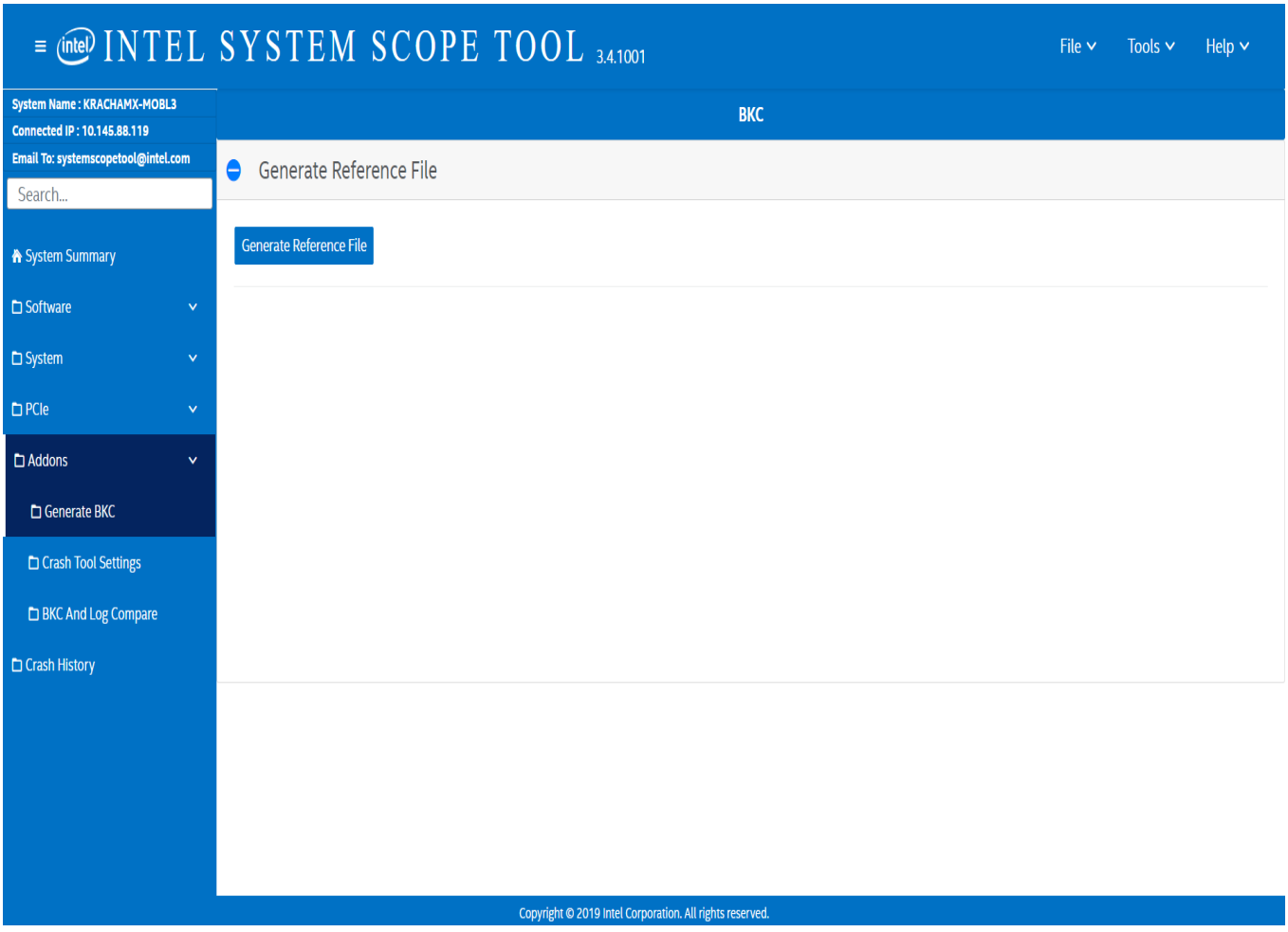


6. Generate BKC

After select the Generate BKC from add-on, the following BKC page is displayed.

Click on “Generate BKC” tab to generate and compare BKC’s.

Figure 6.0 Generate BKC



6.1 Generate Reference File

Use this option to generate the reference file for the selected one.

Click on “Generate Reference File”, displays the list. Select any one from the list and click on “Save reference file”.

Figure 6.1 Generate Reference File

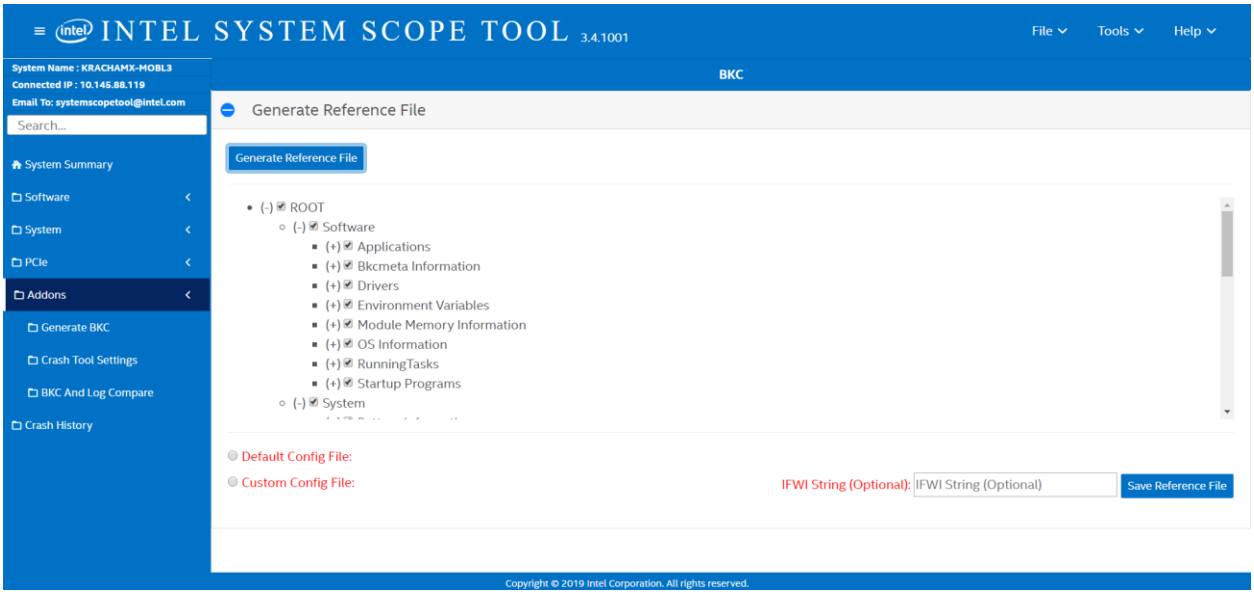
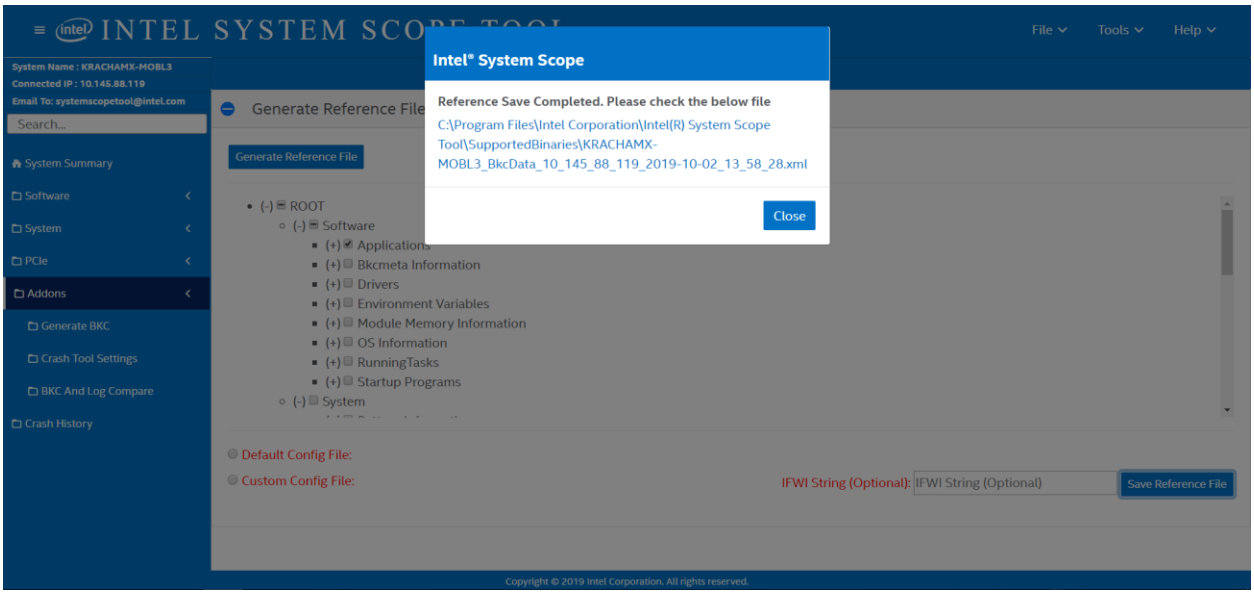
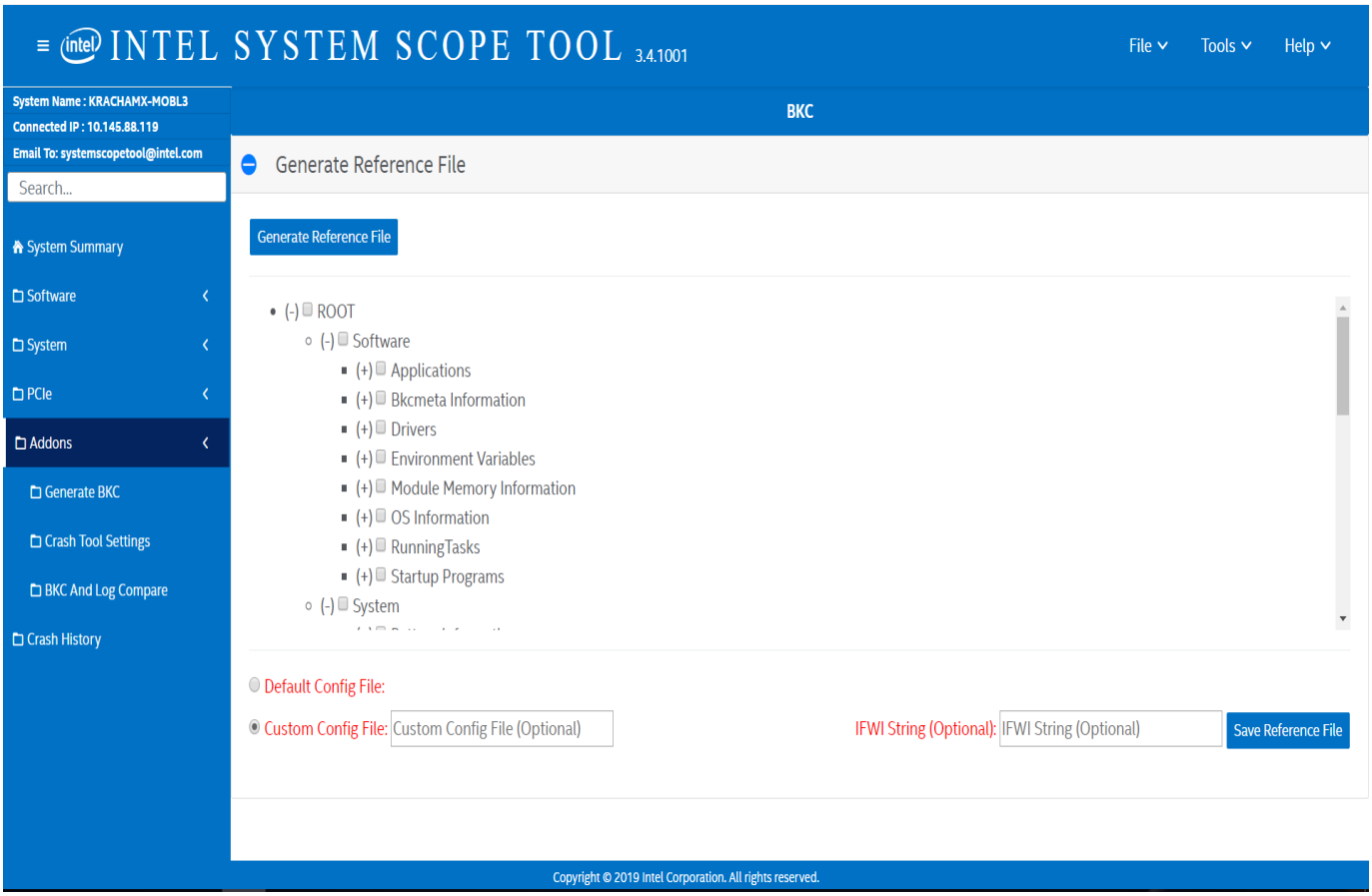


Figure 6.1.1 Generated Reference File Result



Click on the hyperlink to open the file. File will be opened in default browser.

Figure 6.2.2 BKC Generation from Template / Config File



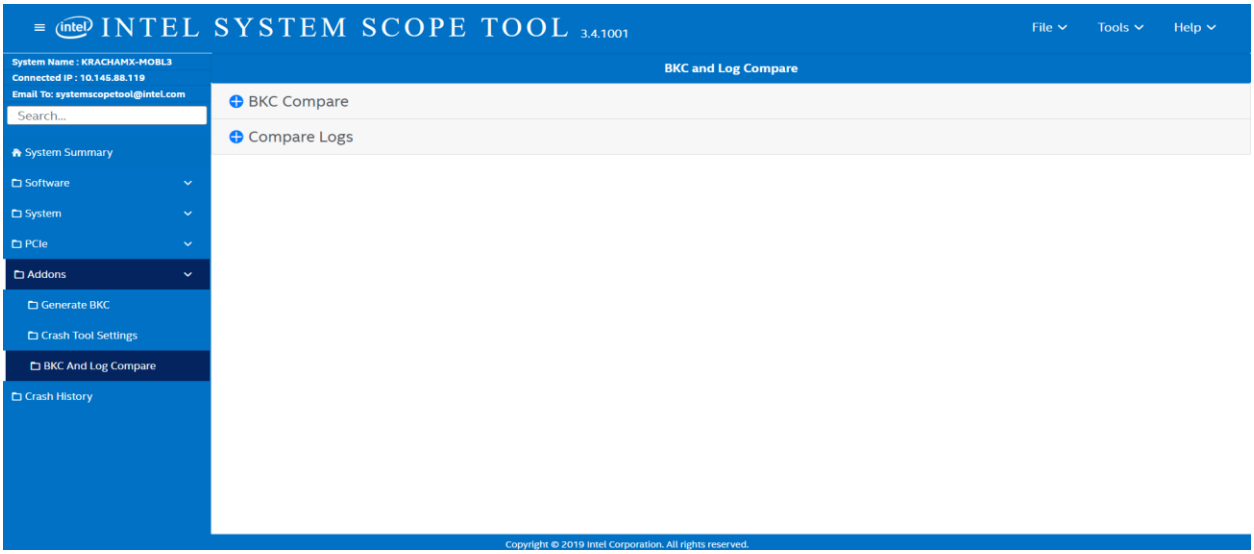
User can also generate BKC File by selecting the ‘Default Config File’ option. This will create BKC File for the default BKC Template present in the tool install location.

User can also enter any custom path for BKC Template by selecting the ‘Custom Config File’ option and enter the file name.

7. BKC and Log Compare

BKC and Log Compare Tab from add-on, has two features namely BKC Compare and Compare Logs.

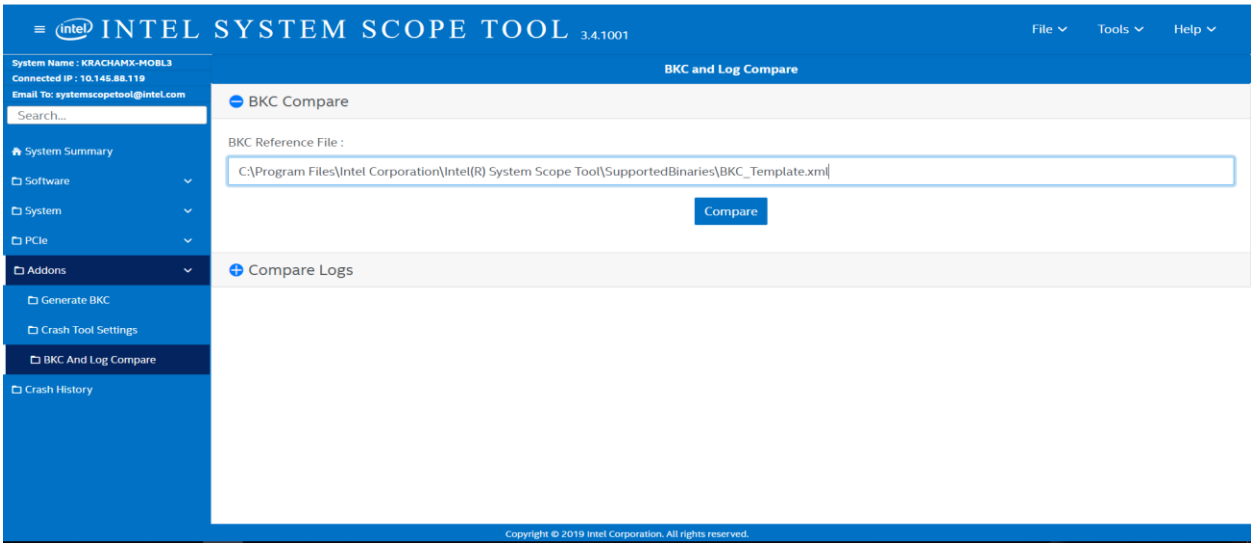
Figure 7.0 BKC And Log Compare



7.1 BKC Compare

On click on BCK Compare, corresponding tab will expand. Here we can compare the BKC File With system configuration. We can provide BKC Reference File, BKC Template and XML log file.

Figure 7.1.0 BKC Compare



After Click on Compare, Overall Summary of the Comparison will be displayed and Comparison HTML and XLS report will be saved. After Click on View result the comparison report will open in the default browser. Result file is accessible from browser, only if the user is an administrator.

Figure 7.1.1 BKC Overall Summary

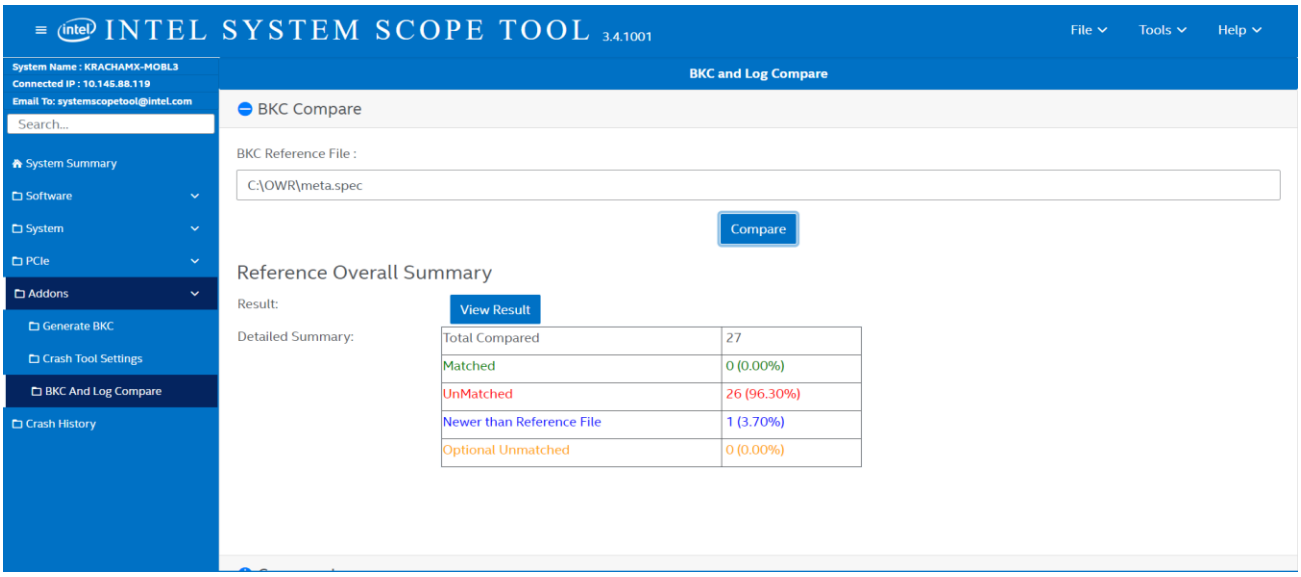
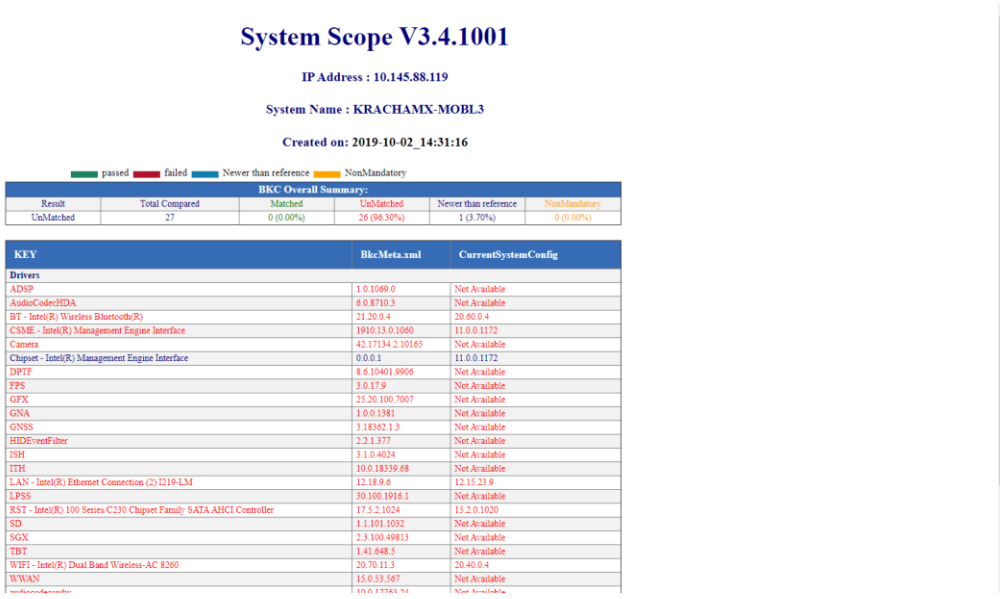


Figure 7.1.2 BKC Compare HTML Report



System Scope V3.4.1001

IP Address : 10.145.88.119

System Name : KRACHAMX-MOBL3

Created on: 2019-10-02_14:31:16

passed failed Newer than reference NonMandatory

BKC Overall Summary:

Result	Total Compared	Matched	UnMatched	Newer than reference	NonMandatory
UnMatched	27	0 (0.00%)	26 (96.30%)	1 (3.70%)	0 (0.00%)

KEY	BkcMeta.xml	CurrentSystemConfig
Drivers		
ADSP	1.0.1069.0	Not Available
AudioCodecHDA	6.0.8710.3	Not Available
BT - Intel(R) Wireless Bluetooth(R)	21.20.0.4	20.60.0.4
CSME - Intel(R) Management Engine Interface	1910.13.0.1060	11.0.0.1172
Camera	42.17134.2.10165	Not Available
Chipset - Intel(R) Management Engine Interface	0.0.0.1	11.0.0.1172
DPTF	8.6.10401.9906	Not Available
FPS	3.0.17.9	Not Available
GFX	25.20.100.7007	Not Available
GNA	1.0.0.1381	Not Available
GNSS	3.18362.1.3	Not Available
HIDEventFilter	2.2.1.377	Not Available
ISH	3.1.0.4024	Not Available
ITH	10.0.18339.68	Not Available
LAN - Intel(R) Ethernet Connection (2) I219-LM	12.18.9.6	12.15.23.9
LPSS	30.100.1916.1	Not Available
RST - Intel(R) 100 Series/C230 Chipset Family SATA AHCI Controller	17.5.2.1024	15.2.0.1020
SD	1.1.101.1032	Not Available
SGX	2.3.100.49813	Not Available
TBT	1.41.648.5	Not Available
WIFI - Intel(R) Dual Band Wireless-AC 8260	20.70.11.3	20.40.0.4
WWAN	15.0.53.567	Not Available

7.2 Compare Logs

Compare Logs Option will compare multiple Systemscope xml Logs. Input should be the folder Path which contains all the xml logs which are to be compared. Click on compare, on successful Comparison the report will be saved in XLS format.

Figure 7.2.0 Compare Logs

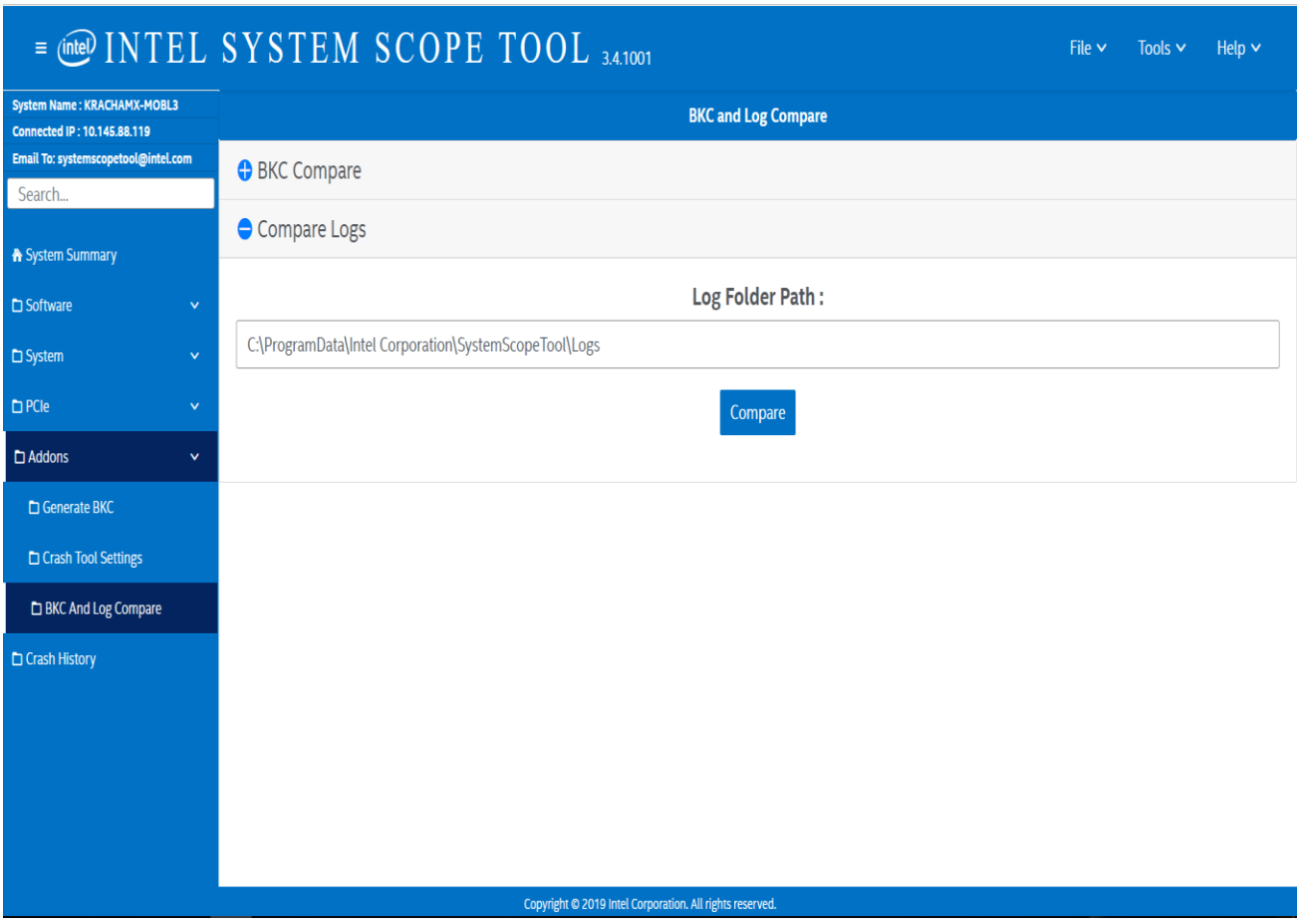
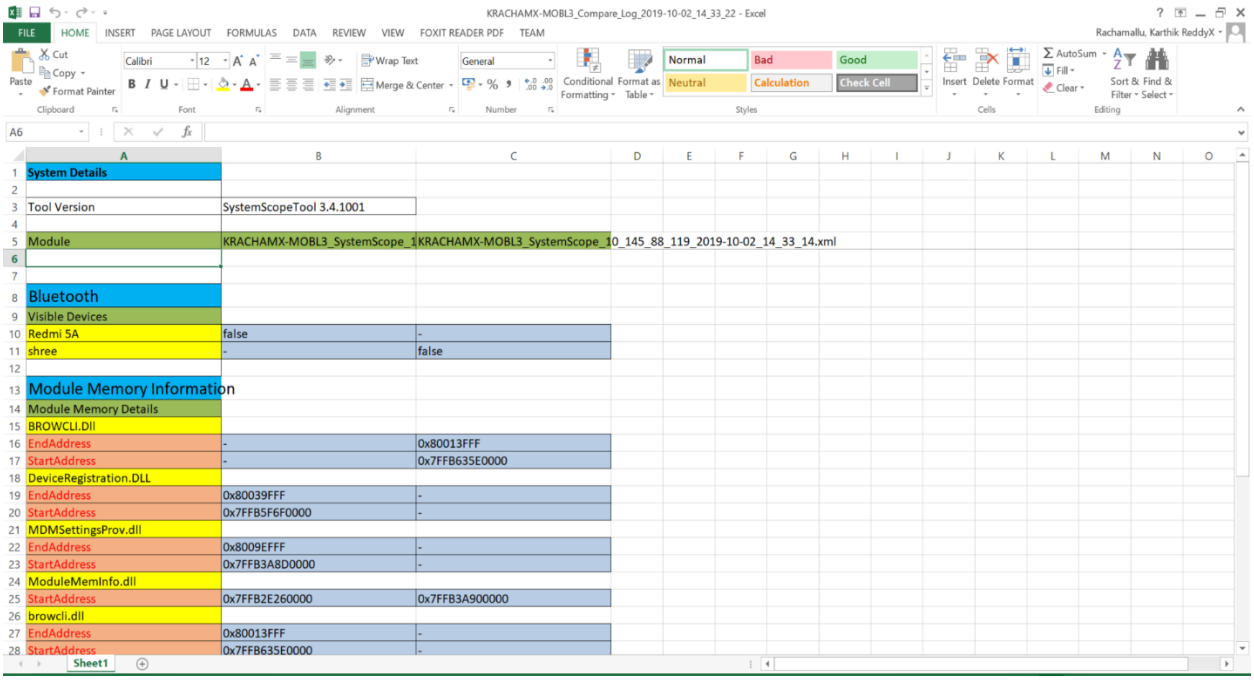


Figure 7.2.1 Compare Logs Result Pop up

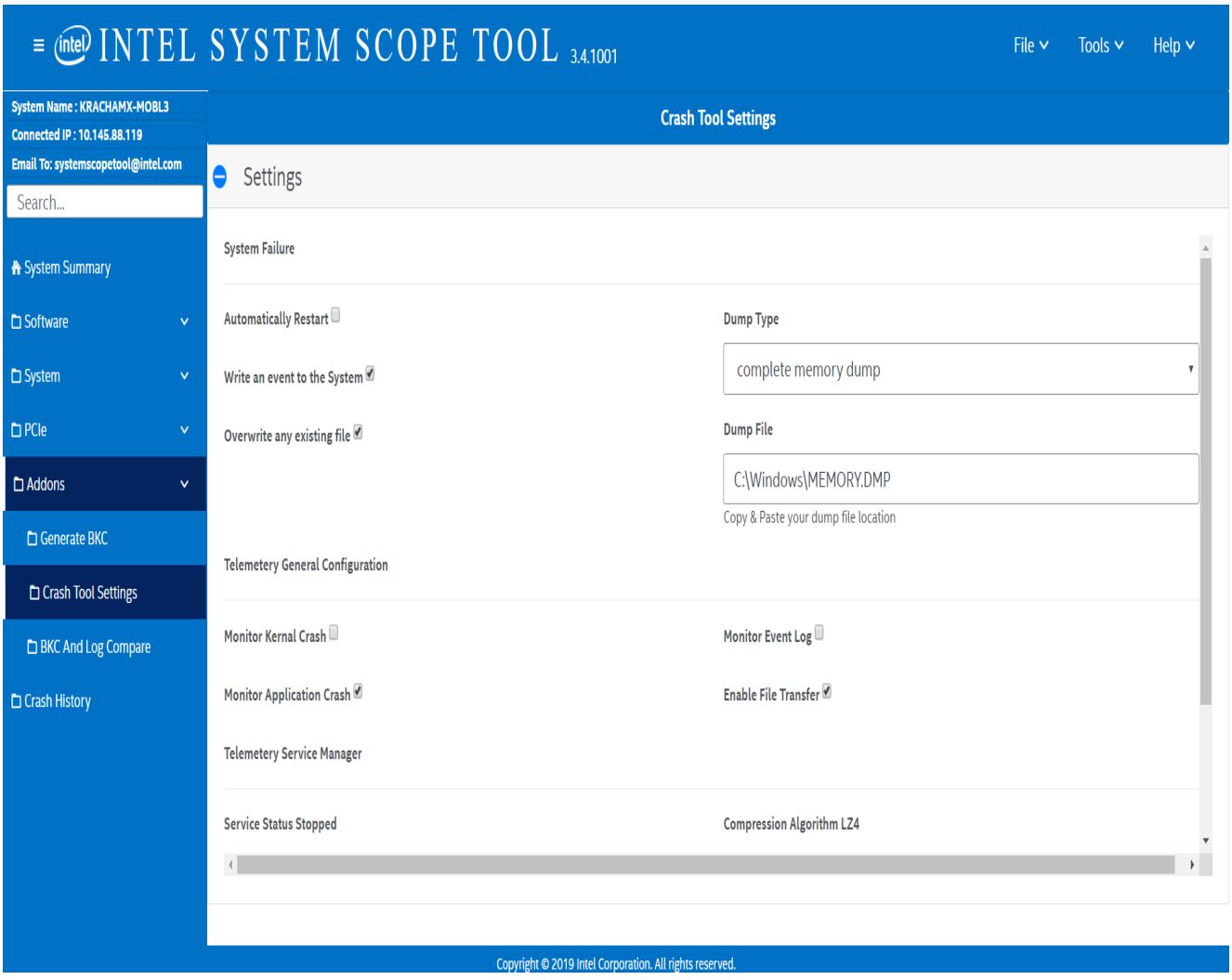
Figure 7.2.2 Compare Logs Sample XLS Report



8. Crash Tool Settings

After select the crash tool settings from add-on, the following crash tool page is displayed.

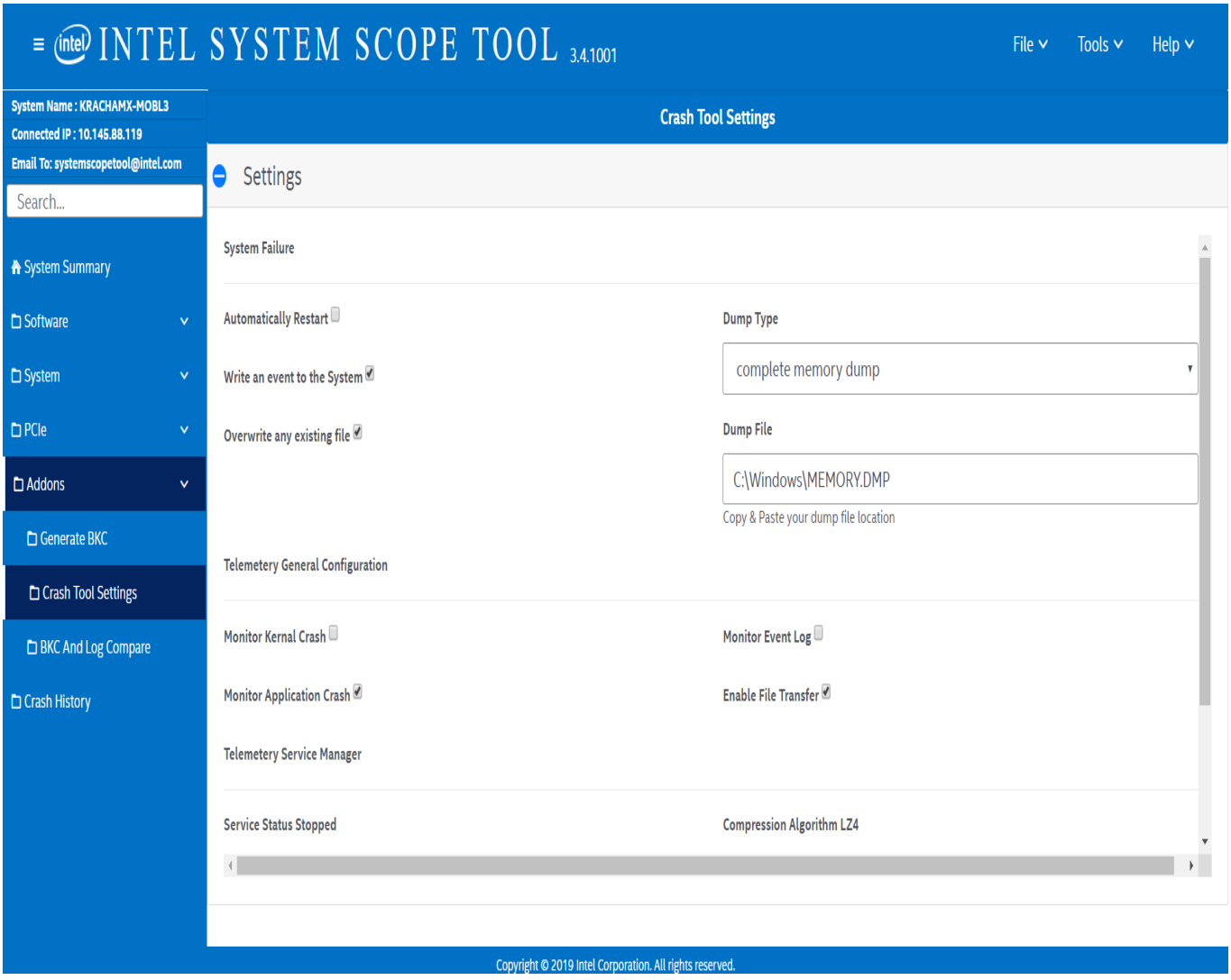
Figure 8.0 Crash Tool Setting



8.1 Settings

Initially registry form filled with some default values, for saving that values just click on “Save” button. Settings will be saved successfully.

Figure 8.1 Settings



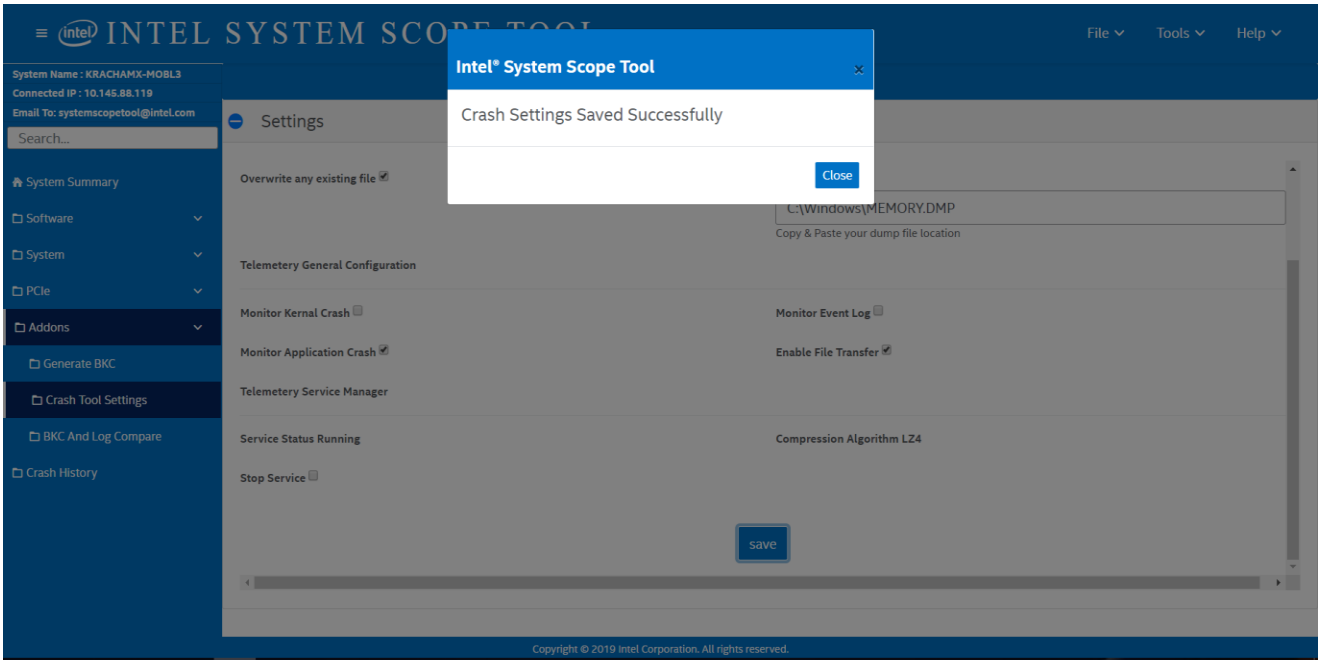
Crash Tool Settings

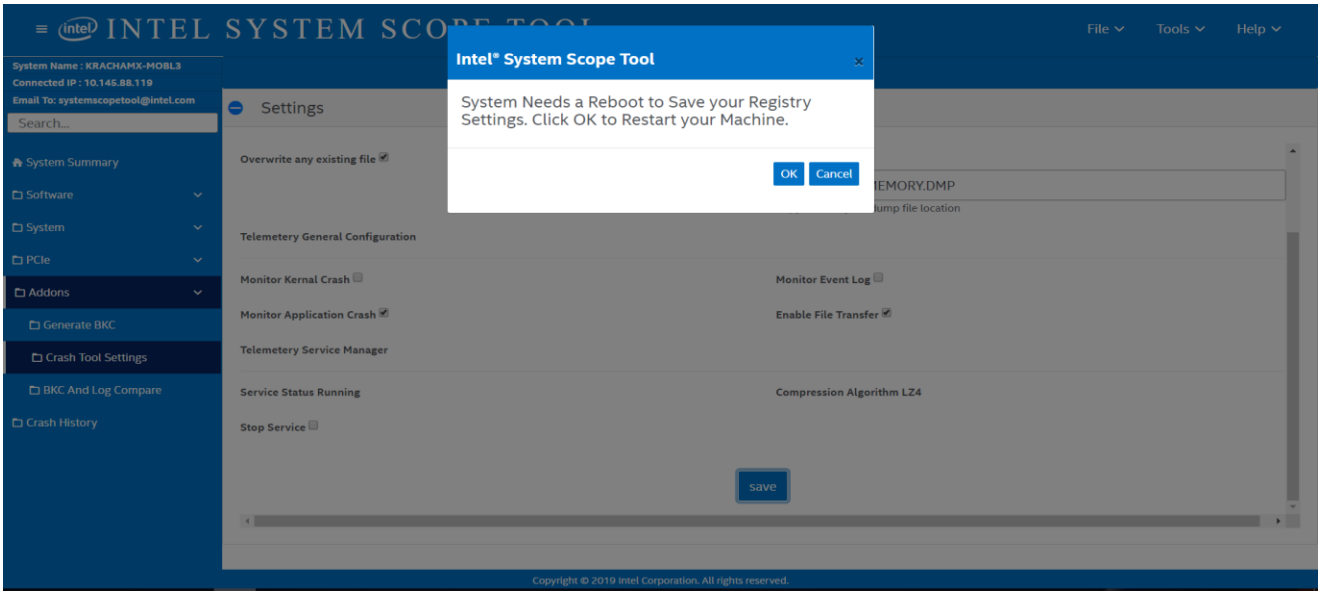
If user wants to change the initial register values, then change the values and click on “save”.

System reboot popup is appear.

If click on “ok”, the system is reboot.

If click on “cancel”, the registry values are displayed.

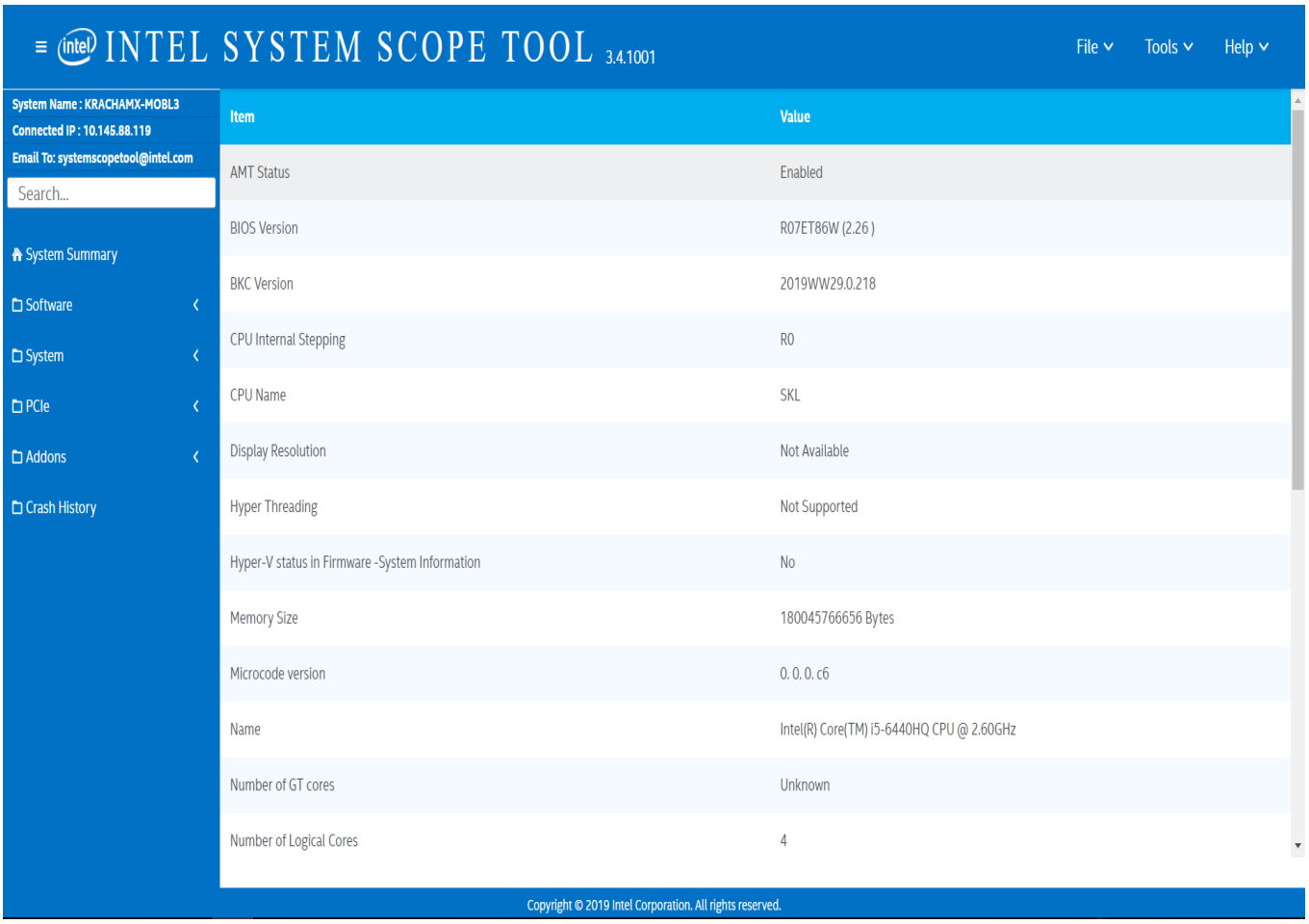




9. System Summary

This feature of SystemScopeTool lists all the important fields of the Tool when the tool is Launched and also when the user clicks on the System Summary tab.

Fig 9.0 System Summary



10. Crash History

On Click of Crash History Tab, Intel (R) Crash Analysis Tool.html page will open. It will display all the crashes reported.

Figure 10.0 Crash History

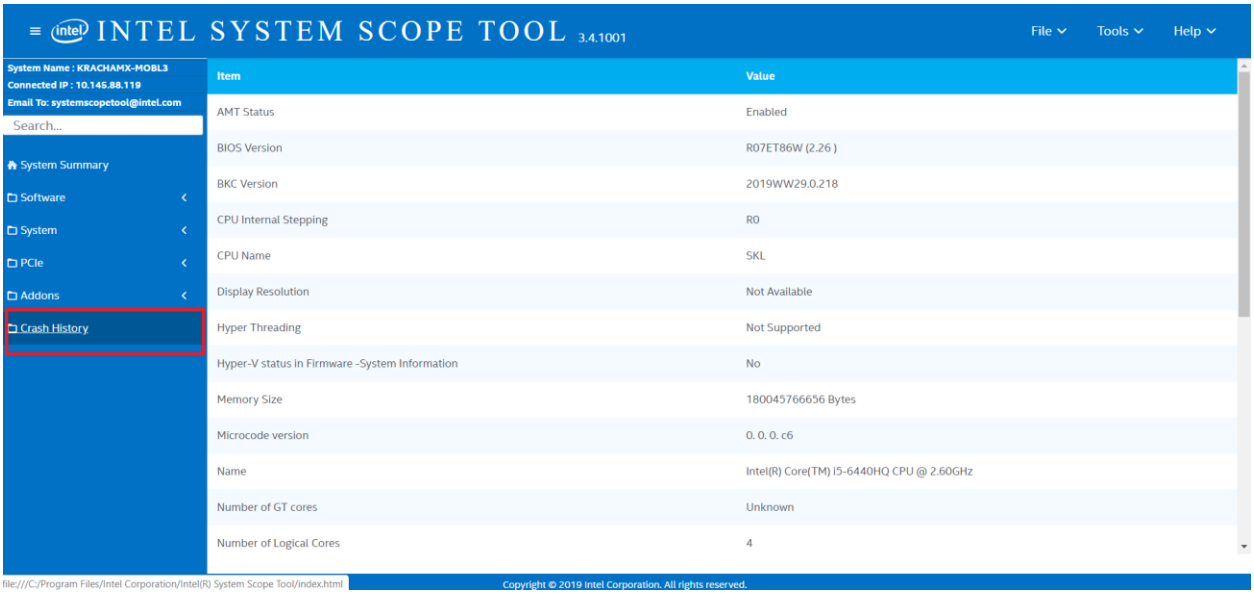


Figure 10.1 Crash tool HTML page

11. Workspace

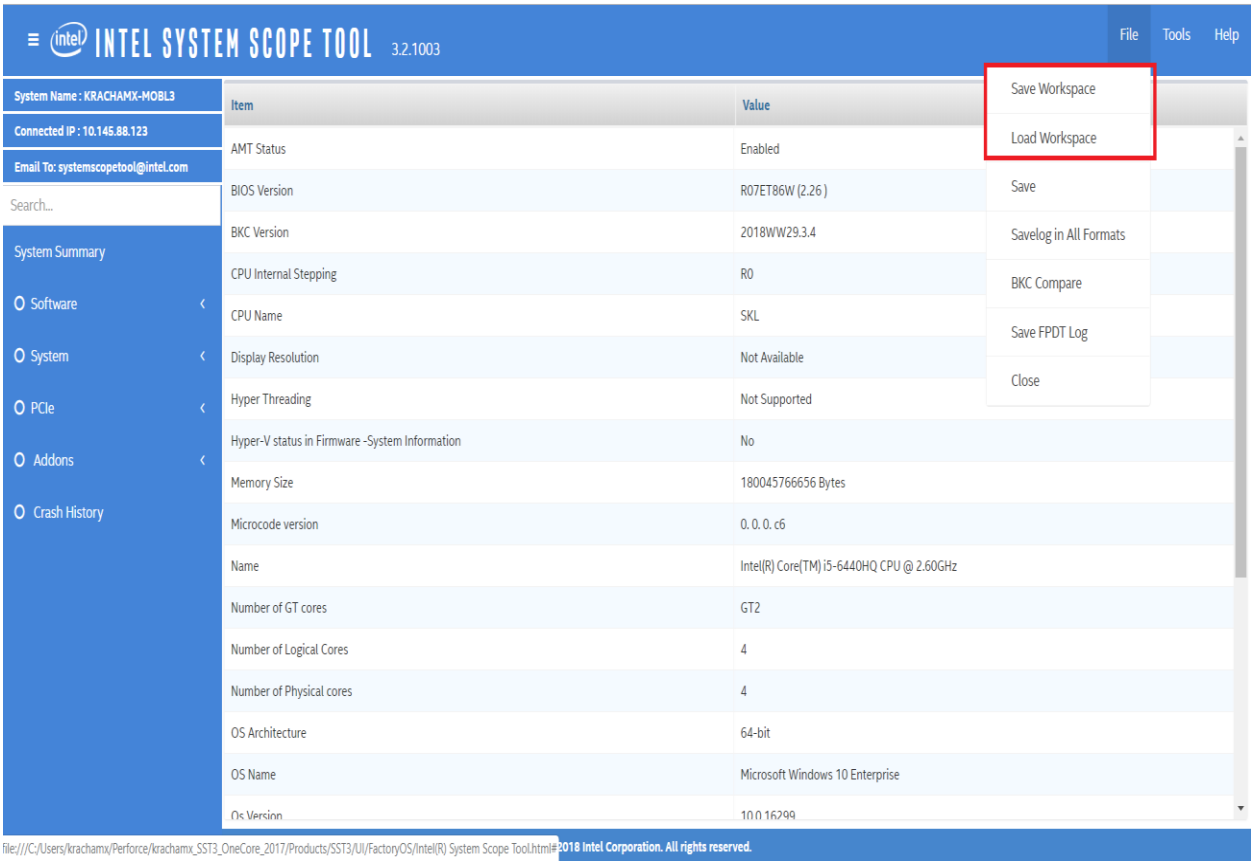
SST provides an option to save all the settings in a workspace file and transfer this file to other Machines and even across operating systems.

Once all the settings are finalized, go to File-> save workspace and save the .xml file.

Refer Figure 19.2 and 19.3 to find a way to save and load the workspace.

When you want to transfer these settings to another machine, copy this workspace file to the new Machine and load the workspace file using File-> Load workspace.

Figure 11.0 Workspace



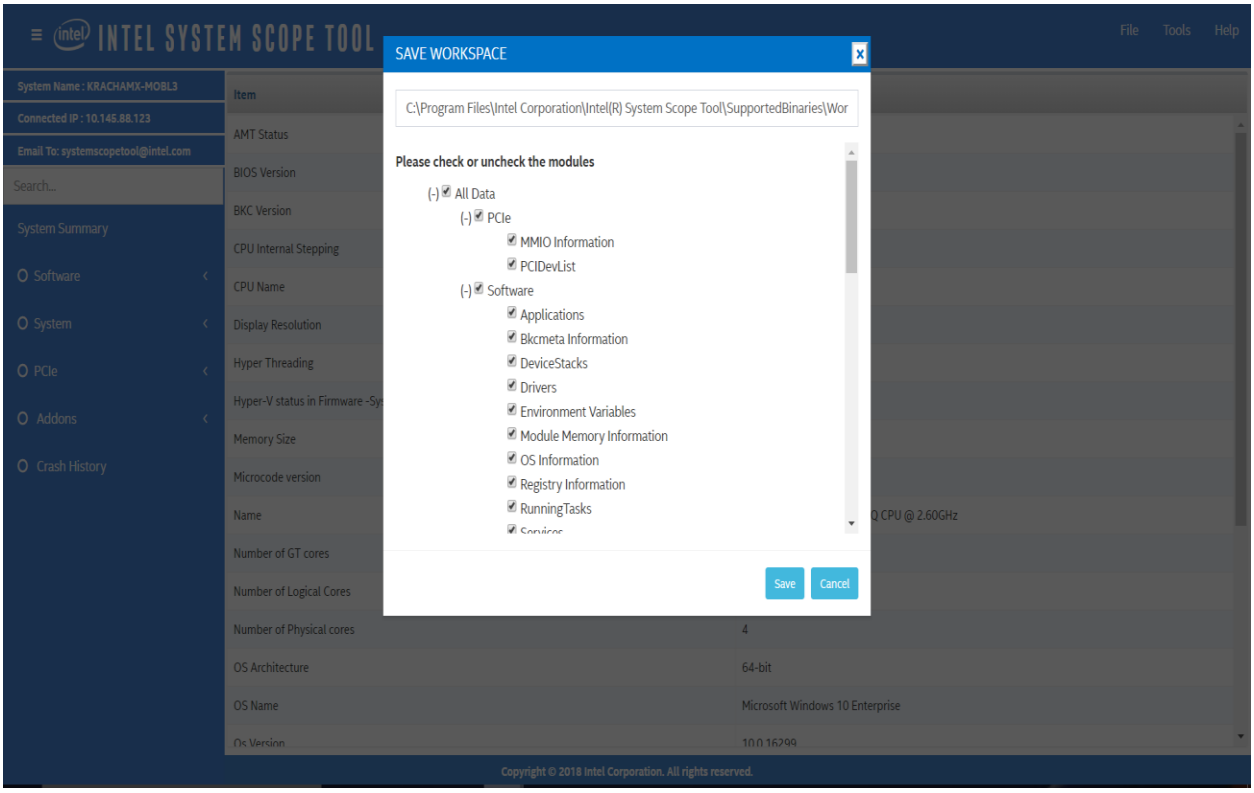
11.1 Save workspace

The user has an option to save the following options in to a workspace file.

1. **General:** Under Tools->settings->General tab user can save enable auto refresh, polling Period, participate SST3 improvement and FPDT settings.
2. **Logging**: Under Tools->settings->Logging tab user can save default path for log file, Format option (html, xml, csv and both xml and html) and module selection.

After clicking save workspace, below dialog box will appear. You can save the work space at Default location or else you can enter a location of choice.

Figure 11.1 save Workspace

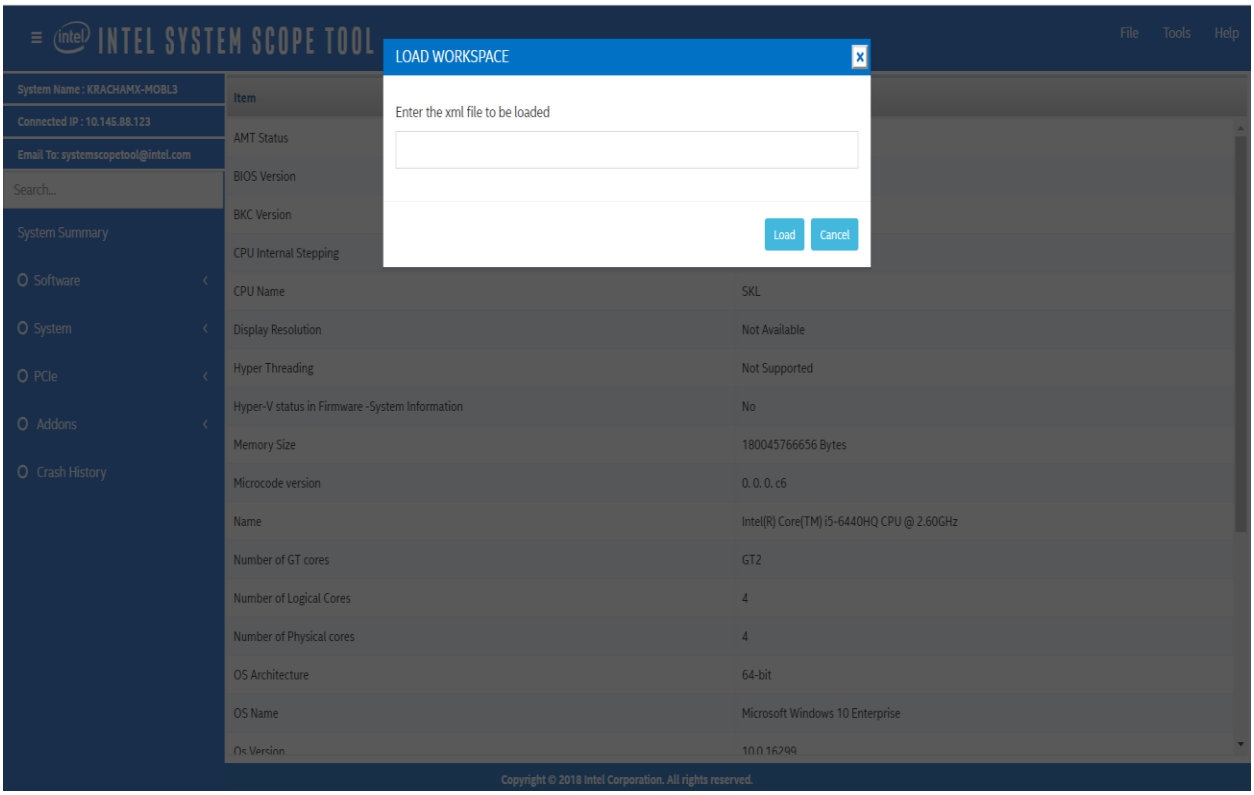


11.2 Load Workspace

Clicking on the load workspace option in Figure 19.0 will open the below dialog box.

Choose the required workspace file and click on “submit” button for loading the workspace.

Figure 11.3 Load Workspace



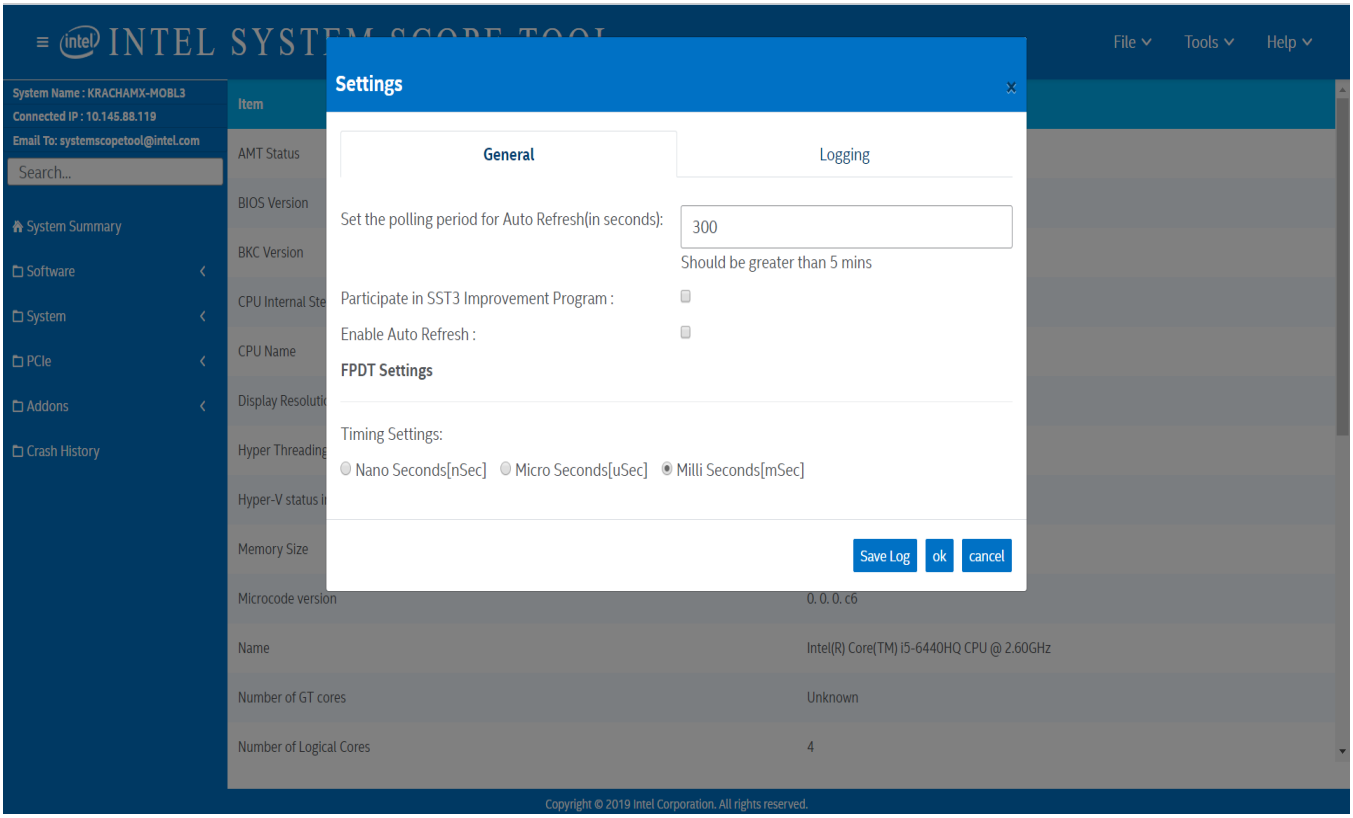
12. Settings

Click on “Settings” menu item to view/modify general and logging settings under Tools menu.

12.1 General

This window allows the user after submitting FPDT settings, then for any next module if we Opened, it should refreshes whole tab.

Figure 12.0 General



12.1.1 Participate in SST3 improvement program

System Scope Tool has a product improvement program, you can participate by accepting the License agreement of Intel® participate improvement program after installation or after launching UI enable it from Setting -> General tab. Please refer to Figure 12.0 for the options screen shot.

12.1.2 Auto refresh

If user enter polling period value (The value greater than 5 minutes and should be enter in Milliseconds. The default is 5 minutes) and check the “Enable Auto Refresh” option, then Select any FPDT settings and click on “Ok” for any next module if we opened, it should refresh Whole tab after complete the polling period time. . Please refer to Figure 12.0 for the options Screen shot.

Note: “Enable Auto Refresh” option should be selected in order to save Polling Period with custom time.

12.1.3 Save Log

This window allow the user to choose the format of log file.

It also provides an option to view/modify the logging features from here by clicking on the “Log Settings” button. It redirects to “Settings” window.

Figure 12.1.3 Save Log popup

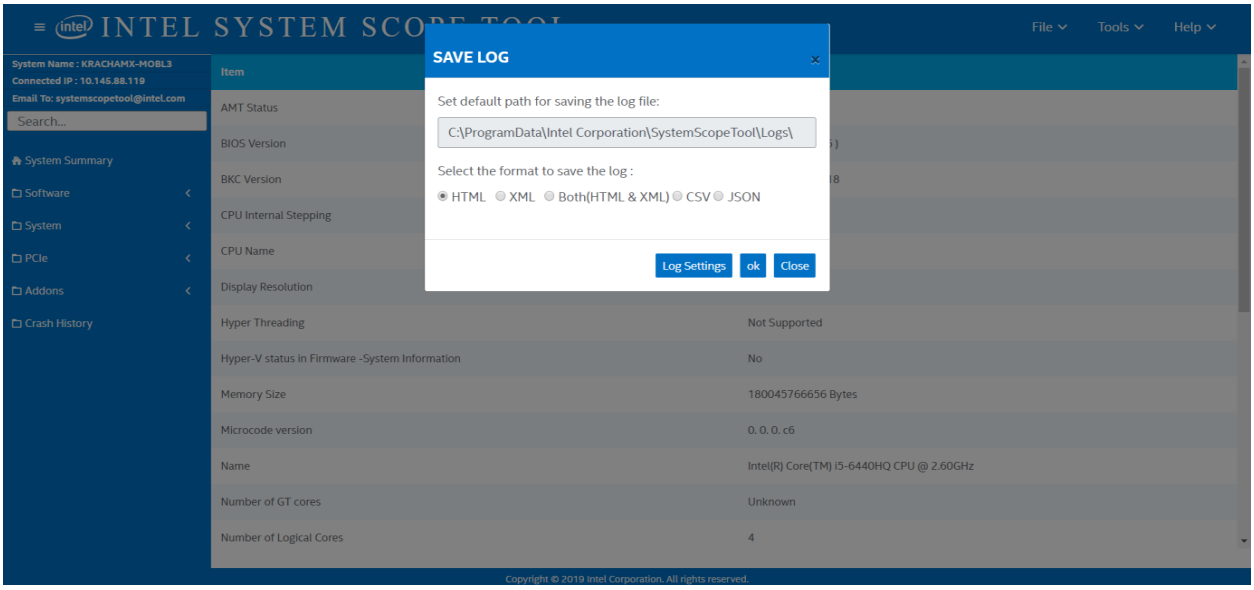
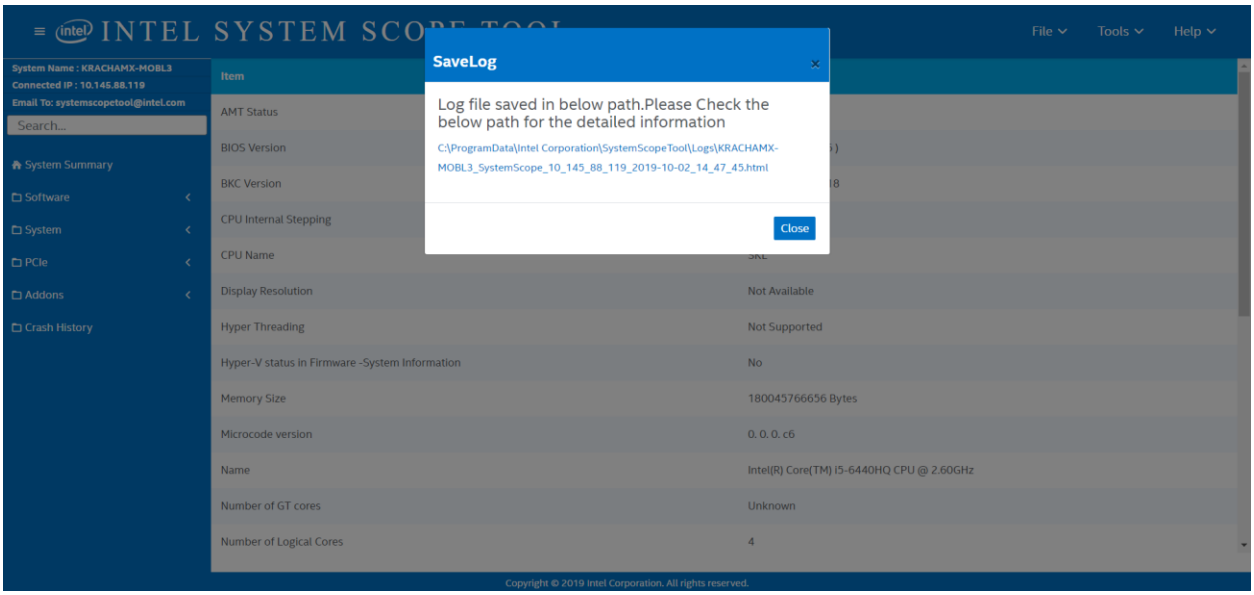


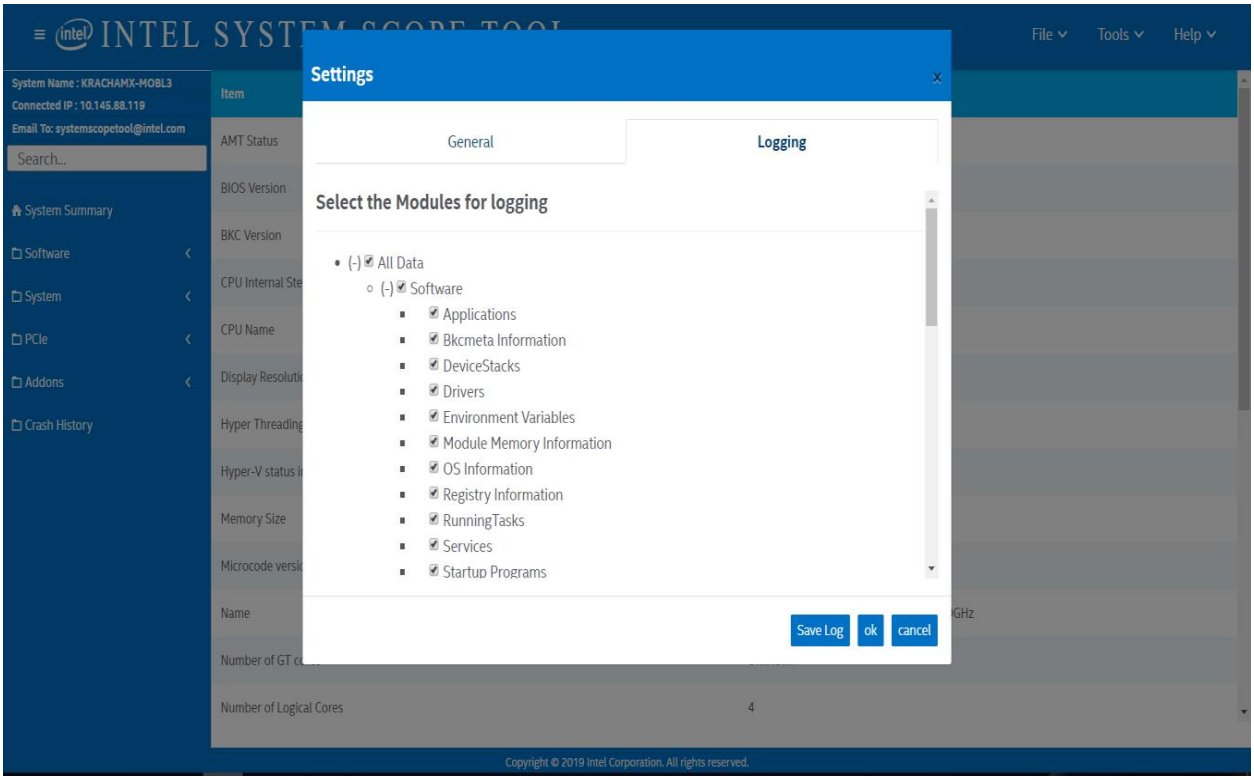
Figure 12.1.4 save Log Result



12.2 Logging

This window allows the user to choose the features to be logged. You can save the log file from Here by clicking on the “Save Log” button. It redirects to save log window.

Figure 12.2 Logging



This window allow the user to choose the format of log file. It provides an option to select the Folder where the log file has to be saved.

It also provides an option to view/modify the logging features from here by clicking on the “Log Settings” button. It redirects to “Settings” window.

13. Command Line Operations

Saving the log from command prompt.

Syntax: SystemScopecmdLine.exe –log <Log file name.format> [-options].

Here,

-log : Log command

Log filename : file path

Format : xml/html/json/csv

Options : Optional parameter, if it's not passing, it generates entire log Otherwise specified module(s)/plugin(s) combination of modules And plugins.

Note: If the user doesn't give File path, log file will save in tool install location.

Figure 13.1 Saving the System Scope entire log in xml format

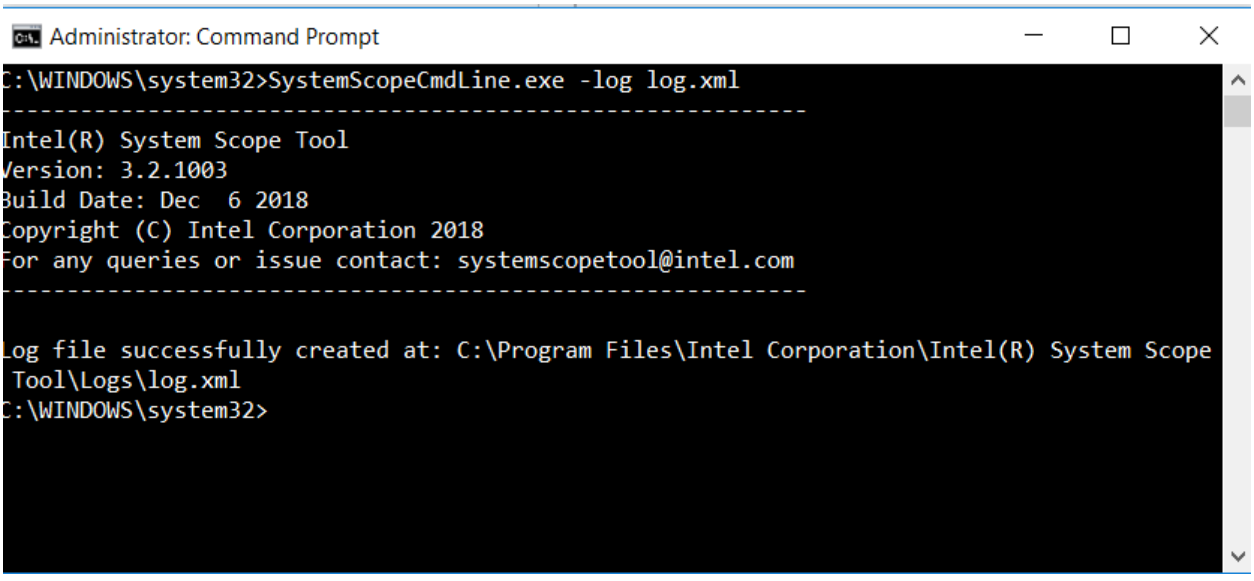


Figure 13.2 Saving the Applications List

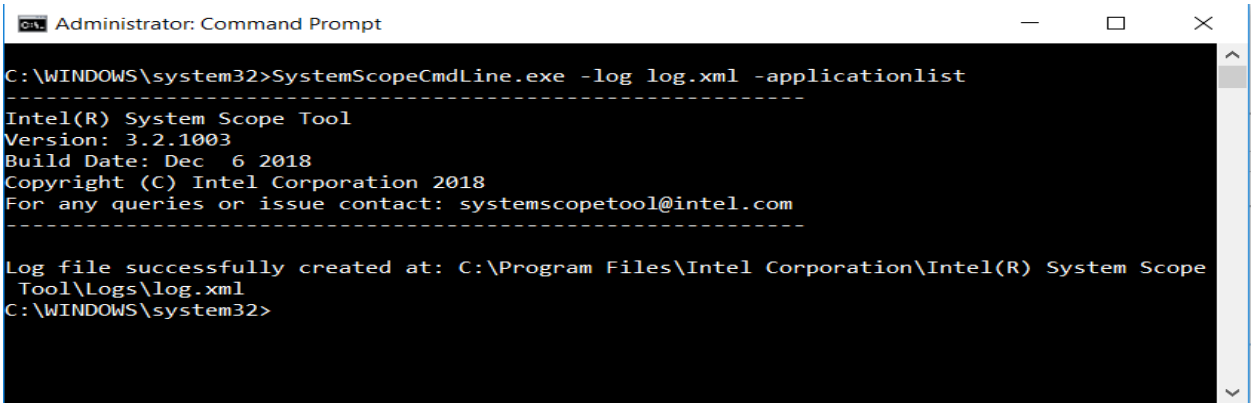


Figure 13.3 Saving the Operating Systems Info

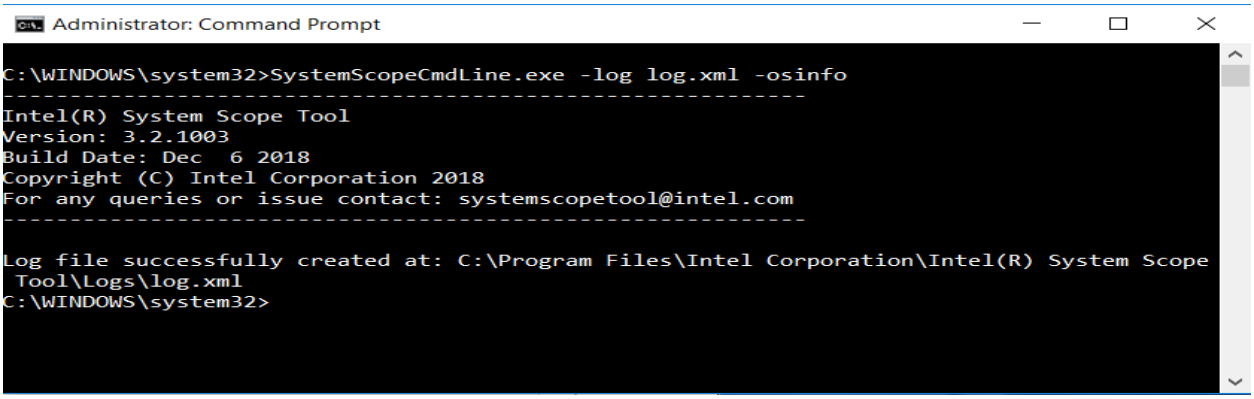


Figure 13.4 Saving the Operating System Architecture

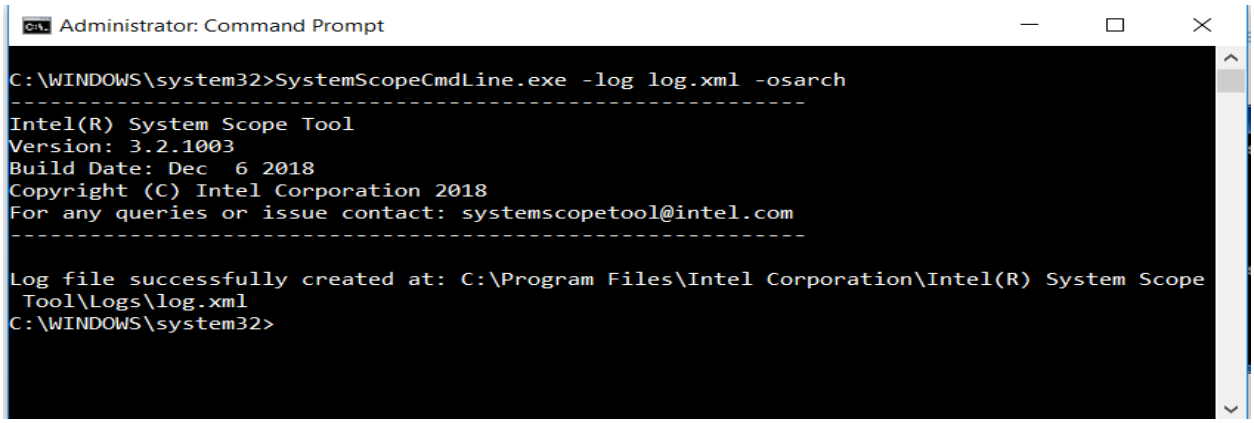


Figure 13.5 Saving the Operating System Version

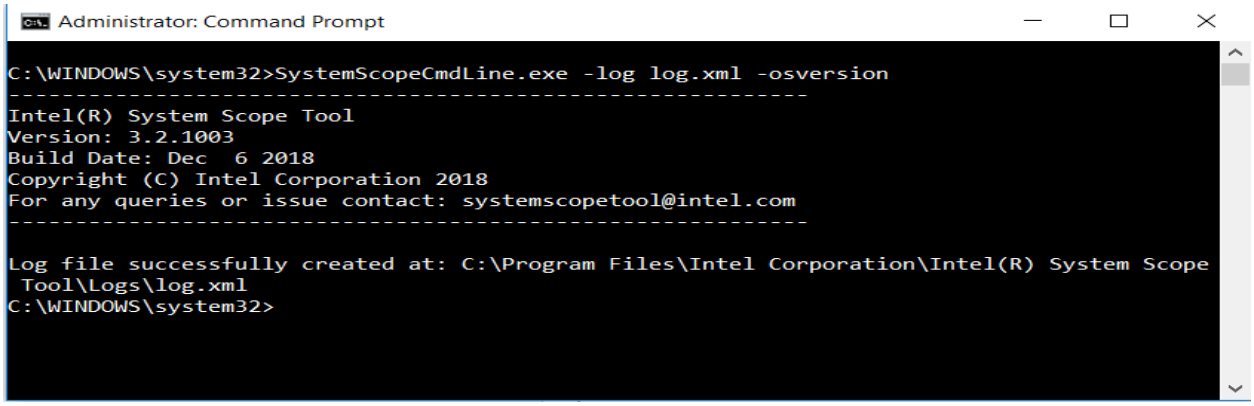


Figure 13.6 Saving the Driver List

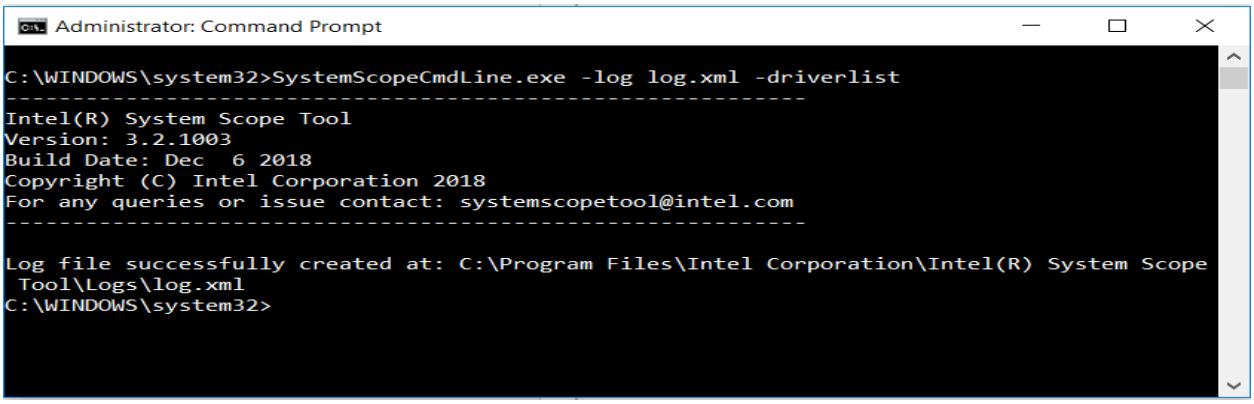


Figure 13.7 Saving the Device Stack List

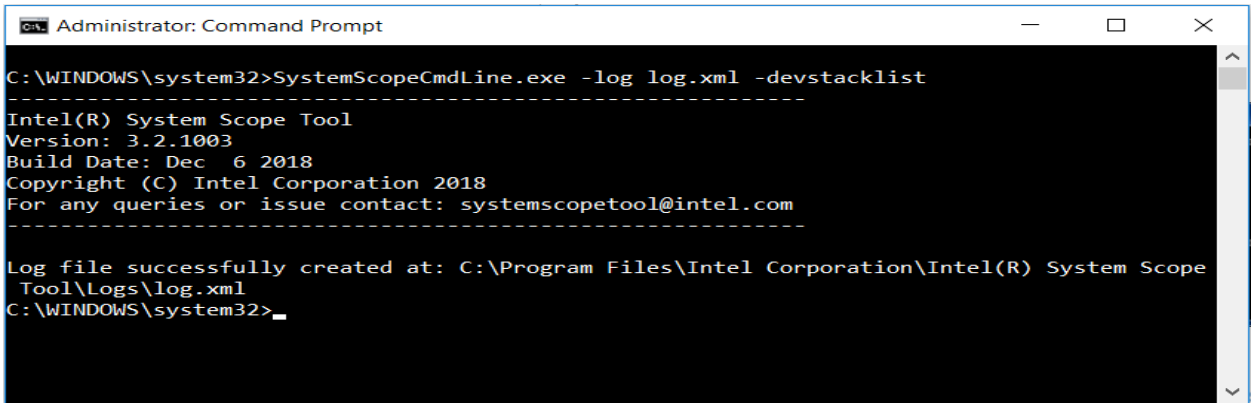


Figure 13.8 Saving the Services List

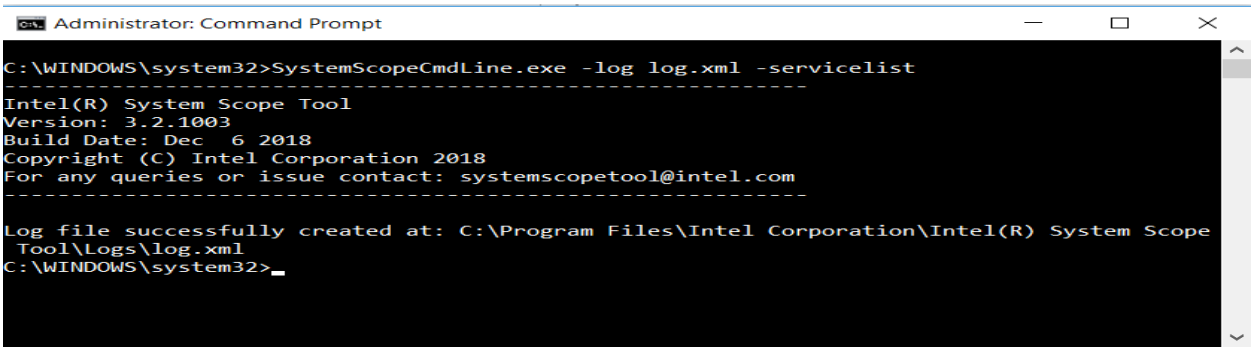


Figure 13.9 Saving the Registry Info

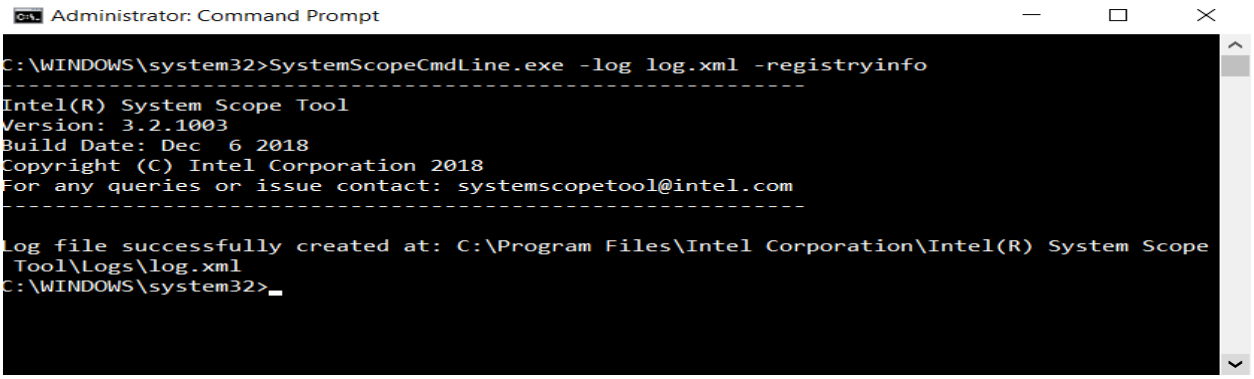


Figure 13.10 Saving the BKC Meta Information

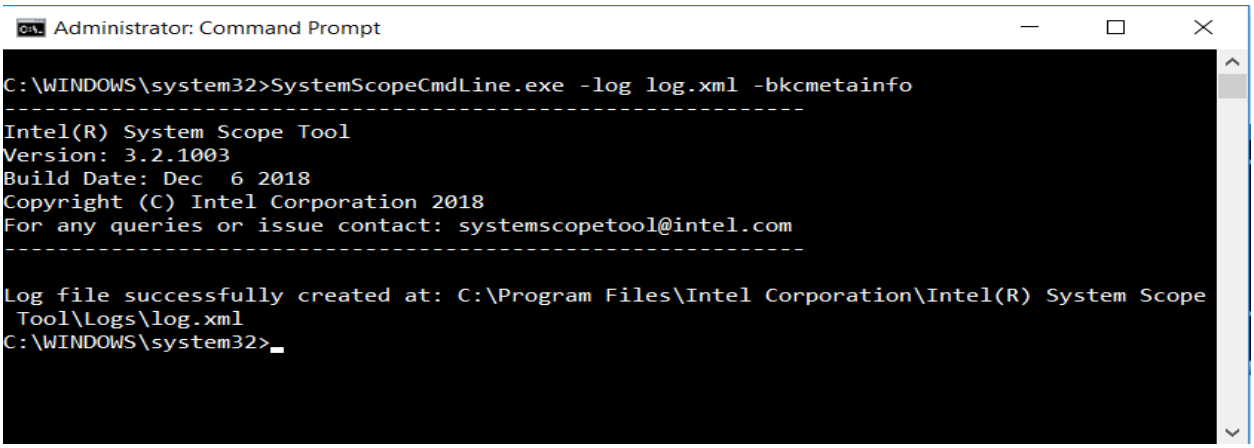


Figure 13.11 Saving the Module Memory Information

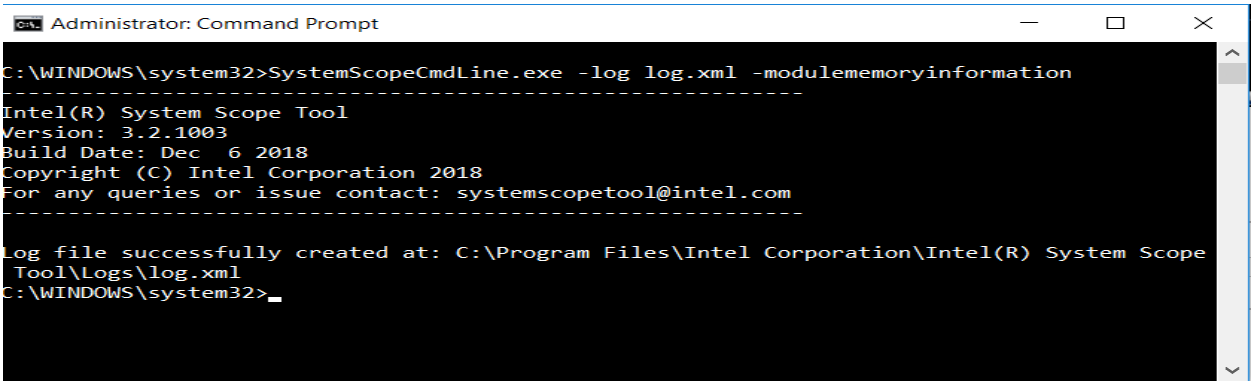


Figure 13.12 Saving the ACPI Information

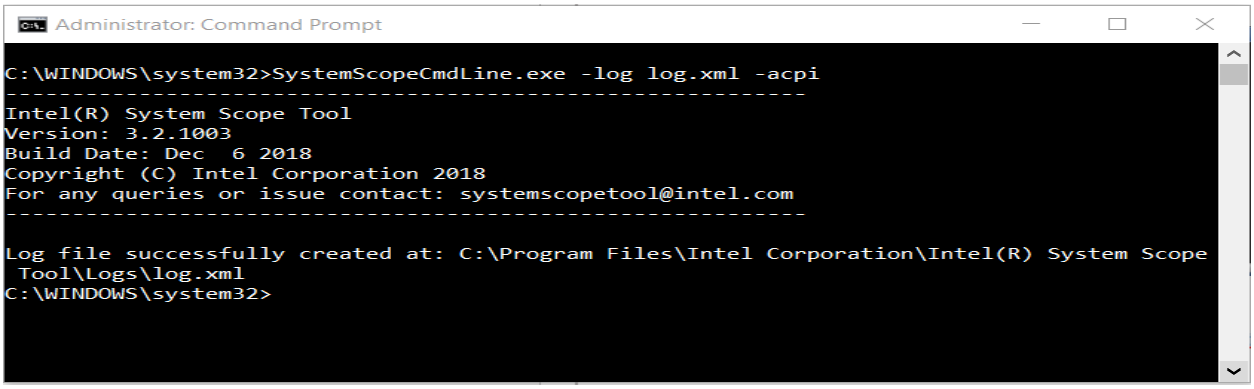


Figure 13.13 saving the sensor Information

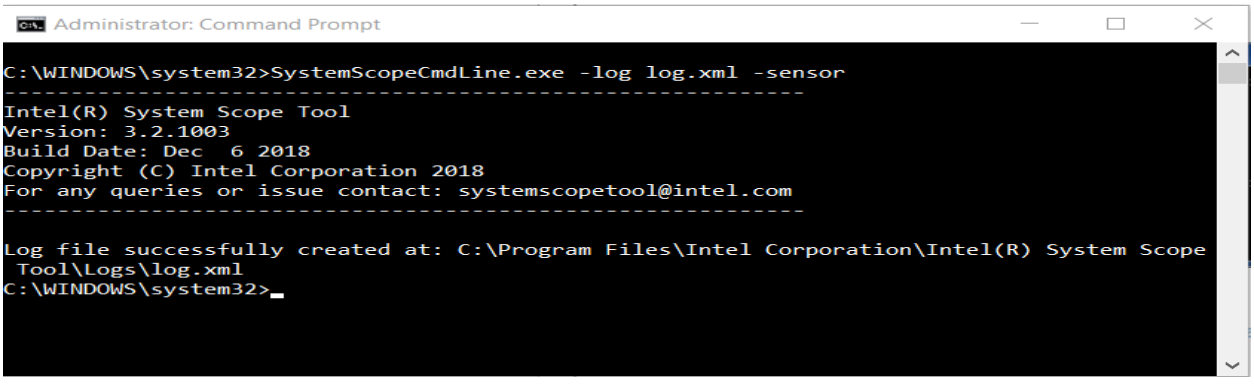


Figure 13.14 saving the BCD Info

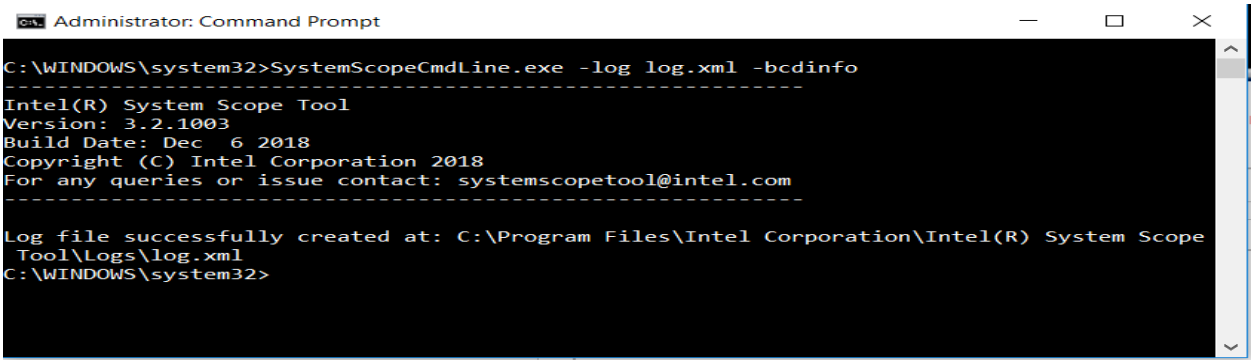


Figure 13.15 Saving the Components Information

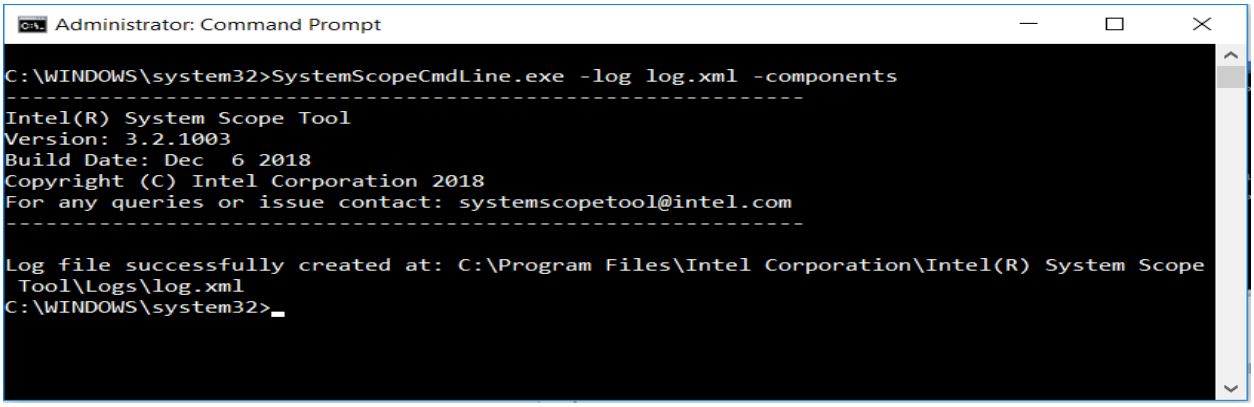


Figure 13.16 Saving the FPDT Information

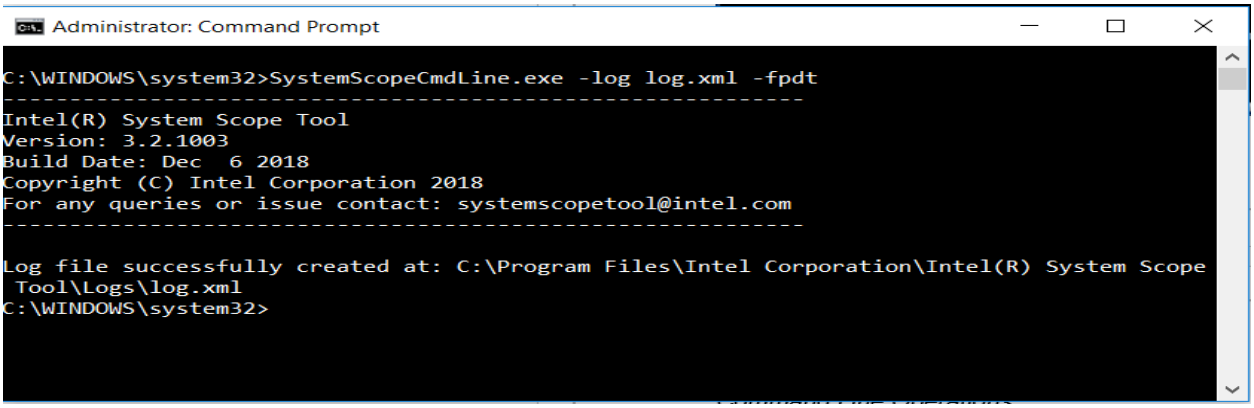


Figure 13.17 Saving the Firmware Information

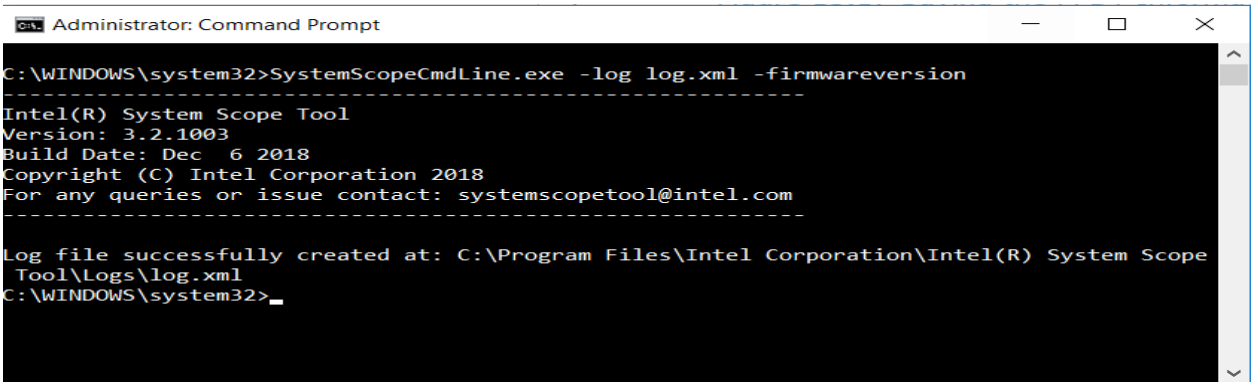


Figure 13.18 Saving the Bluetooth Information

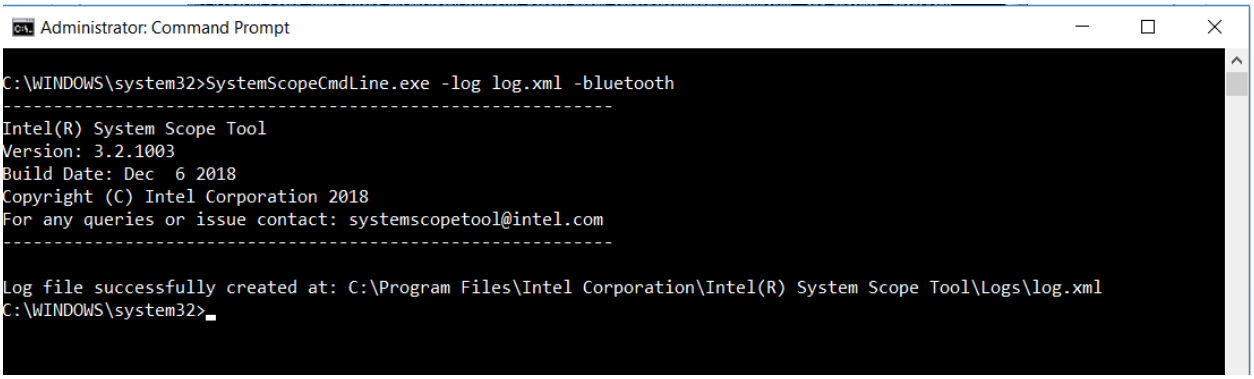


Figure 13.19 Saving the ICC Information

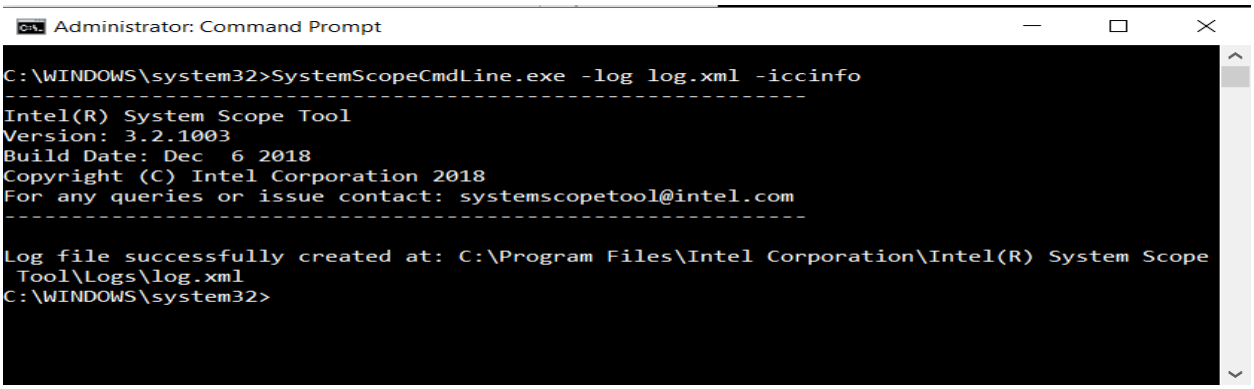


Figure 13.20 Saving the ME Info

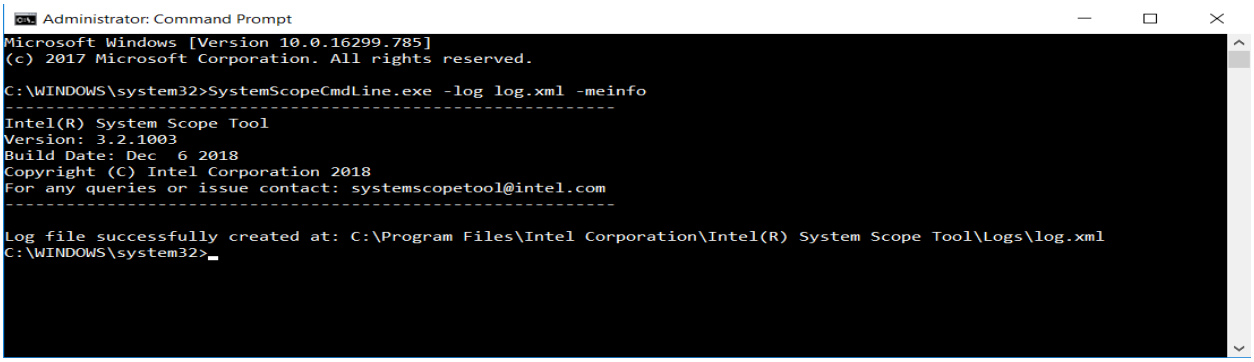


Figure 13.21 Saving the Memory Info

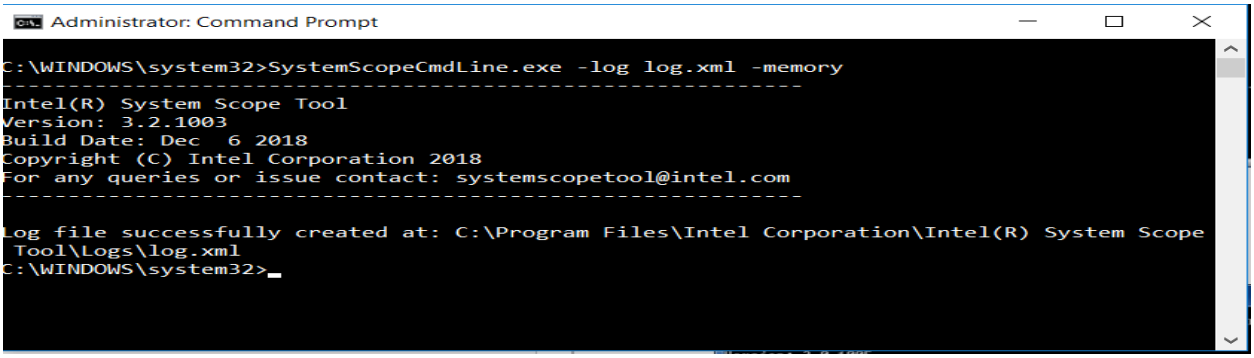


Figure 13.22 Saving the Network Adaptor Information

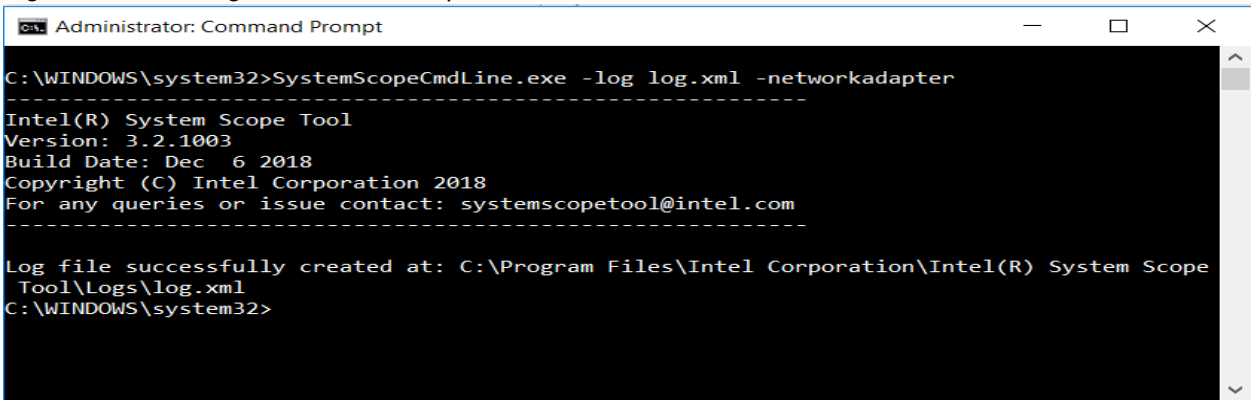


Figure 13.23 Saving the PCH Information

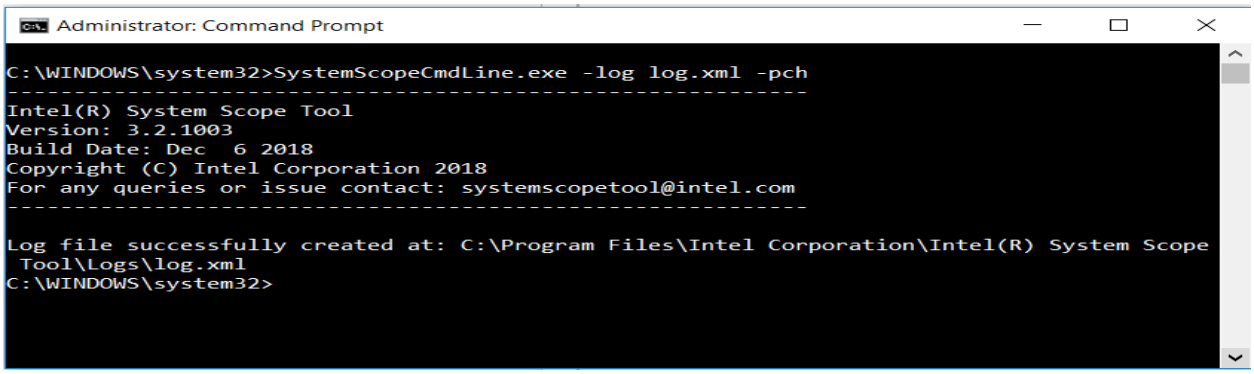


Figure 13.24 Saving the Processor Information

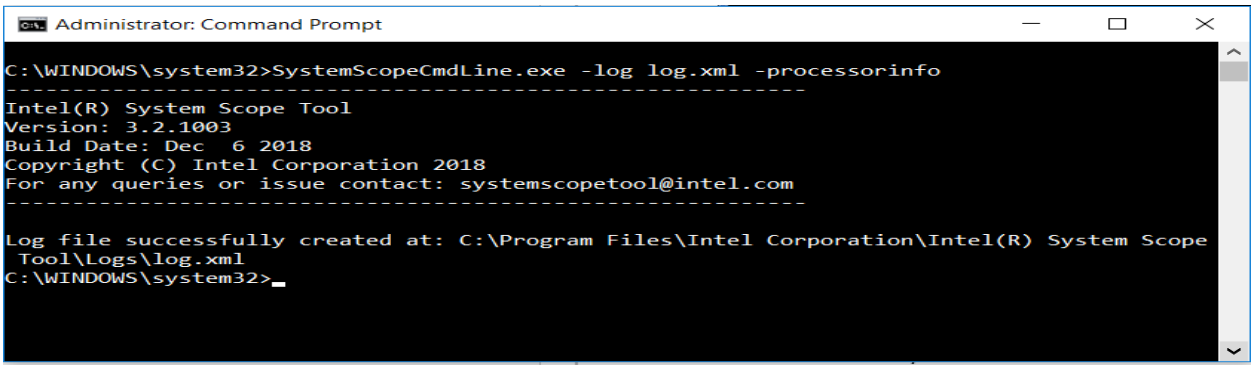


Figure 13.25 Saving the SMBIOS Information

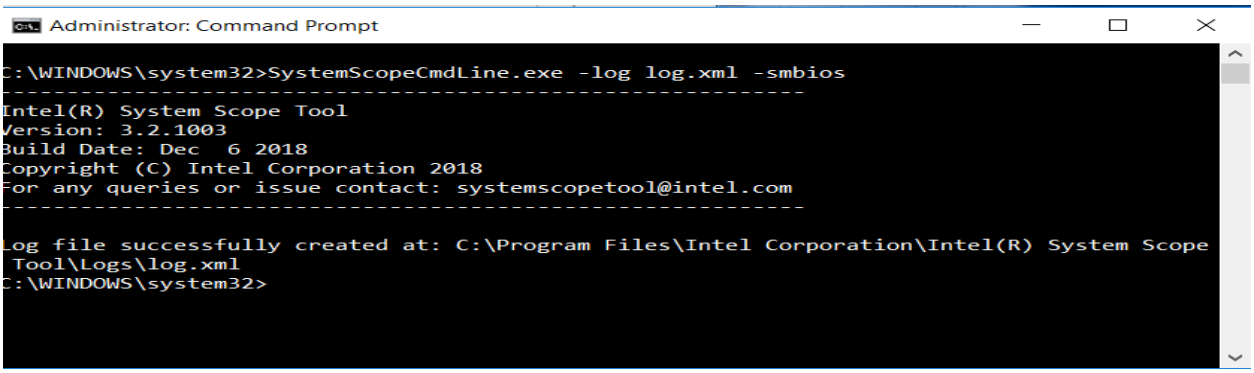


Figure 13.26 Saving the Multimedia Information

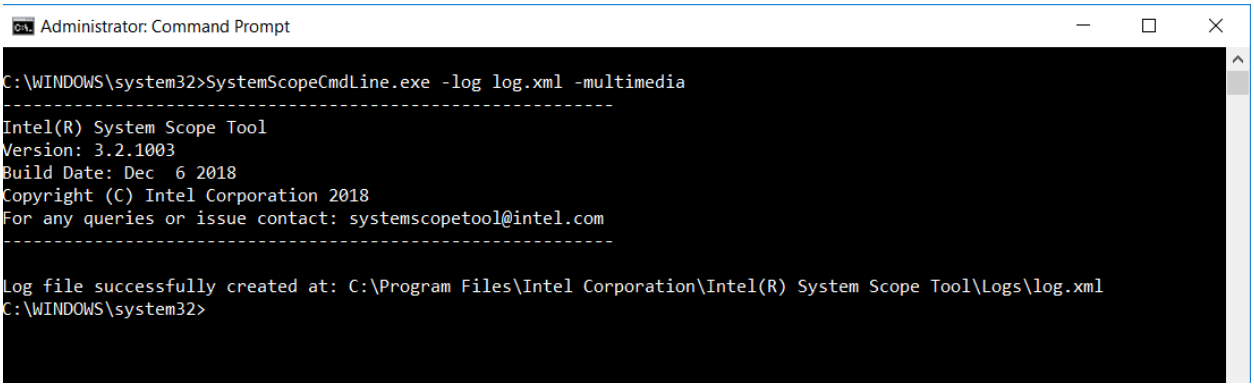


Figure 13.27 Saving the Storage Information

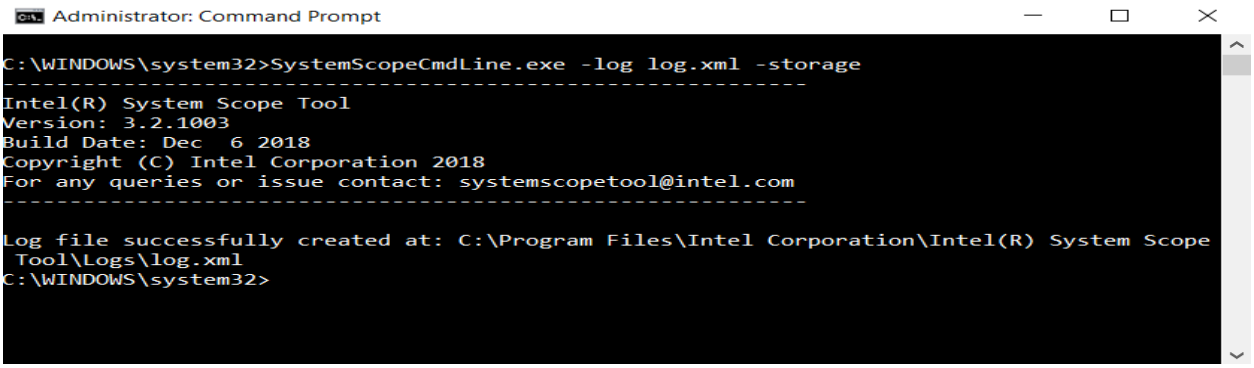


Figure 13.28 Saving the System Responsiveness information

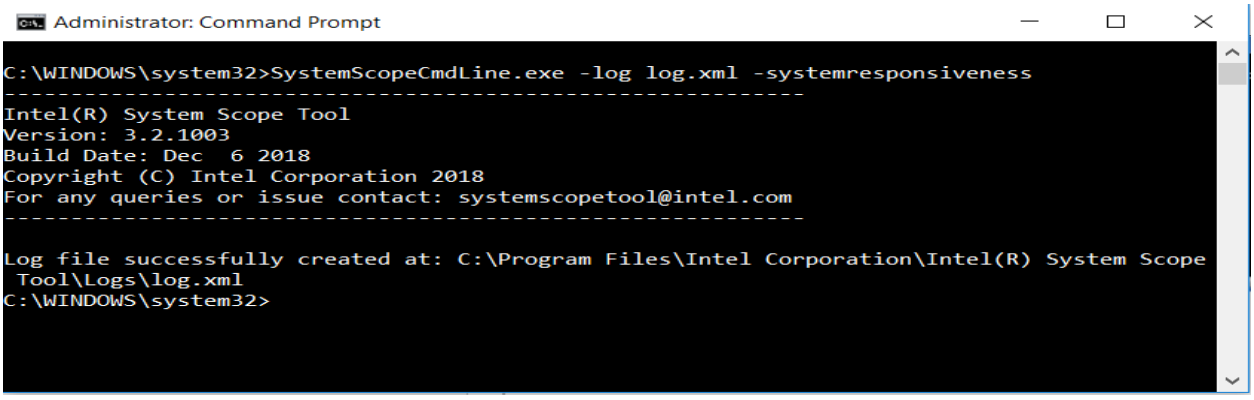


Figure 13.29 Saving the Generic System Information

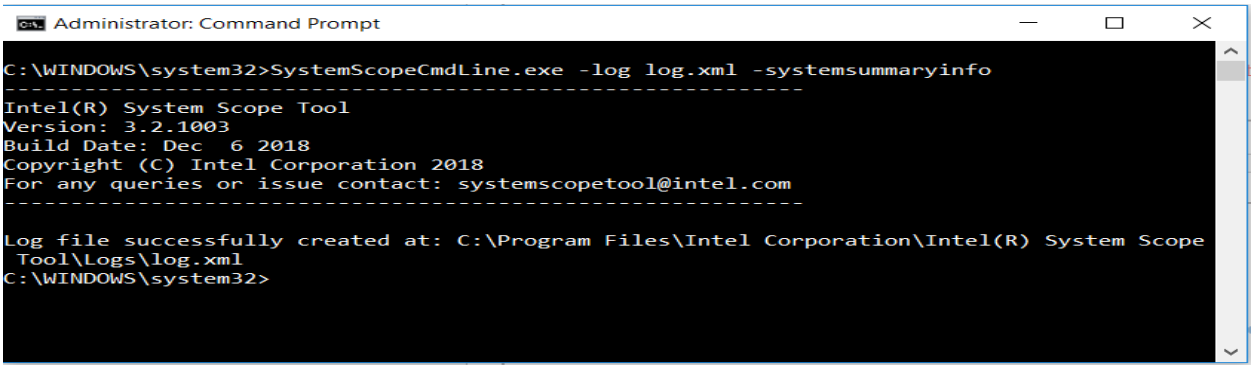


Figure 13.30 Saving the TPM Information

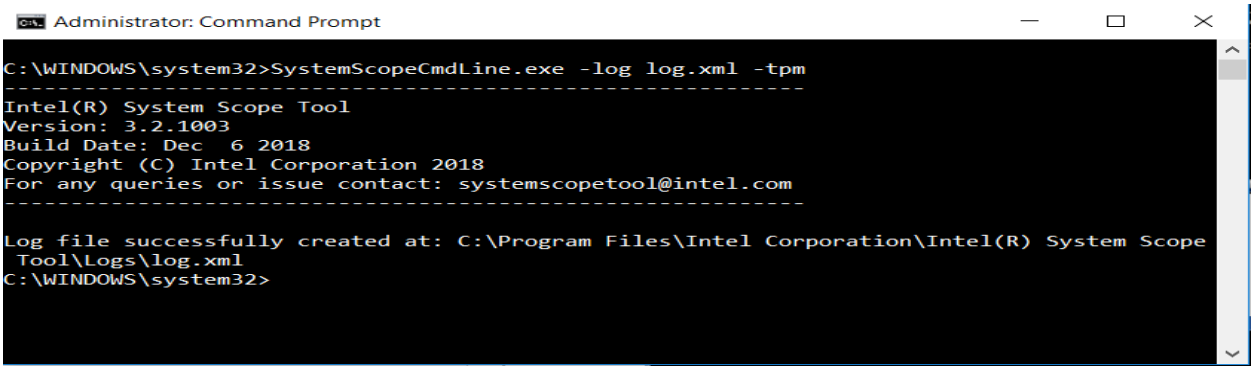


Figure 13.31 Saving the PCIDevList

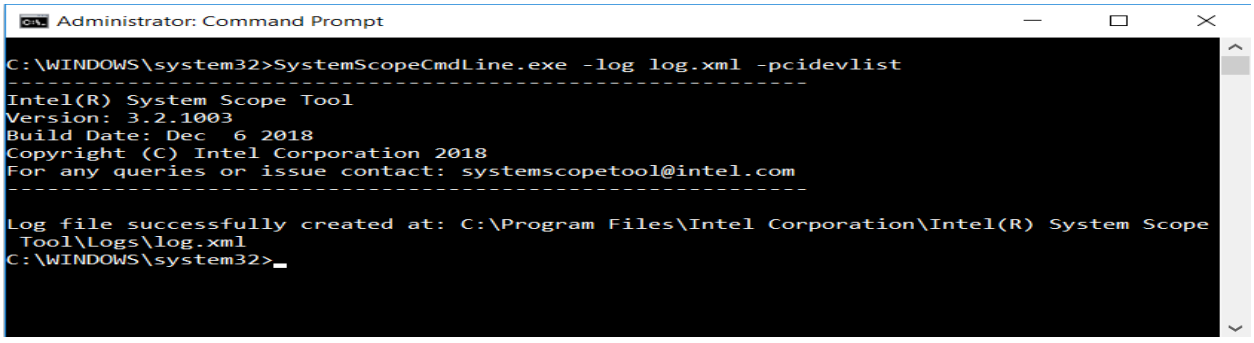


Figure 13.32 Saving the Complete Software Information

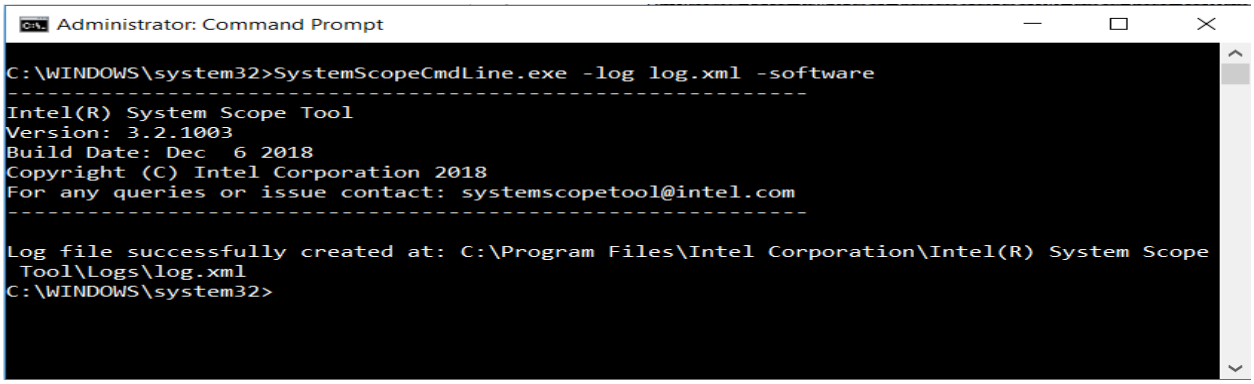


Figure 13.33 Saving the Complete System Information

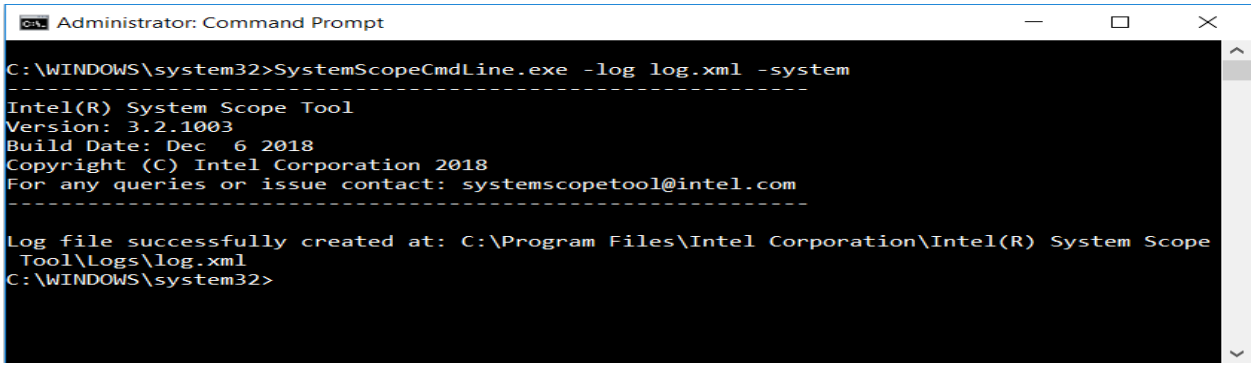


Figure 13.34 Saving the PCIe

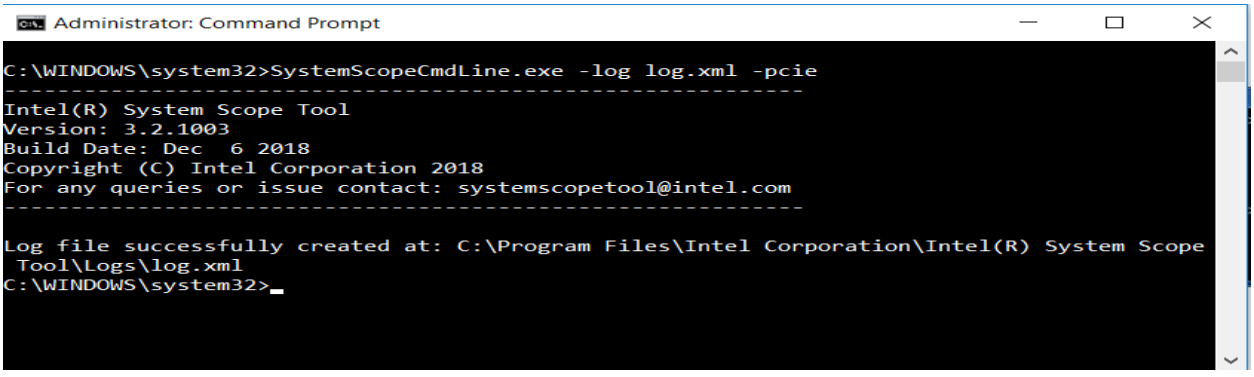


Figure 13.35 Saving the BKC Compare Log

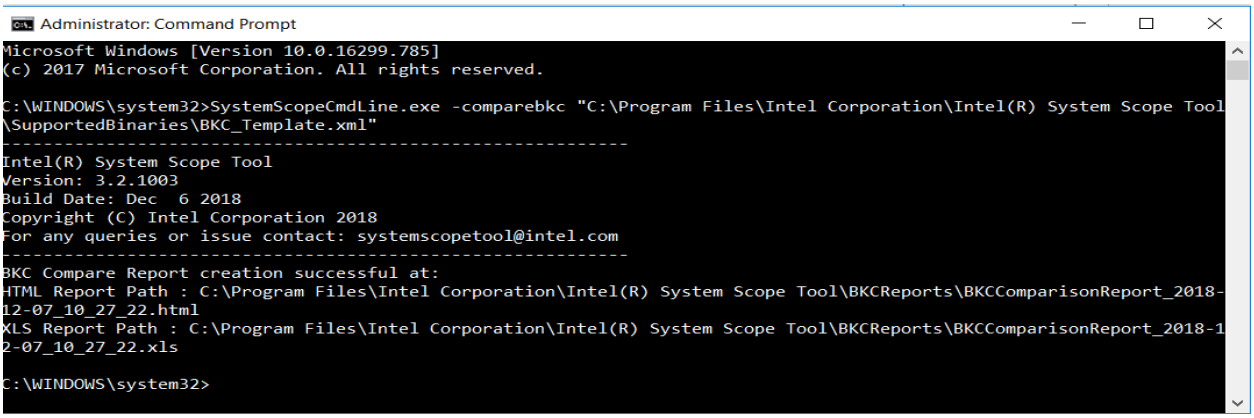


Figure 13.36 Saving the WWAN Information

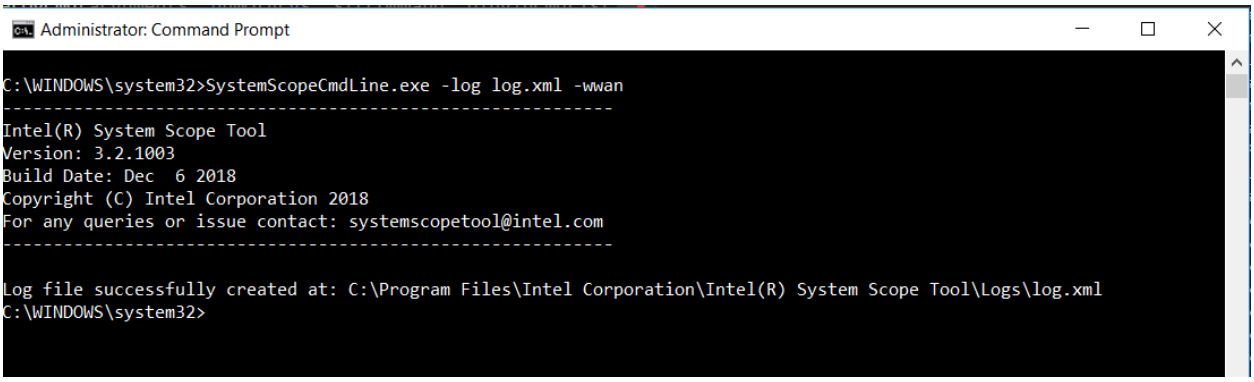


Figure 13.37 Saving the Generate BKC Reference File

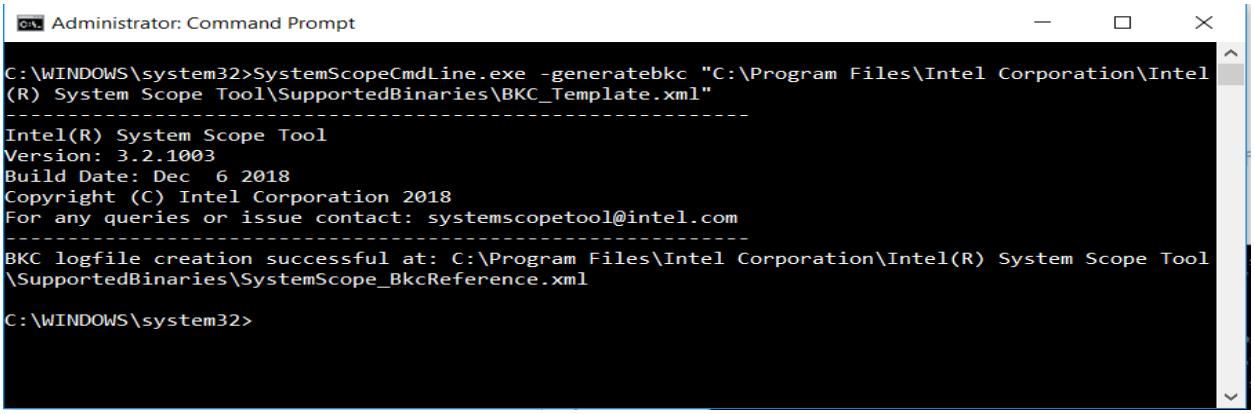


Figure 13.38 Saving the Environmental Variables

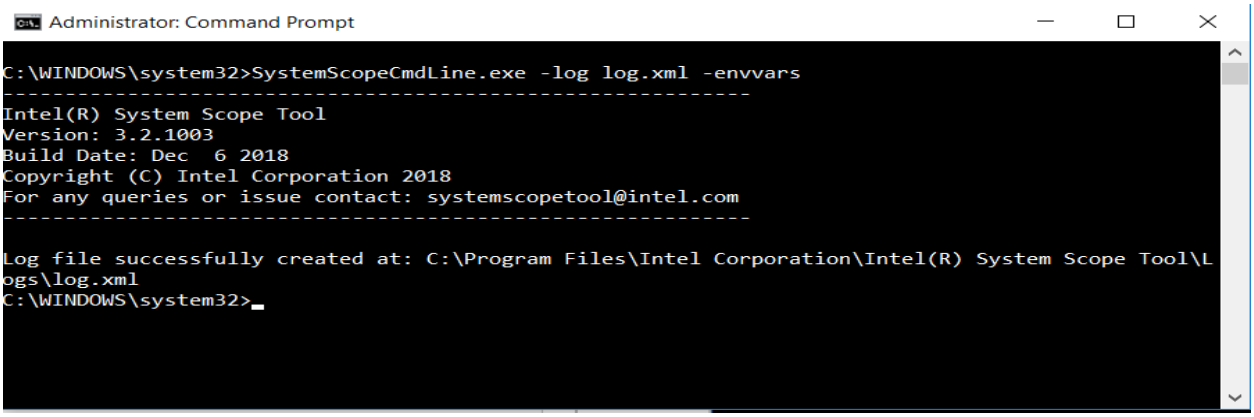


Figure 13.39 Saving the Startup Programs

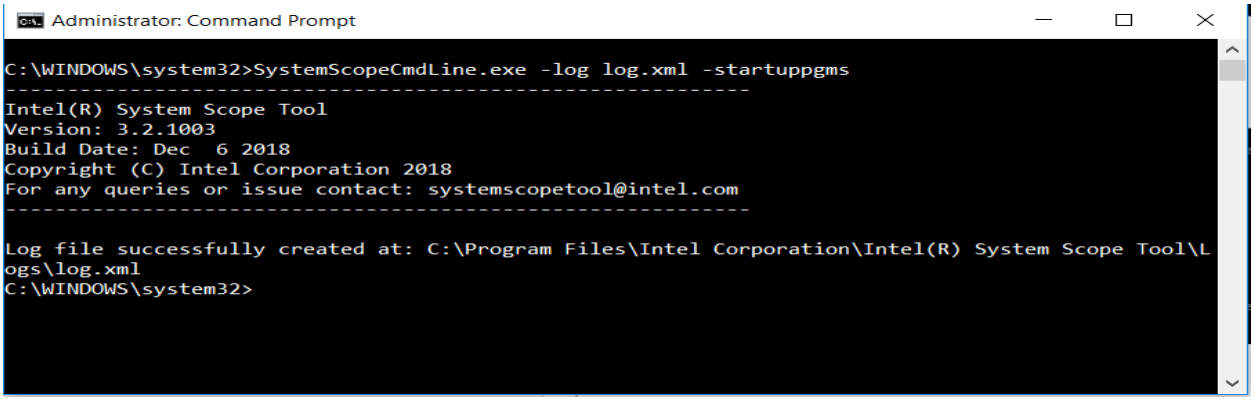


Figure 13.40 Saving the Running Tasks

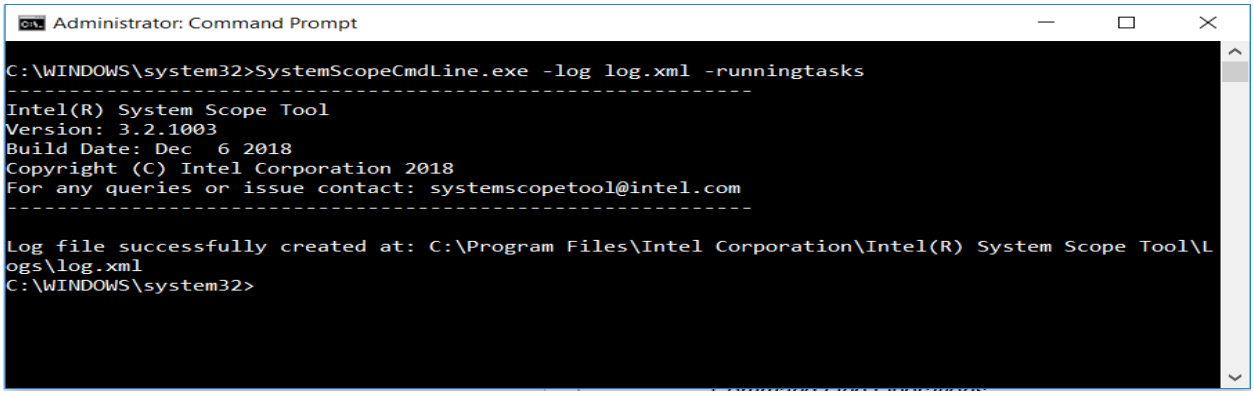


Figure 13.41 Saving the DMA

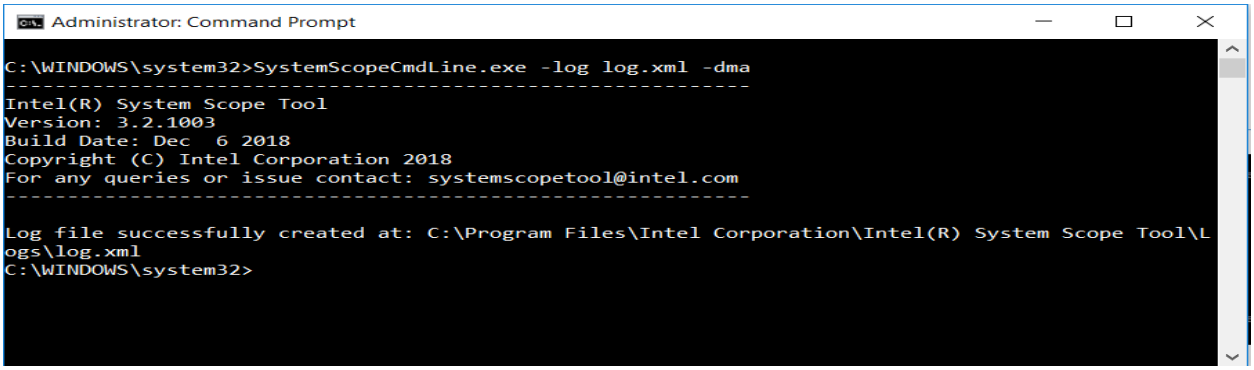


Figure 13.42 Saving the IRQ

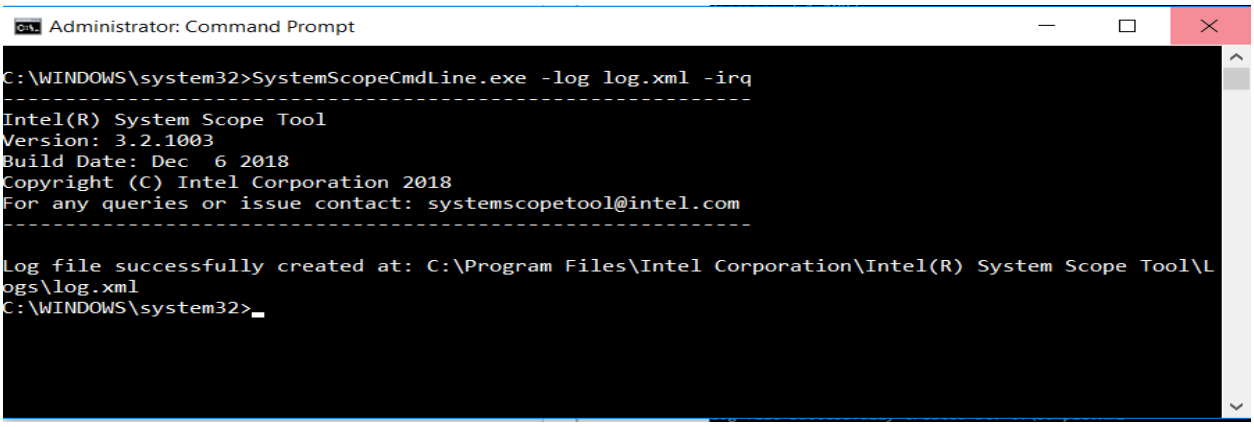


Figure 13.43 System Scope Tool All Commands List

Command Line Operations

In Command line, if the user enters the invalid command other than the valid System Scope Commands, and if that entered command is present in CustomLog.xml file, a log file will Be generated with the modules corresponding to that command present in the CustomLog.xml file. This Xml file is present in “C:\Program Data\SystemScopeTool”. User can edit the file and can change the Modules list as per their requirement.

Figure 13.44 Saving the Custom Log Modules

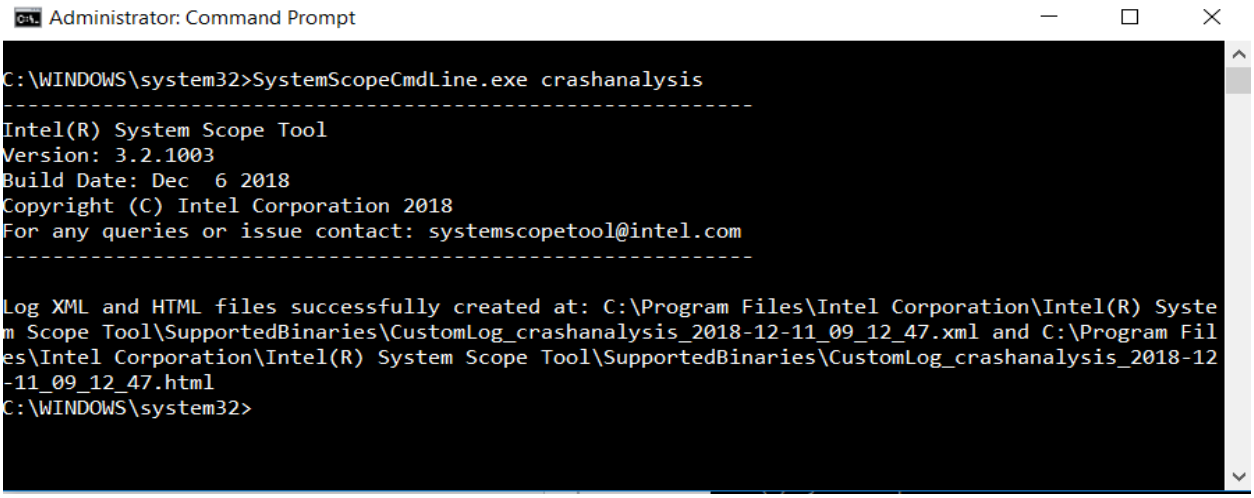
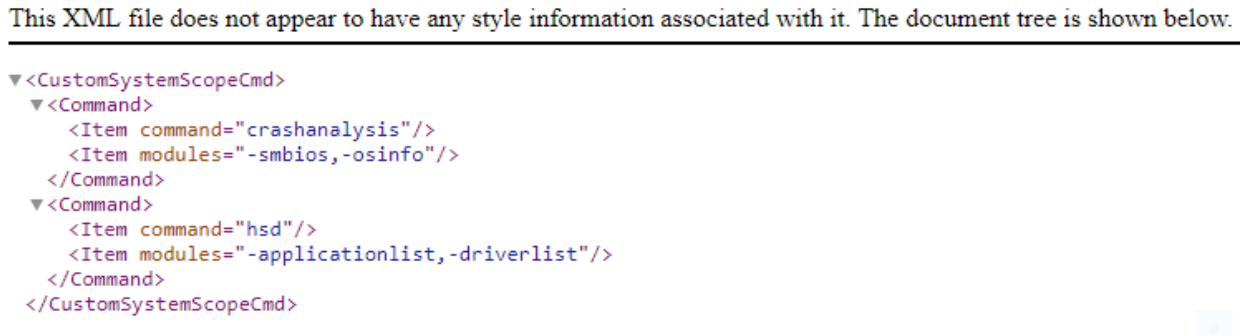


Figure 13.45 Format of CustomLog.xml



Command Line Operations

In Command line, for –generatebkc, -comparebkc, -compare2bkc the user has to Provide the input file name and the result will be saved in default file. Now there is an option to provide The output file name along with the command. If the user enters the custom path the file will be save in Custom path or else if the user doesn't provide any file name the output will be saved in default file only. This is an optional parameter.

Figure 13.46 Custom path option for generatebkc

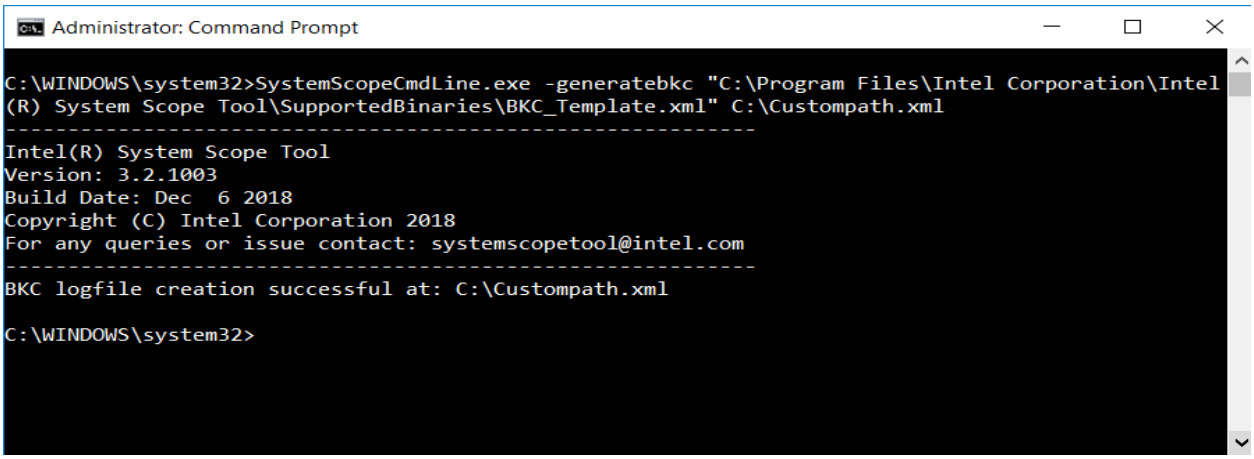


Figure 13.47 Custom path for comparebkc

Third Parameter is the custom path here. Supported report formats are html, xls and json. Sample Screen shot of html format is attached below.

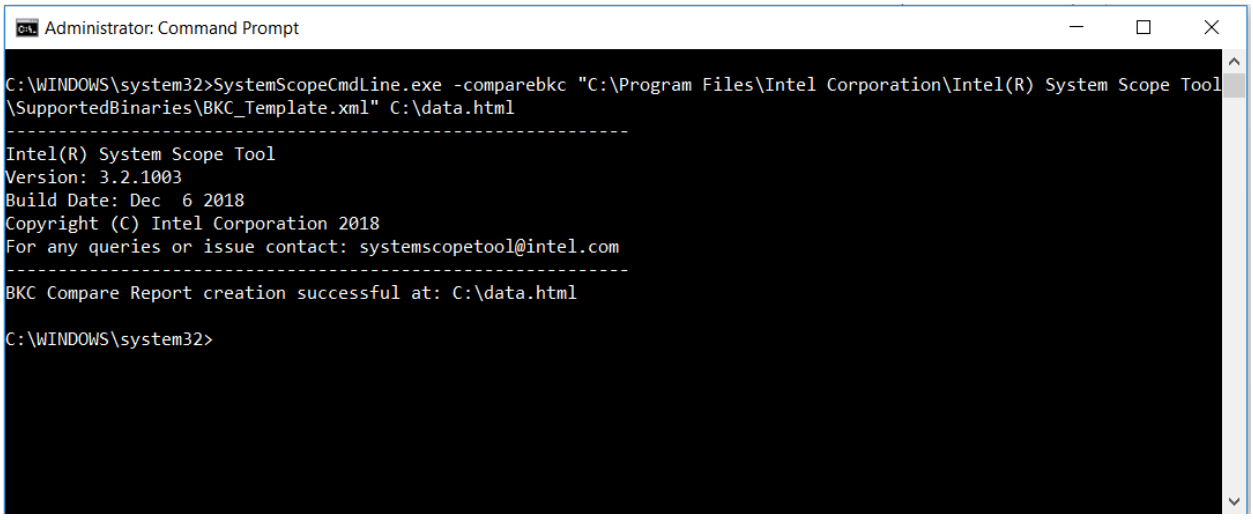


Figure 13.48 Compare Multiple Logs

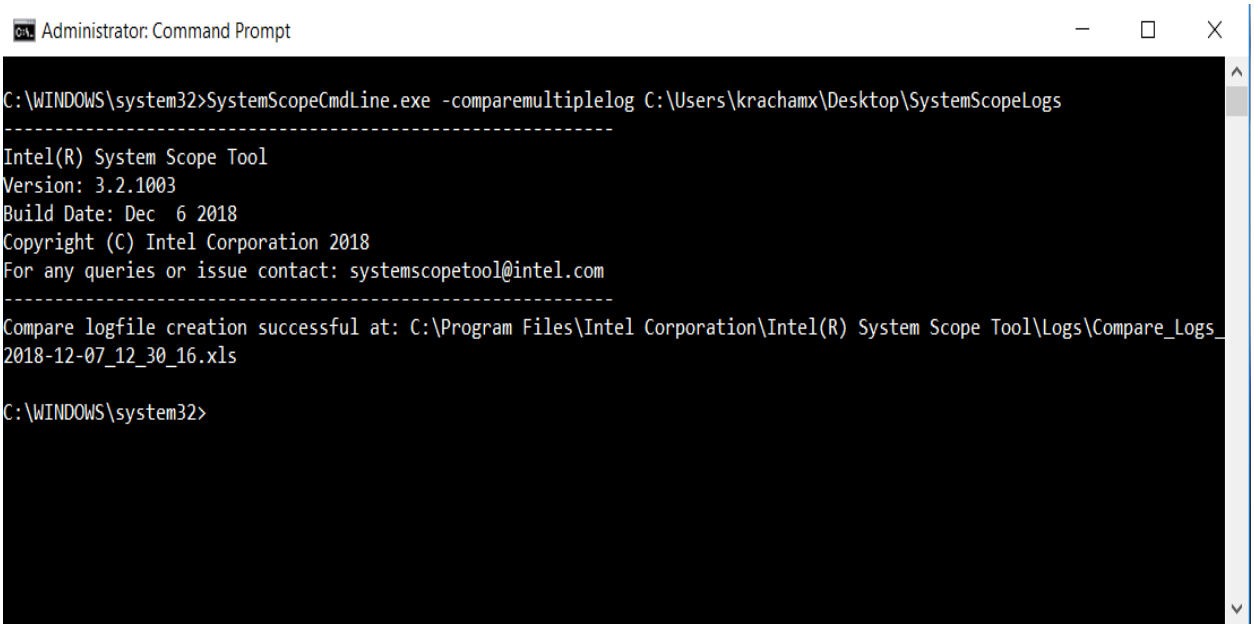


Figure 13.49 Comparing Meta.spec with SystemScopeLog

This option will compare meta.spec file with SystemScopeLog and saves the result in HTML File.

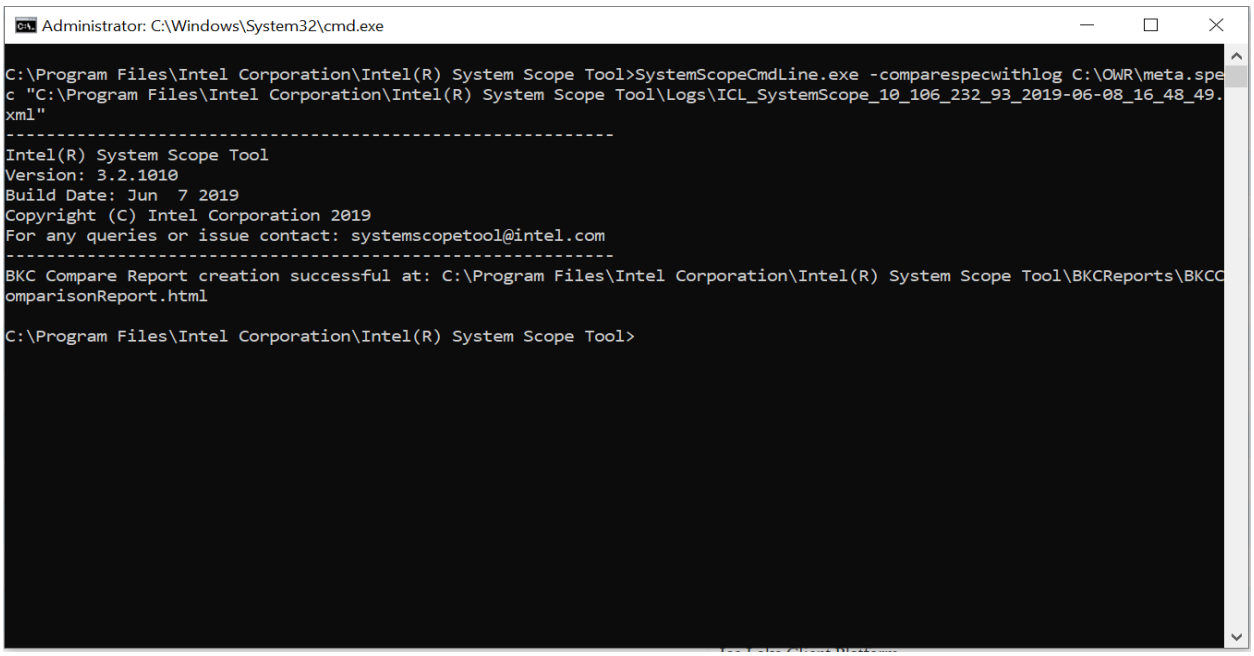
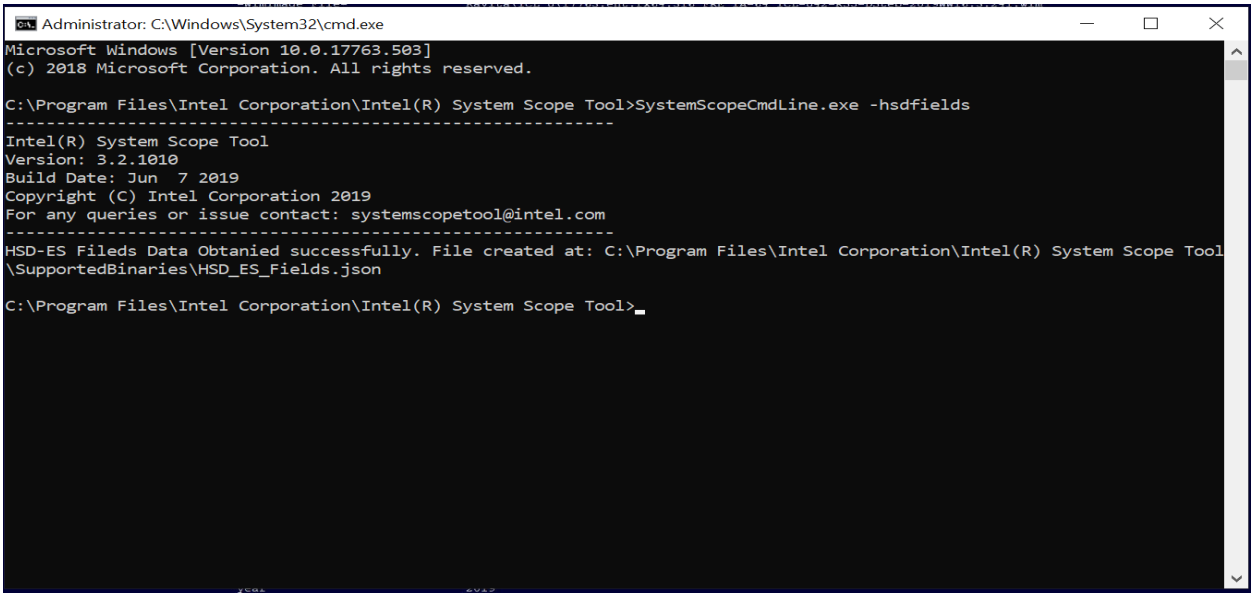


Figure 13.50 Logging the HSD-ES Fields (-hsdfields)

This option will log all the required fields for HSD-ES in JSON Format.



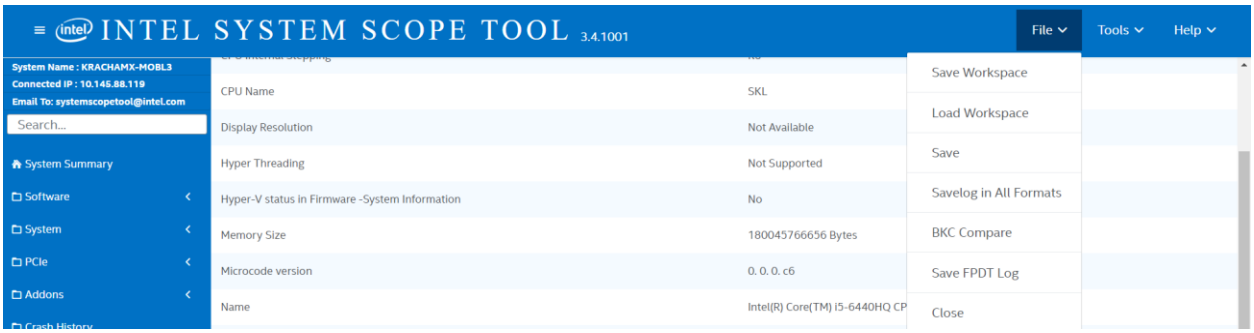
14. Main Window

14.1 File Menu

Click on the “File” menu item to get the options.

The menu allows you to launch the “Save Log” window

Figure 14.1 File Menu

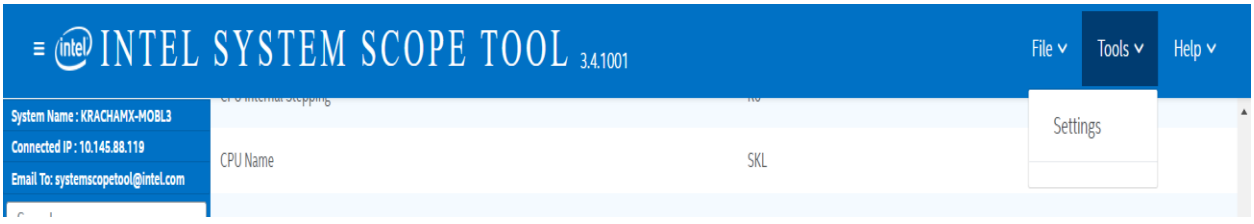


14.2 Tools Menu

Click on the “Tools” menu item to get the options.

The menu allows you to launch the “Settings” & “Manage Connection” window.

Figure 14.2 Tools Menu



Main window

14.3 Help Menu

Click on the “About” menu item to get the options.

The menu allows you to launch the “About” & “Help” window.

Figure 14.3 Help Menu

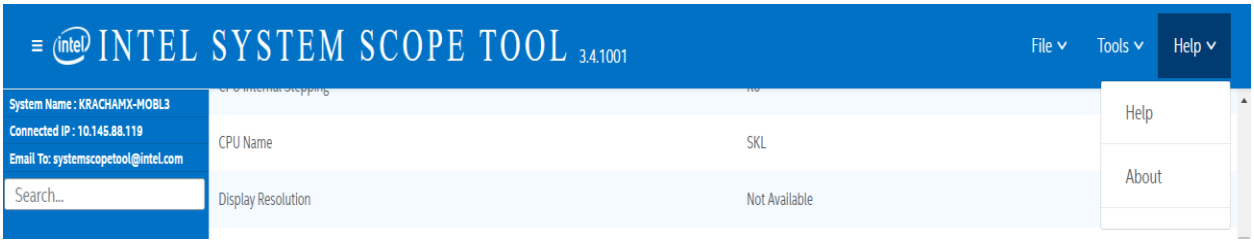
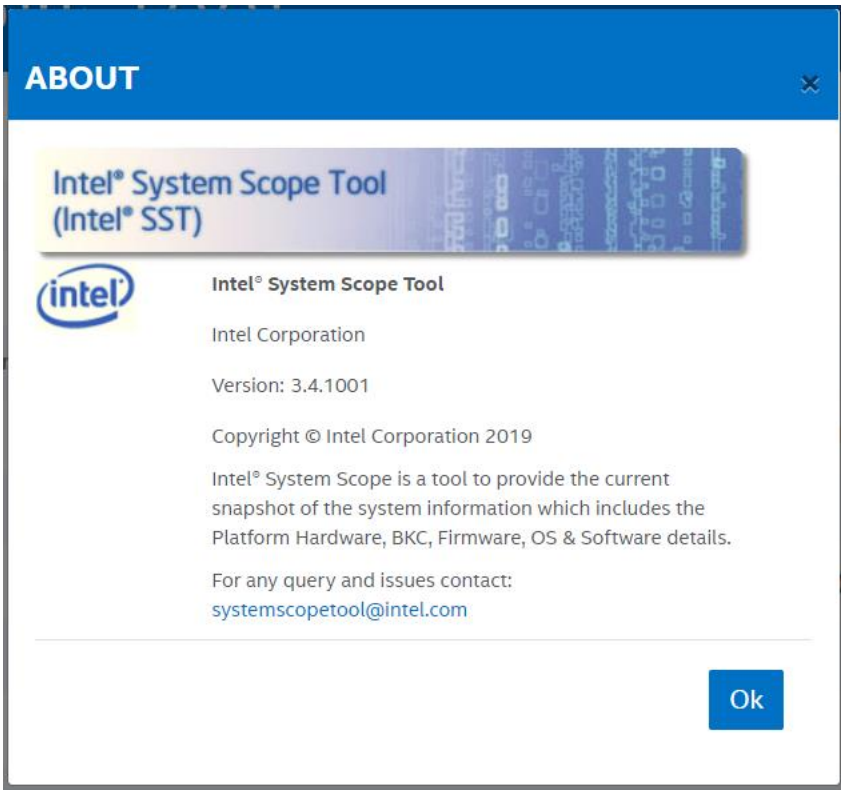


Figure 14.3.1 About

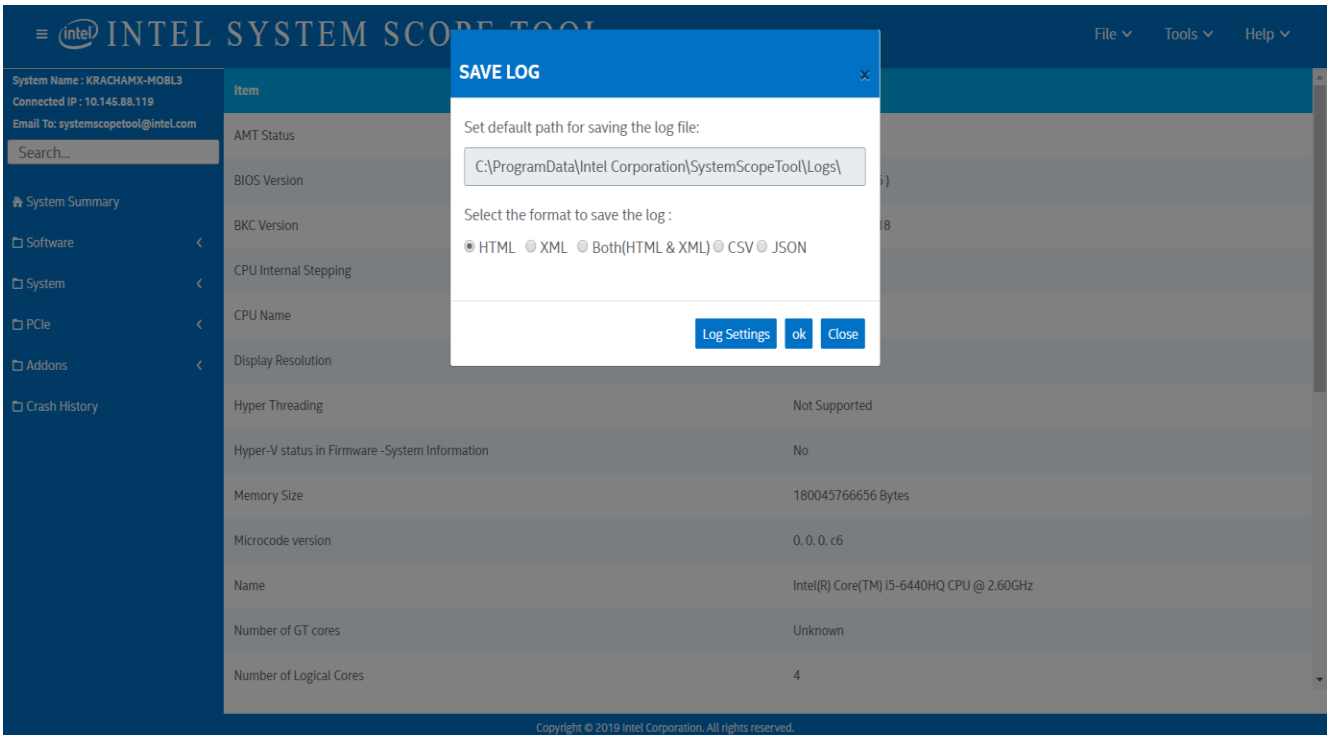


15. Save and Save FPDT Log

15.1 Save

Save option can be used for saving the system scope data. We can save the data in xml, html, Csv or both xml and html formats.

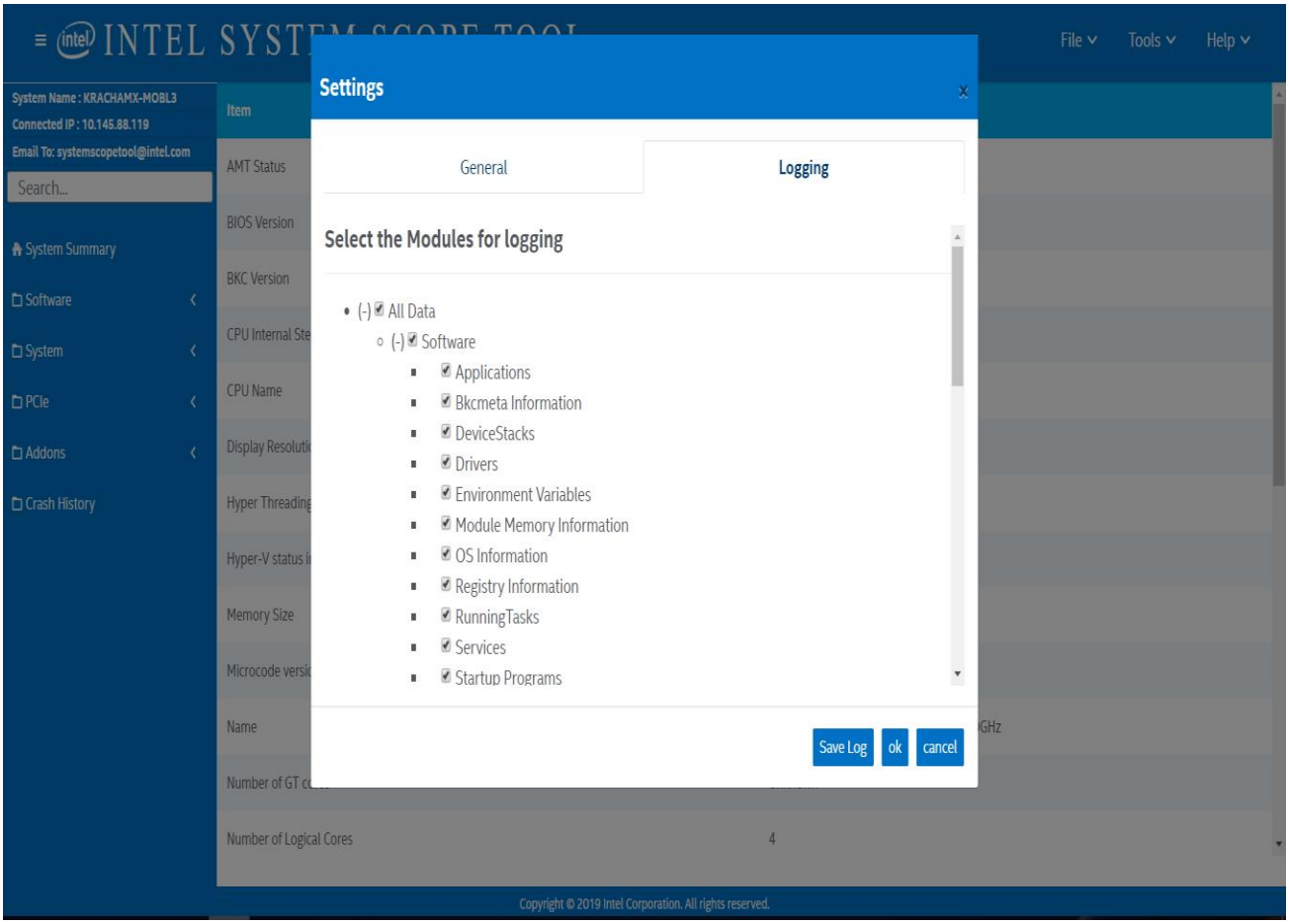
Figure 15.0 Save



Save and Save FPDT Log

If user want to change settings just click on “Log Settings” button. Then modify the Log data By checking or unchecking the required fields.

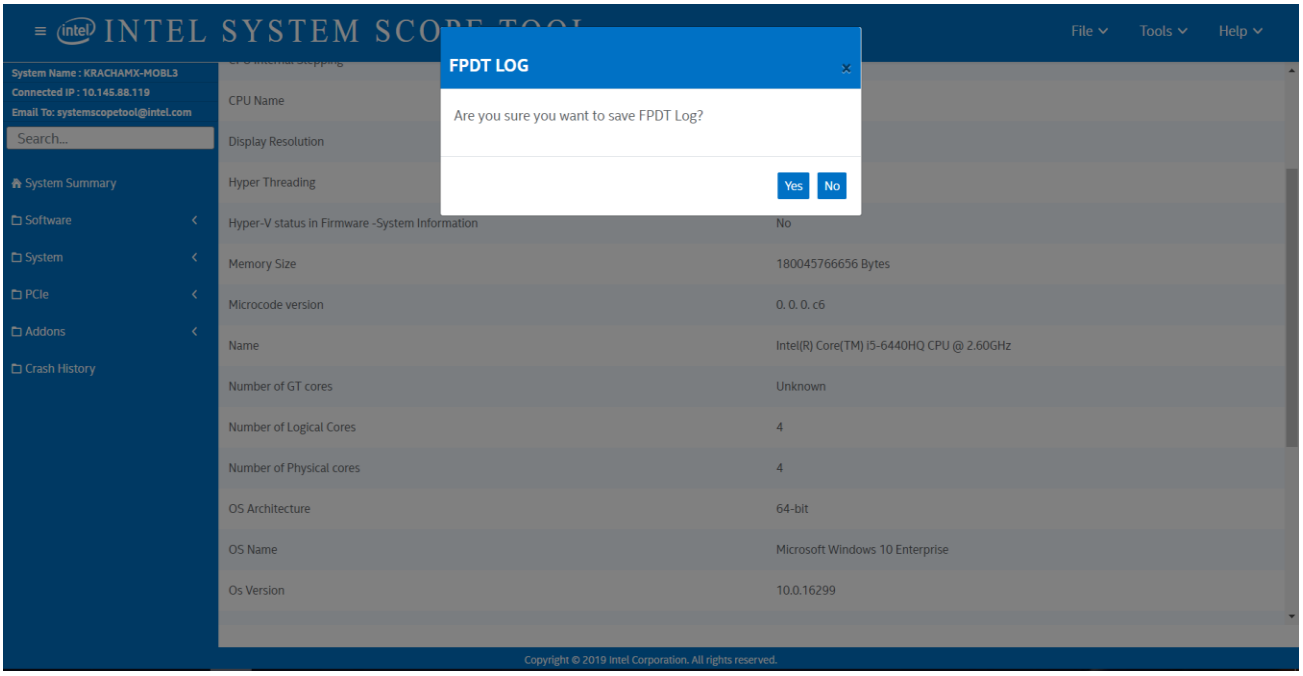
Figure 15.1 Modifying the Log



15.2 Save FPDT Log

Save FPDT log option can be used to save the FPDT log.

Figure 15.2 Saving the FPDT Log



If select “yes”, it will be saved.

If select “no”, popup will be closed.

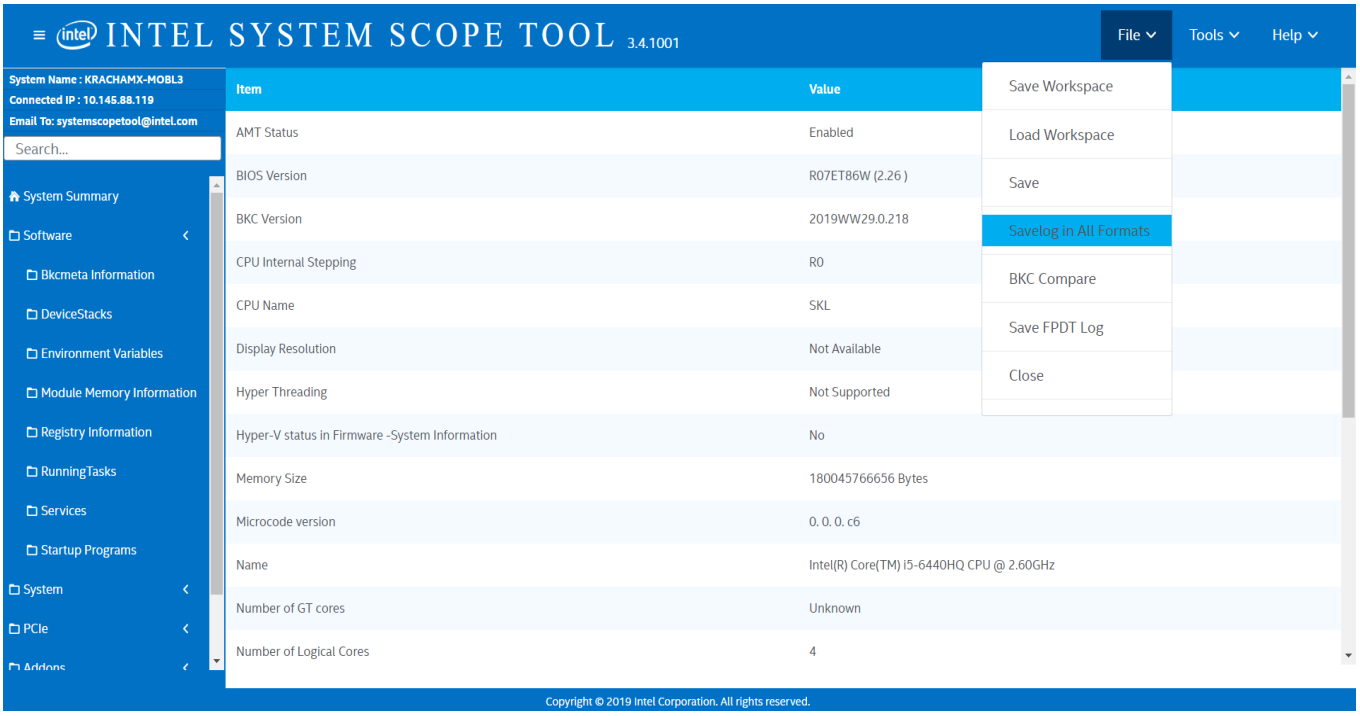
16. Save Log in All Formats and BKC Compare

SST provides an option to save the System Scope Log files in all supported formats (.xml, .html, .csv and .json) and also to compare BKC with system Configuration in single click. These two options are added under File Menu. This operations can also be done by clicking the shortcuts present in start menu.

16.1 Save log in All Formats

On clicking this option, System Scope log with all the modules present will be save in all the Mentioned formats.

Figure 16.0 save log in All Formats



Once the save log operation is done, a popup is displayed with paths of all the formats created

16.2 BKC Compare

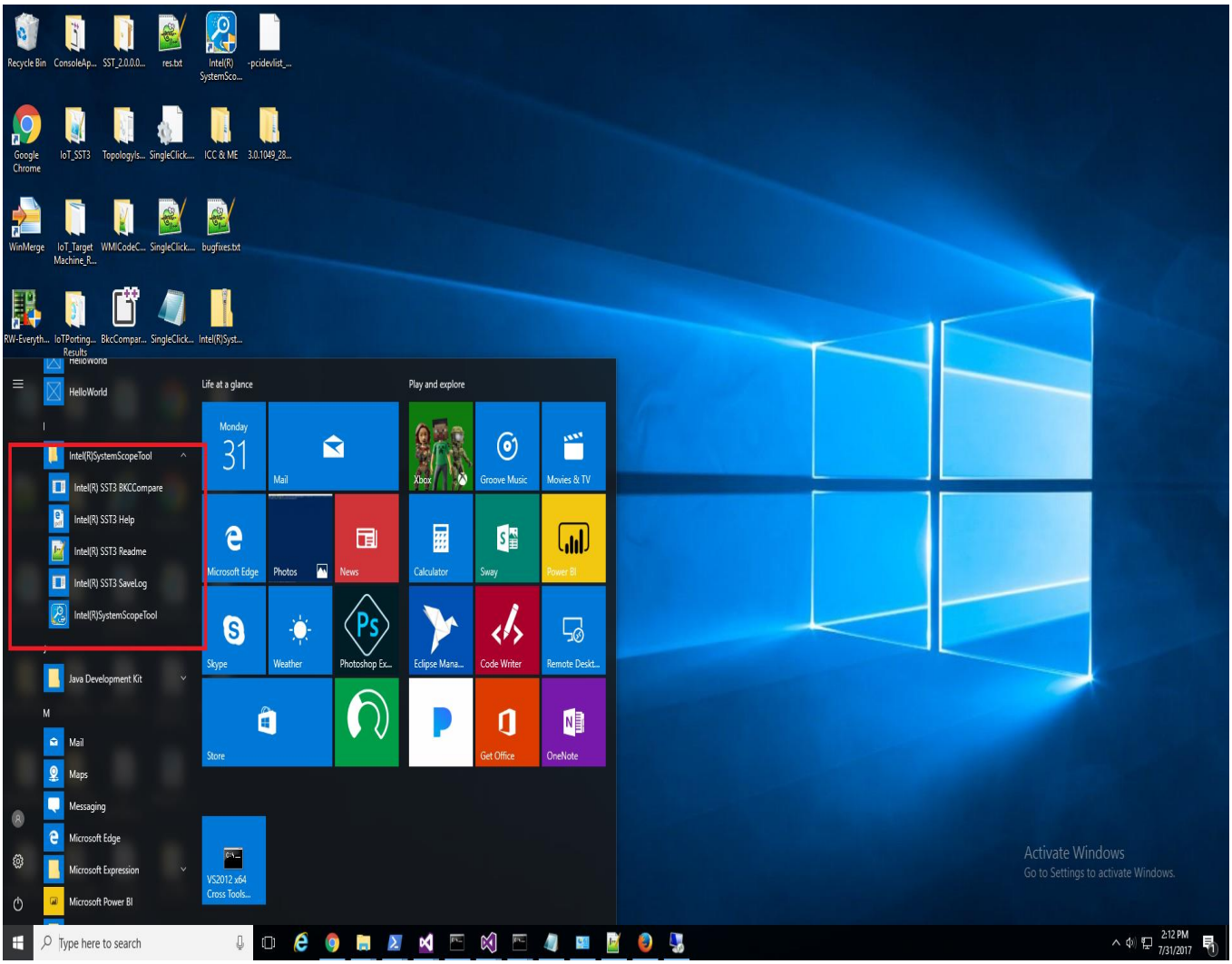
On Clicking this option BKC file is compared with the system configuration. User can input the BKC file in the **SingleClick.ini** file provided at the time of installation. If no file is present BKC file is Generated from the Default BKC template provided and comparison will be done with that file.

Figure 16.1 BKC Compare

Once the BKC compare operation is done, a pop up is displayed showing the path of the Comparison result.

There is another option for these single click operations. By clicking on the shortcut present in the start menu we can get the results without opening the System Scope tool UI or Command Line.

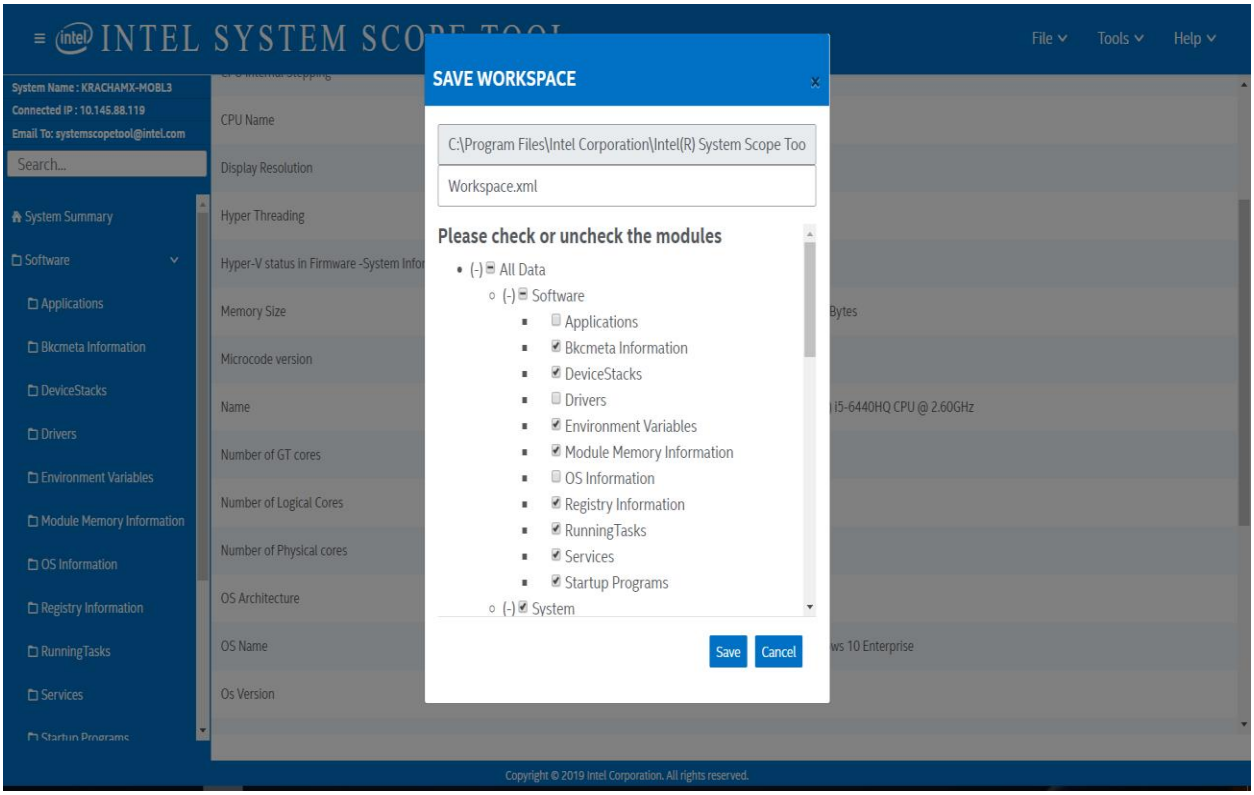
Figure 16.2 Shortcut option on Desktop



17. Load Custom Modules

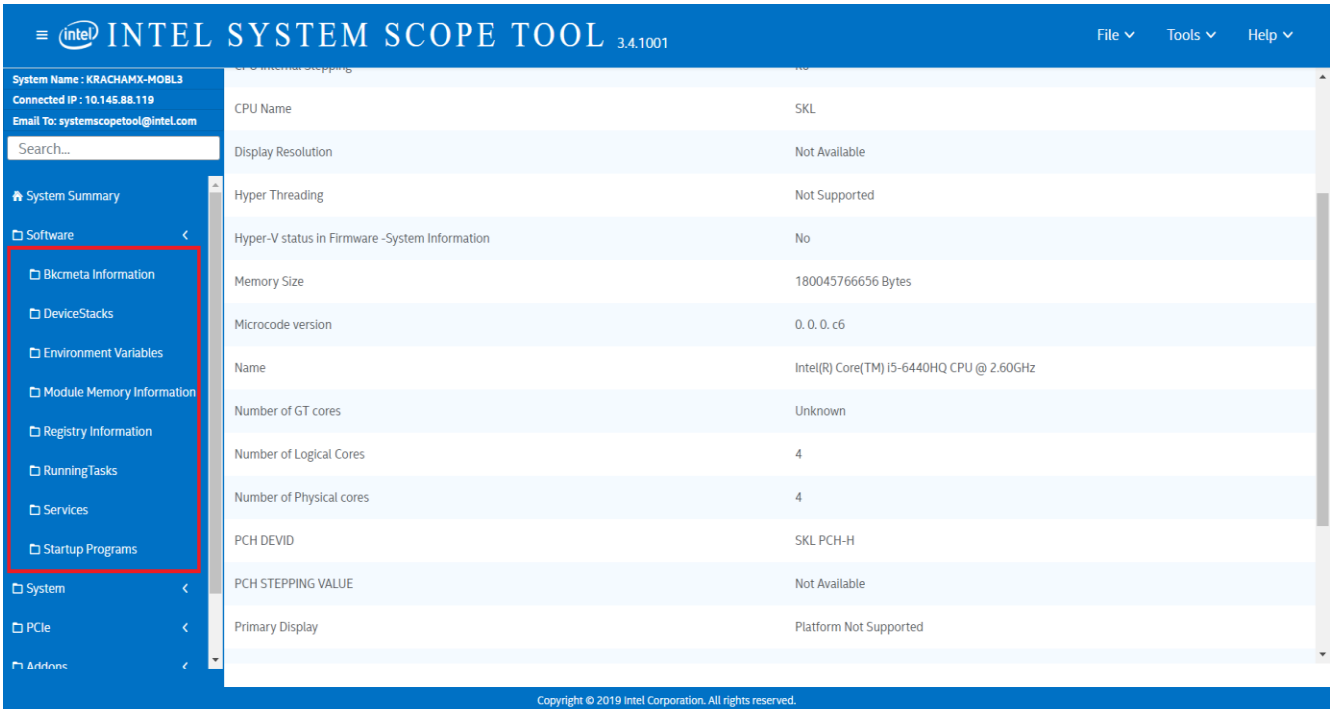
This is a feature of System Scope Tool, which displays only the modules user intended. On click of Save Workspace option under File Menu, a pop-up is displayed that shows the tree list of all the presented modules in the platform. Here the user can uncheck the modules which they don't want to see or load.

Fig 17.1 Save Workspace popup to select modules to load



After unchecking the modules, click on save option and the workspace will be saved. Now click On the load Workspace option under the File Menu and select the workspace file and click on load. Then The tool will display on the modules which the user has selected.

Fig 17.2 Loading of Custom Modules



If the user again wants to load all the modules, click on save workspace under File Menu And check all the modules, save that workspace and load that again to see or load all the available Modules in the platform.

18. Support

Please contact your Intel representative or drop a mail to systemscopetool@intel.com, to report any bugs or error events related to SystemScopeTool.

Kindly provide as many details as possible about the issue. This would help us resolve the issue Faster without the need for many email exchanges.