DMIEdit User Guide

Purpose

This document provides information to use the DMIEdit Tools to modify strings associated with SMBIOS tables on AMIBIOS host system.

Application Scope

Whitley/CedarIsland & EagleStream & AMD platform server.

Overview and Supported Operating System

DMIEdit is a Desktop Management Interface utility with command line.

DMIEdit is supported by the following operating systems:

- Microsoft® Windows® 8
- Microsoft® Windows® 8.1
- Microsoft® Windows® Server 2016
- Microsoft® Windows® Server 2019
- Microsoft® Windows® Server 2022
- Microsoft® Windows® 10
- Microsoft® Windows® 11
- Microsoft® Windows® PE
- EFI Shell
- Linux
  - Ubuntu (20.04)
  - Red Hat
  - Fedora (29)
  - openSUSE
  - Debian (9.6)
  - CentOS (7.3)

DMIEdit offers you to modify following SMBIOS table in Whitely product:

✧ System (Type 1)：“system SKU number” and ”system family name“

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Usage

The following parts detail the DMIEdit Tools' Usage in EFI Shell, Linux and Windows operating system.

amidelnx

1. Copy DmiEditLnx64 package to Linux system, here use Redhat 7.6.
2. Move to the DmiEditLnx64 directory, as shown in Figure 1.



Figure 1

3. Follows are some simple examples. View and modify the information of the system SKU number, enter the view command: ./amidelnx_64 / SK to view the system SKU number of SMBIOS Type1, as shown in Figure 2. Enter the modification command: ./amidelnx_64 / SK XXX, where XXX represents the modified content, as shown in Figure 3

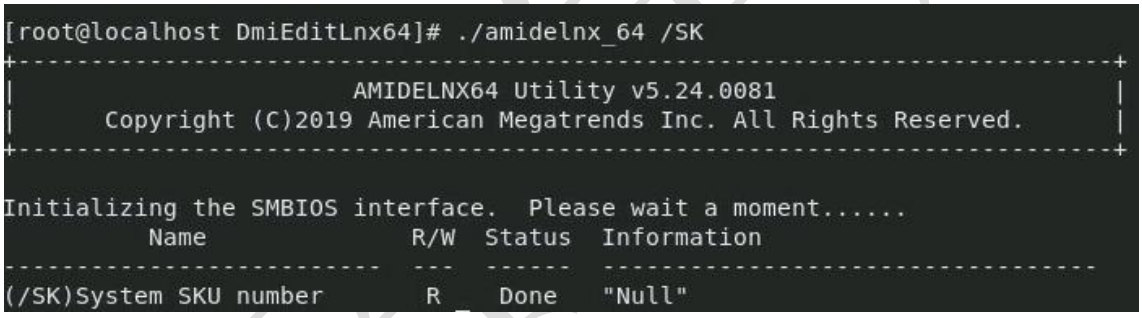


Figure 2

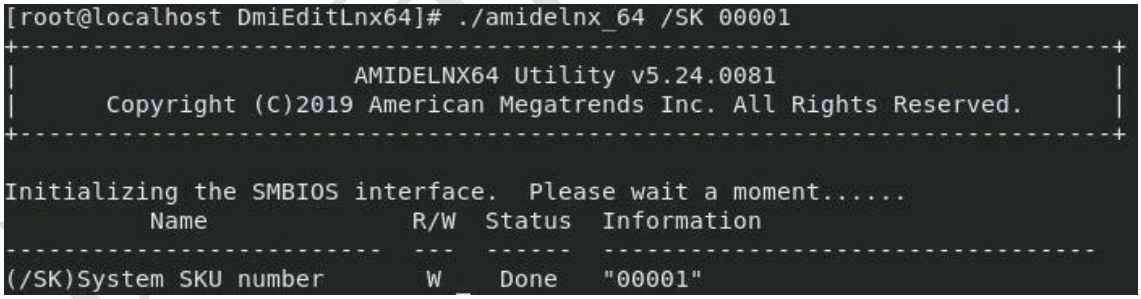


Figure 3

4. Other commands will not be repeated here, please see appendix for more information.

AMIDEEFIx64

1. Start the System, and boot to UEFI Shell. When the screen shows prompt "Press <DEL> to SETUP or <F11> to Boot Menu or <F12> to PXE Boot" (Different models may be slightly different, please refer to actual) at the bottom.Press the DEL key to enter the Setup interface, select Add UEFI Shell To Boot Menu to Enabled under the Boot menu, then press F10 to save and restart
2. When the screen shows prompt "Press <DEL> to SETUP or <F11> to Boot Menu or <F12> to PXE Boot" (Different models may be slightly different, please refer to actual) at the bottom. Then

press the F11 key to Boot Menu，select the “UEFI: Built-in EFI Shell” and press Enter. The Boot Menu example is shown in Figure 4.

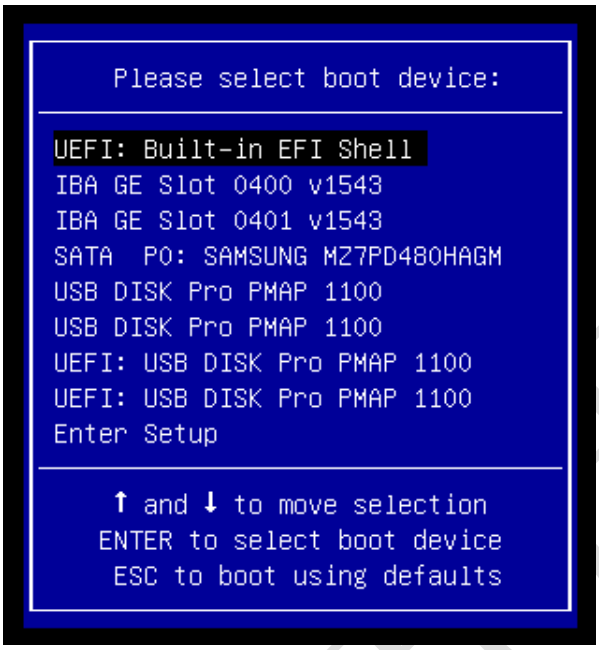


Figure 4

3. Move to DmiEditEfi64 directory, as shown in Figure 5.

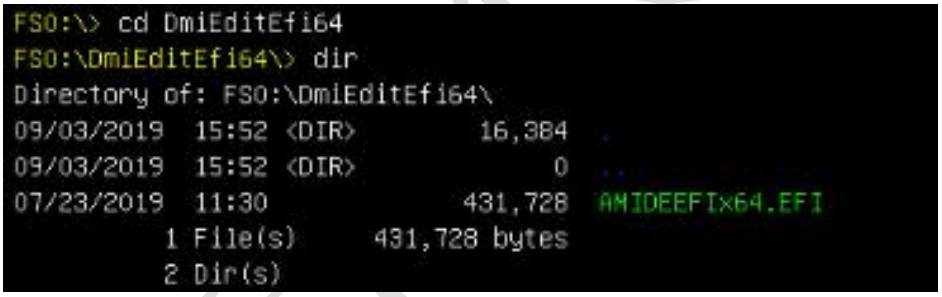


Figure 5

4. Commands in EFI Shell are same as in Linux.

AMIDEWINx64

1. Copy DmiEditWin64 package to Windows 64bit operating system, and take Windows 2019 R2 for example.
2. Open a command prompt and change directory to DmiEditWin64, as shown in Figure 6.

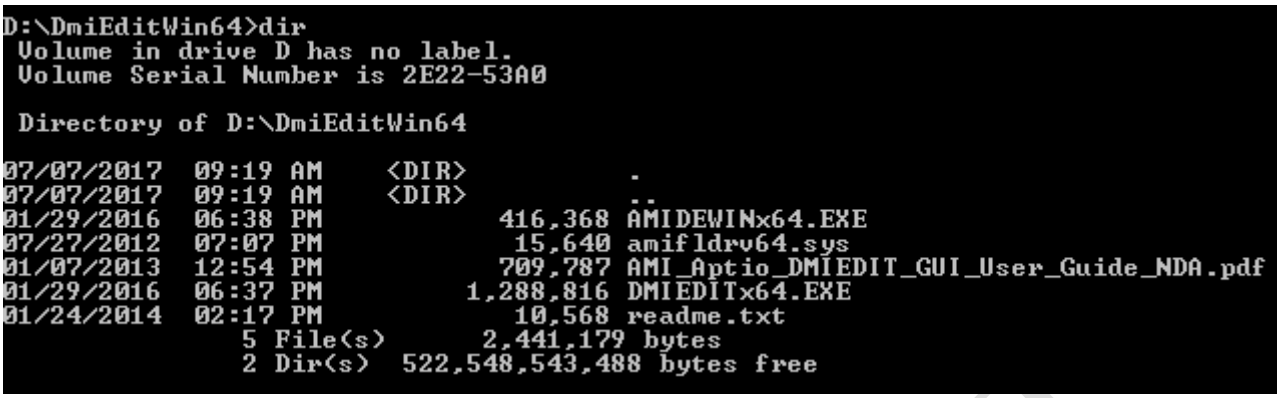


Figure 6

3. The available application is AMIDEWINx64.exe, and the commands in Windows are same as in Linux.

Appendix

Options	
* /SK ["String"]	Read/Write system SKU number.
* /SF ["String"]	Read/Write system family name.

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