Unified EFI Forum / DMTF Work Register
Version 1.2
Date Initiated : 01/06/2016

Alliance Organizations

The Unified EFI Forum and the Distributed Management Task Force (DMTF)

Background

UEFI (Unified Extensible Firmware Interface) is a specification detailing an interface that helps hand off control of the system for the pre-boot environment (i.e.: after the system is powered on, but before the operating system starts) to an operating system, such as Windows* or Linux*. UEFI will provide a clean interface between operating systems and platform firmware at boot time, and will support an architecture-independent mechanism for initializing add-in cards. The Unified EFI Forum manages and evolves this specification. The Unified EFI Forum has also been working on establishing a configuration infrastructure standard for UEFI-compliant platforms. The aim of this document is to define the liaison relationship between the DMTF and the Unified EFI Forum.

Alliance Partner Mission

The goal of this coordination is to incorporate requirements for modeling UEFI compliant firmware implementations into system and firmware models developed by the DMTF.

Alliance Benefits

- Ensure the DMTF and UEFI standards are coordinated and address platform inventory and configuration management requirements
- Consistent interpretation of ACPI specifications
- Promote DMTF and UEFI standards to member companies.
- UEFI participation at the DMTF Developers Conference and in various working groups
- Participate in Alliance Partner Summit

Activities

- Review DMTF material (work-in-progress and standard documents) associated with BIOS capabilities to ensure that the proper exists for both traditional BIOS, as well as UEFI standards and provide feedback/comments via portal.
    - SMBIOS spec (DSP0134)
    - PLDM for SMBIOS Transfer Specification (DSP0246)
    - PLDM for BIOS Control and Configuration Specification (DSP0247)
    - Management Component Transport Protocol (MCTP) Host Interface Specification (DSP0256)
    - BIOS Management Profile (DSP1061)
    - BIOS Attribute Registry XML Schema Specification (DSP8022)
    - Boot Control Profile (DSP1012)
    - SPMF Redfish API Specification, Schema and Mockup relevant to UEFI (Such as BIOS Attributes, Secure Boot, TPM, etc…)
    - SPMF Redfish Host Interface
- Promote relevant DMTF material into the next major release of the UEFI specification (e.g. 2.6).

Objectives (date)

- Continued inclusion of BIOS Management Profile in DASH Reference Implementation v1.2 (2014Q2)
- Collaboration on appropriate UEFI requirements on specifications developed within DMTF Working Groups. This includes:
    - o PLDM for Firmware Update (PMCI proposed future work)
    - o System and Option ROM Identifiers
    - o Command/Response strings
    - o SPMF Redfish API Specification, Schema, Mockup, and Host Interface specifications, relevant to UEFI
- DMTF interpretation of ACPI specification is consistent with UEFI interpretation

Access

o The following specifications that would need to be shared with UEFI:
    - o CIM Schema Work in Progress Drafts
    - o DMTF Profile Work in Progress Drafts
    - o PLDM and MCTP Work in Progress Drafts
    - o Redfish API Work in Progress Drafts specifically relevant to UEFI, including Specification, Schema, Mockup, and Host Interface.
- The following specifications that would need to be shared with DMTF:
    - o UEFI Specification Updates & Work in Progress Drafts

Work Register Review Date

The next review date is expected to be February 2017.

Resources Identified / Points of Contact:

UEFI:

- Mark Doran, Chair of UEFI Specification Work Group, mark.doran@intel.com
- Mike Rothman, Chair of UEFI Configuration Sub-team, michael.a.rothman@intel.com
- Vincent Zimmer, Chair of UEFI Security Sub-team, vincent.zimmer@intel.com

DMTF:
- DMTF VP of Alliances (vp-alliances@dmtf.org)

Approved by the DMTF Board of Directors:

Board Resolution 2016-02-08, on February18, 2016