

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

## **Alliance Organizations**

The [Unified EFI Forum](#) (UEFI) 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:
  - PLDM for Firmware Update (PMCI proposed future work)
  - System and Option ROM Identifiers
  - Command/Response strings
  - SPMF Redfish API Specification, Schema, Mockup, and Host Interface specifications, relevant to UEFI
- DMTF interpretation of ACPI specification is consistent with UEFI interpretation

### **Access**

- The following specifications that would need to be shared with UEFI:
  - CIM Schema Work in Progress Drafts
  - DMTF Profile Work in Progress Drafts
  - PLDM and MCTP Work in Progress Drafts
  - 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:
  - 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](mailto:mark.doran@intel.com)
- Mike Rothman, Chair of UEFI Configuration Sub-team, [michael.a.rothman@intel.com](mailto:michael.a.rothman@intel.com)
- Vincent Zimmer, Chair of UEFI Security Sub-team, [vincent.zimmer@intel.com](mailto:vincent.zimmer@intel.com)

### DMTF:

- DMTF VP of Alliances ([vp-alliances@dmtof.org](mailto:vp-alliances@dmtof.org))
- DMTF UEFI Alliance Contacts ([uefi-alliance@dmtof.org](mailto:uefi-alliance@dmtof.org))

## **Approved by the DMTF Board of Directors:**

Board Resolution 2016-02-08, on February 18, 2016