PCI-SIG / DMTF Work Register
Version 1.0
Date: 02/20/2019

The DMTF Work Register is created between the DMTF and the PCI-SIG to formally define the objectives, scope, benefits, and deliverables of the alliance collaboration. The register helps both organizations coordinate efforts to achieve the stated goals and objectives.

Alliance Organizations

The PCI-SIG and the DMTF.

PCI-SIG

Founded in 1992, Peripheral Component Interconnect Special Interest Group (PCI-SIG®) is an association of 700+ industry companies committed to advancing its non-proprietary peripheral component interconnect (PCI) technology by:

- Defining PCI specifications to deliver required I/O functionality
- Adapting PCI technology to future applications
- Maintaining backward compatibility with previous specifications
- Supporting industry-wide product development by offering compliance and interoperability test support

PCI-SIG's methodical approach to specification development yields a reliable, scalable solution for high speed I/O in numerous market applications. In fact, the PCI I/O expansion bus is today's de facto interconnect between CPUs and peripherals—in computers to servers.

DMTF

The DMTF is an industry standards organization working to simplify the manageability of network accessible technologies through open and collaborative efforts by leading technology companies. DMTF creates and drives the international adoption of interoperable management standards, supporting implementations that enable the management of diverse traditional and emerging technologies including cloud, virtualization, network and infrastructure.

Alliance Benefits

This alliance provides the following benefits:

- Enables a holistic management experience
- Enables scale out management for fabric management
- Ensures that PCI-SIG and DMTF standards are coordinated and address management requirements, including security object definitions, schema definition and JSON/OData interoperability as well as management of devices using MCTP over PCIe

- Promotes PCI-SIG and DMTF standards to member companies
- Fosters PCI-SIG participation at the DMTF Alliance Partner Technical Summit and in various working groups

Activities

The following activities are expected to occur during the duration of this work register.

PCI-SIG:

- Provides expertise on PCI-SIG requirements to assist PMCI with the creation of security objects.
- Provides expertise on PCI-SIG requirements to assist PMCI with the creation and maintenance of MCTP bindings for PCI standards.
  - Preserve the assigned PCI Vendor ID of 0x1AB4 for usage with the MCTP over PCIe VDM specification as per PCI-SIG VID request form dated 4.19.2007
- Provide Redfish Forum with expertise on PCI standards to assist with the extension of the Redfish standard to cover PCI fabric management.

The DMTF:

- Create and maintain a Security Protocols and Data Model (SPDM) standard that is extensible and accommodates the needs of PCI standards
- Maintain the MCTP PCIe Transport Binding Specification as well as extensions to other PMCI standards as needed.
- Create and maintains Redfish extensions to support PCI fabric management.

Limitations

PCI-SIG will not purposely produce delegated standards that conflict or diverge from existing or proposed DMTF standards where possible.

DMTF will not produce delegated standards that conflict or diverge from existing or proposed PCI-SIG standards where possible.

Milestones / Dates

This section is to list specific milestones that will be accomplished by the alliance partnership.

Milestone/Deliverables	Timeframe
Collaboration begins	Feb 2019
DMTF and PCI-SIG approves of Work Register v1.0	Mar 2019
DMTF announces PCI-SIG as a new alliance partner and publish work register	Mar 2019
DMTF releases Security Protocols and Data Model (SPDM) Specification	May 2019

DMTF updates MCTP PCIe Transport Binding Specification and Redfish model extensions	Ongoing

Access

The DMTF and PCI-SIG may want to provide documentation and collateral to each other. This information can be exchanged publicly, or not.

For information which can be accessed publicly

- DMTF will make the information available by posting as "Work-in-Progress" , "Informational", or "Standard" (dmtf.org/redfish)
- PCI-SIG will make the information available by email from the designated PCI-SIG technical representative.

For any information that involves intellectual property (that is information contributed to each other's projects):

- PCI-SIG can submit feedback and contributions to DMTF specifications via the DMTF Technology Submission Portal (dmtf.org/standards/feedback), subject to the terms of the DMTF Intellectual Property Rights Agreement set forth on such portal.
- DMTF can submit feedback and contributions to PCI-SIG specifications via email to the designated PCI-SIG representative for Technical Material (below
- PCI-SIG and DMTF can host meetings to exchange and discuss public information.

Except as described above regarding feedback and contributions to each other's specifications, unless otherwise agreed to in writing, no sharing of information, documentation, or materials shall result in the assignment, transfer, or license of intellectual property from one party to the other.

Documentation

The DMTF will make the following specifications available to the PCI-SIG. These will generally be available on the public DMTF site.

- PMCI Specifications, whitepapers & presentations.
- Redfish Specifications, whitepapers, presentations, schema and mockups

The PCI-SIG will make the following documents available to the DMTF.

- Public whitepapers, presentations and other educational material.

Work Register Review Date

The next review date is expected to be April, 2022

The DMTF work register review processes can be found in DSP4003.
https://www.dmtf.org/sites/default/files/standards/documents/DSP4003_1.6.0.pdf

Resources Identified / Points of Contact:

Below are the members of each organization that will act as points of contact between the two organizations.

PCI-SIG:

- Mike Krause Director of PCI-SIG (mkrause@hpe.com) For Technical Materials
- Reen Presnell Executive Director (rpresnell@vtmgroup.com) For Business and Marketing Materials

DMTF:

- DMTF VP of Alliances ([vpalliances@dmtf.org)](mailto:vpalliances@dmtf.org)
- DMTF's PMCI WG Chair ([pmci-chair@dmtf.org)](mailto:pmci-chair@dmtf.org)
- DMTF's Redfish Forum Chair (redfish-chair@dmtf.org)
- DMTF's PCI-SIG Alliance Contacts mail-list (pci-alliance@dmtf.org)

Additional Considerations

PCI-SIG and DMTF do not intend or exchange confidential, or members only, information as part of the collaboration described in this work register. Information shared must be shared by, and only to, mutual members of both organizations. If PCI-SIG and DMTF do, at a later time, decide to exchange confidential information, they will enter into a written non-disclosure and confidentiality agreement prior to such exchange.

Corresponding PCI-SIG Document

There are no corresponding documents created by PCI-SIG. This document was approved by the PCI-SIG on 26 Feb 2019

Approval by the DMTF Board of Directors

Approved by the DMTF Board of Directors; Board Resolution **2019-03-27**, on 3/13/2019.