Gen-Z/ DMTF Work Register
Version 1.0
Date: 07/23/2018

The DMTF Work Register is created between the DMTF and an Alliance Partner 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 Gen-Z Consortium (Gen-Z) and the Distributed Management Task Force (DMTF)

Gen-Z

The Gen-Z Consortium is made up of leading computer industry companies dedicated to creating and commercializing a new data access technology. The consortium's 12 initial members were; AMD, ARM, Broadcom, Cray, Dell EMC, Hewlett Packard Enterprise, Huawei, IDT, Micron, Samsung, SK hynix, and Xilinx with that list expanding daily as reflected on our Member List.

Gen-Z was developed to enhance existing solution architectures and enable new solutions architectures while delivering new levels of performance (high-bandwidth, low-latency), software efficiency, power optimizations, and industry agility. Gen-Z technologies can be transparently inserted into any solution with no operating system or middleware software changes required.

The Gen-Z consortium strongly believes in developing an open ecosystem where members, the broader industry, and customers can work together to deliver robust, high-quality specifications that meet solution needs. The Gen-Z consortium will periodically publicly post draft specifications and technical concepts to elicit input from the broader industry and directly from customers.

Distributed Management Task Force

The Distributed Management Task Force 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 Gen-Z and DMTF standards are coordinated and address all management requirements, including schema definition and JSON/OData interoperability as well as management of devices using MCTP over Gen-Z

- Promotes Gen-Z and DMTF standards to member companies

- Fosters Gen-Z 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.

Gen-Z

- Provides expertise on Gen-Z to assist PMCI with the creation of an MCTP for Gen-Z specification as well as extensions to other PMCI standards as needed.
- Provide Redfish Forum with expertise on Gen-Z to assist with the extension of the Redfish standard to cover Gen-Z management.

The DMTF:

- Produce a MCTP Gen-Z Transport Binding Specification as well as extensions to other PMCI standards as needed.
- Create and maintains Redfish extensions to support Gen-Z management.

Limitations

Gen-Z will not 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 Gen-Z standards where possible.

Milestones / Dates

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

Milestone/Deliverables	Timeframe
DMTF and Gen-Z approves of Work Register v1.0	Aug 2018
DMTF announces Gen-Z as a new alliance partner and publish work register	Aug 2018
Collaboration begins	Aug 2018
DMTF releases Redfish mockups and schema for Gen-Z	Dec 2018
DMTF releases MCTP Gen-Z Transport Binding Specification	Aug 2019

Access

The DMTF and Gen-Z 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)
- Gen-Z will make the information available by posting to the Gen-Z web site. For non-public work in progress, a web site will be made available to members of the Gen-Z Software and Management Working Group associated with the work. Public work in progress can be published by Gen-Z as "Draft".

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

- Gen-Z 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 Gen-Z specifications via the Gen-Z portal for contributions and feedback to Gen-Z specifications, subject to the intellectual property and other legal terms set forth on such portal.
- Gen-Z 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 Gen-Z Consortium. These will generally be available on the public DMTF Redfish site.

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

The Gen-Z will make the following documents available to the DMTF.

- Gen-Z Core Specification 1.0 and updates
- Gen-Z management specifications and / or similar design documents public drafts and final versions
- Public whitepapers, presentations and other educational material.

Work Register Review Date

The next review date is expected to be April, 2020

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.

Gen-Z:

Gen-Z's Software & Mgmt WG Chair(s) (swmgmt-chair@genz.causewaynow.com)

DMTF:

- DMTF VP of Alliances (vpalliances@dmtf.org)
- DMTF's PMCI WG Chair (pmci-chair@dmtf.org)
- DMTF's Redfish Forum Chair (redfish-chair@dmtf.org)
- DMTF's Gen-Z Alliance Contacts mail-list (genz-alliance@dmtf.org)

Corresponding Gen-Z Document

There are no corresponding documents created by Gen-Z. This document was approved by the Gen-Z on <date>.

Approval by the DMTF Board of Directors

Approved by the DMTF Board of Directors; Board Resolution **2018-05-06**, on 5/8/2018.

Additional Considerations

Gen-Z and DMTF do not intend or exchange confidential information as part of the collaboration described in this work register. If Gen-Z 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.