

News from the DMTF

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Issue Highlights

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Redfish Release 2019.1 Now Available

DMTF's [Redfish®](#), Release 2019.1, is now available for public download. An API designed to deliver simple and secure management for hybrid IT and the Software Defined Data Center (SDDC), this release includes 19 schema updates, revisions to the Redfish specification, and additional developer resources.

Items included in the new Redfish 2019.1 update include:

- [2019.1 Redfish Schema Bundle](#) – a .zip file that contains the current versions of all Redfish schema. Among the Schema updates, Certificate v1.1 added *Renew* and *Rekey* Actions, ManagerAccount v1.3 added *PasswordChangeRequired*, and *Event*-related schemas completed the transition to new Event Subscription methods.
- [Redfish Specification v1.7.0](#) – The latest version of the specification has been re-organized for additional clarity. In addition, version 1.7.0 includes the Redfish Dictionary (RDE) file naming rules and repository, enhanced schema localization definitions and repository location, as well as Password Management additions to support administrative best practices when deploying systems.

- [Redfish Release 2019.1 Overview](#) – This presentation provides detailed descriptions of each revision in Redfish 2019.1.
- [Redfish Resource and Schema Guide](#) – Designed to help educate users of Redfish, this human-readable guide to the Redfish Schema has been updated for version 2019.1. Application developers and DevOps personnel creating client-side software to communicate with a Redfish service, as well as other consumers of the API, will benefit from the explanations in this resource.
- [Redfish Release History](#) – Updated with each new release, this presentation offers a comprehensive view of each revision to Redfish since 2016.
- [Redfish Property Guide](#) – This new reference, intended primarily for schema authors, helps with locating existing property definitions within the Redfish schema.

To learn more about Redfish, click [here](#) or – by developers – visit the [Redfish Developer Hub](#) today. A one-stop, in-depth technical resource – by developers, for developers – the Redfish Developer Hub provides all the files, tools, community support, tutorials and other advanced education you may need to help you use Redfish.

Technical work on the Redfish standard takes place in DMTF's [Redfish Forum](#). To find out how you can join and contribute to this standard, click [here](#).

DMTF and HDBaseT Alliance Establish Work Register

As part of [DMTF's Alliance Partner program](#), the organization and the [HDBaseT Alliance](#) have agreed to a new work register.

Bringing together the leading names in the consumer electronics, professional AV, industrial and automotive sectors, the HDBaseT Alliance is a not-for-profit organization tasked with promoting and advancing HDBaseT technology as the global standard for ultra-high-definition, digital connectivity. As part of its agreement with DMTF, the organization plans to reference the security standards, protocols and flows as defined by the [DMTF's Security Protocol and Data Model Specification](#) (SPDM).

The work register detailing this Alliance Partner relationship is available in PDF [here](#).

DMTF Releases Security Protocol and Data Model (SPDM) Architecture as Work in Progress

DMTF's [Platform Management Components Intercommunication \(PMCI\)](#) Security Task Force

has published a [Work In Progress architecture presentation](#) for two new upcoming specifications.

The Security Protocol and Data Model (SPDM) Specification (DSP0274) provides message exchange, sequence diagrams, message formats, and other relevant semantics for authentication, firmware measurement, and certificate management. This specification for additional security defined by SPDM has a goal of aligning component authentication and integrity objects across the industry and is being designed to be referenced by other standards organizations.

The SPDM over MCTP Binding Specification (DSP0275) will contain the mapping of SPDM to MCTP message type 5 for usage within a Platform Management Subsystem that uses DMTF's Management Component Transport Protocol (MCTP) for communication between individual components.

In this new architecture presentation, [now available for download](#), details of the specification's commands, sequence diagrams, and message formats are provided. Industry feedback on the latest architecture is encouraged through our website <https://www.dmtf.org/standards/feedback/>

The PMCI Security Task Force is part of the PMCI Working Group, which – in addition to MCTP – also develops the Network Controller Sideband Interface (NC-SI) and Platform Level Data Model (PLDM) specifications. These “inside the box” communication interfaces provide a comprehensive, common architecture for improved communication between management subsystem components.

DMTF members are encouraged to join the PMCI Working Group and help shape these expedited security deliverables by visiting the [PMCI Working Group's private workspace](#). Non-members who would like to join the DMTF to contribute can learn more here: <https://www.dmtf.org/join>.

Register Today for the 2019 Alliance Partner Technical Symposium

Registration is open for the upcoming [2019 Alliance Partner Technical Symposium \(APTS\)](#). Make your plans now to join us for the thirteenth annual gathering, July 22-26, 2019, in Portland, Oregon.

The DMTF hosts APTS in partnership with longstanding Alliance Partner, [Storage Networking Industry Alliance \(SNIA\)](#). Featuring collaborative working group meetings, focused on technical topics of interest to DMTF's Alliance Partners, the symposium will also include keynote addresses from SNIA and other standards organizations. A social event is also planned for Wednesday evening.

In addition, the Redfish Forum will meet for a Redfish Plugfest. Only members of the Forum may participate; to learn more about joining the [click here](#).

In Case You Missed It

A Joint Message from the IPMI Promoters

No further updates to the IPMI Specification are planned or should be expected. The IPMI Promoters (Dell Inc, Hewlett Packard Enterprise, NEC Corporation and Intel Corporation) encourage equipment vendors and IT managers to consider a more modern systems management interface which can provide better security, scalability and features for existing datacenters and be supported on the requisite platforms and devices. DMTF's Redfish standard (from redfish.dmtf.org) is an example of one such interface. To read the official statement click [here](#).

Please note: The above statement applies only to the IPMI Specification, and should have no impact on existing IPMI implementations.

DMTF Releases CIM 2.52

DMTF recently published the latest release of the [Common Information Model \(CIM\) Schema, version 2.52](#). The fifty-second update to the [Common Information Model](#)

Upcoming Events

[APTS](#)

July 26-29
Portland, OR

[Storage Developers Conference 2019](#)

September 23-26
Santa Clara, CA

[SC19](#)

November 18-21
Denver, CO

Click [here](#) for the latest information on DMTF Events.

Need a DMTF Logo for your Marketing Materials?

We've got you covered!

Email press@dmtof.org for the DMTF and/or Redfish logo files as well as the most current Logo Usage Guidelines and Graphic Standards. We've recently updated the usage guidelines to include the use of the Redfish logo on a dark background.

New Members

[Qualcomm](#)

Recent DMTF Specifications

[CIM Schema v2.52.0](#)

([CIM](#)) since the launch of 2.0, this widely used standard provides a common definition of management information for systems, networks, applications and services.

To download the .zip files for the latest version – as well as individual UML Diagrams – please visit the CIM Schema, version 2.52 page [here](#).

New Translated Documents Now Available

Did you know [joining the DMTF's Regional Chapter in China and/or our Regional Task Force in Japan](#) is free to local employees of DMTF member companies? Participating is a unique opportunity to impact and guide the DMTF's global standardization work in these regions.

Playing a critical role in the organization's international initiatives, the DMTF's regional chapter and task force prioritizes and deliver localized DMTF documents, resources and guidelines to assist in regional adoption, and also provide input on new and existing DMTF standards based on requirements from local users and vendors.

The China Chapter has recently finished translating the following:

- [Redfish Tech Note – Simple Secure Management for Converged Hybrid IT](#)
- [Redfish Composability White Paper 1.2.0](#)
- [White Paper - End-to-End Interoperable Management-The Standards Requirement for Modern IT](#)

For a complete list of translated documents from the China Chapter or Japan Task Force

[DSP2053 2019.1 \(Redfish Property Guide\)](#)
[DSP2046 2019.1 \(Redfish Resource and Schema Guide\)](#)
[DSP0270 1.1.0 \(Redfish Host Interface Specification\)](#)
[DSP8011 2019.1 \(Redfish Standard Registries\)](#)
[DSP8010 2019.1 \(Redfish Schema\)](#)
[DSP0266 1.7.0 \(Redfish Specification\)](#)

Upcoming Meetings



6/20 Board Meeting
7/22 Board Face to Face Meeting
8/22 Board Meeting

DMTF on YouTube

Check our latest videos and be sure to subscribe to the [DMTF YouTube Channel](#) to stay up-to-date with our current and upcoming webinars.

Newsletter Feedback

We welcome your input on what you'd like to see included here – just [Contact Us](#) online and share your suggestions!

click [here](#).

leadership technologies and how to participate can be found at www.dmtf.org.

Contact us online or reach us at <http://www.dmtf.org/contact>.

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About DMTF

The DMTF creates open manageability standards spanning diverse emerging and traditional IT infrastructures including cloud, virtualization, network, servers and storage. Member companies and alliance partners worldwide collaborate on standards to improve the interoperable management of information technologies. The organization is led by a diverse board of directors from Broadcom Inc.; Cisco; Dell Inc.; Hewlett Packard Enterprise; Hitachi, Ltd.; HP Inc.; Intel Corporation; Lenovo; NetApp; Software AG; Vertiv; and VMware, Inc.



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