

News from DMTF

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December 2025

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2025 Year-in-Review

From the desk of DMTF President Jeff Hilland

As we reflect on another remarkable year, I'm proud to share DMTF's continued progress in advancing open standards that shape the future of AI and traditional infrastructure management. 2025 has been a year of collaboration, innovation, and engagement — from key updates to our Redfish® standard to growing partnerships across the industry. None of this would be possible without the dedication of our members, working groups, and alliance partners who continue to drive interoperability and efficiency across the ecosystem. Together, we're building a stronger, smarter foundation for the technologies of tomorrow.

Here's a look back at the highlights, successes, and invaluable contributions that have shaped this year.

Technical Milestones

Redfish

The [Redfish Forum](#) made significant progress this year, including:

- We kicked off 2025 with the Redfish Release [2024.4](#) in January. This release included the NEW StorageMetrics schema, Coolant Distribution Unit (CDU) Controls, and 20 schema updates. These enhancements are driven by the growth of Redfish and interoperability feedback received from implementers.
- Redfish version [2025.1](#) was released in March and included the addition of a specialized Expand query parameter for OriginOfCondition usage and 14 schema updates.
- Continuing its aggressive development of the standard, Redfish version [2025.2](#) was released in July. This release included eight new schemas, 36 schema updates, and a new message registry to support Industrial IoT equipment. This release was the result of collaboration with several alliance partners, including PCI Industrial Computer Manufacturers Group (PICMG), Open Compute Project (OCP), and the CXL Consortium, who provided invaluable subject-matter expertise to extend the Redfish data model further.
- In August, DMTF celebrated the [10th anniversary](#) of Redfish. Over the past decade, Redfish has become the trusted foundation for managing everything from single servers to large-scale cloud infrastructures to AI data centers.
- The September release of Redfish [2025.3](#) included one new schema and 41 schema updates, and several new additions to the Message Registry.
- Timed with the OCP Global Summit in October, the Redfish Forum continued the 10th anniversary celebration of the standard with a [press release](#) showcasing industry support.
- For accompanying Redfish release webinars, visit the [Redfish School playlist](#) on our [YouTube channel](#).
- Stay tuned for the release of Redfish 2025.4 slated for January 2026!

PMCI Efforts

The PMCI Working Group has been busy this year. The following are the notable technical milestones for 2025:

- In April, DMTF announced the public release of its [MCTP Host Interface Specification version 2.0.0 \(DSP0256\)](#). Version 2.0 enhances version 1.0, extending the definition to enable MCTP communication over a variety of physical interfaces, such as I2C/SMBus, I3C, USB, PCIe VDM, as well as the newly defined MCTP over Memory-Mapped Buffer Interface (MMBI) and upcoming Platform Communication Channel (PCC).
- In May, the working group published two specifications – [FRU Data Format Specification version 1.0 \(DSP0220\)](#) and [PLDM for FRU Data Specification version 2.0 \(DSP0257\)](#). The new specifications updated the overall approach to a common, extensible format for FRU.
- In September, PMCI released a new binding for MCTP packets between endpoints using a PCC interface ([DSP0292](#)). The [MCTP Platform Communications Channel \(PCC\) Transport Binding Specification](#) defines a transport binding for facilitating communication between host software and on-chip embedded management controllers (i.e. Satellite Management Controller) via a PCC shared-memory interface.
- In October, PMCI released the new [1.4.0 PLDM State Set \(DSP0249\) Specification](#) which includes devices applicable to the growing AI infrastructure product set including elements such as switch devices, refiners, liquid cooled manifolds and leak detection sensors.
- In November, PMCI released the details on how PCIe-MI is to be mapped over MCTP with the specific binding requirements as per [PCIe® Management Interface \(PCIe-MI®\) over MCTP Binding Specification \(DSP0291\)](#).

PMCI plans to be just as busy in 2026 and has several more releases planned for its suite of specifications.

SPDM

The [SPDM Working Group](#) has made significant progress this year and 2026 looks to be another banner year for the working group. The notable milestones for SPDM are:

- In June, [DMTE](#) and several of its industry partners ([CXL Consortium](#), [NVM Express, Inc.](#), [PCI-SIG®](#), [SNIA](#), and [Trusted Computing Group](#)) announced the continued evolution of the [SPDM standard](#), expanding its capabilities to support post-quantum cryptography (PQC) and aligning with the [National Security Agency's Commercial National Security Algorithm \(CNSA\) 2.0 Suite](#). As global cybersecurity threats grow in complexity, the need for resilient, future-proofed security standards has never been greater. [Click here](#) to read the press release and industry support.
- Also in June, the organization announced the release of the SPDM to Storage Binding Specification 1.0 ([DSP0286](#)), which defines the format of SPDM messages over storage protocols. This specification binds SPDM messages ([DSP0274](#)) and SPDM Secured Messages ([DSP0277](#)) to storage protocols. This binding specification extends the capabilities defined in the SPDM Specification to storage devices. Further, this binding specification enables the use of intermediate devices, such as a host bus adapter, between the Requester and the storage device.
- In July, the SPDM Code Task Force announces its latest open source release of [libspdm, version 3.5](#). It is conformant with DSP0274 1.0, 1.1, 1.2, and 1.3.
- In December, SPDM released a new Authorization Specification ([DSP0289](#)). This specification adds authorization capabilities to the existing suite of SPDM specifications. Authorization allows a device to verify that a requester has permission to access protected functions. The standard aims to address authorization uniformly across SPDM and PMCI standards, as well as among DMTF alliance partners and the wider industry. For the full release details, read the recent [news flash](#) below.

The Security Response Task Force (SRTF)

- The [SRTF](#) is hard at work within the organization's Technical Committee (TC). The Task Force, under the direction of the TC, is responsible for coordinating and managing reported security issues or vulnerabilities related to DMTF standards or DMTF open-source sample implementations.

To stay updated on any security announcements about DMTF standards, make sure at least one representative from your company is signed up on GitHub and following the announcements [here](#).

SMBIOS

[SMBIOS](#) is one of the most widely used IT standards in the world, simplifying the management of more than two billion client and server systems since its release in 1995.

- In September, the SMBIOS Working Group released [Version 3.9](#) of the SMBIOS Reference Specification.

CIM Forum

- The [CIM Forum](#), in addition to adding more products to the ever-increasing DASH certification registry, spent a great deal of effort this year examining what DASH 2.0 could look like in the future. We are very much looking forward to explaining to our members what that may entail in the upcoming year.

Alliances

Our [Alliance Partner](#) program continues to benefit the industry as a whole.

- In March, DMTF held its annual event, the [2025 Alliance Partner Technical Symposium \(APTS\)](#). The sixteenth annual APTS was held on Monday, March 31, through Thursday, April 1, 2025. It was a hybrid event, with the option to attend in person in Denver, Colorado, or virtually. The event featured collaborative working group meetings and keynote speakers.
- DMTF and the [Ultra Ethernet Consortium \(UEC\)](#) agreed to a [new work register](#), which outlines areas of technical collaboration between the two organizations. The goals of the alliance are to enable a holistic management experience, promote UEC and DMTF standards to member companies, and foster UEC participation in DMTF's Alliance Partner program and various working groups.

Education and Events

DMTF continued its dedication to industry outreach and education with updated educational materials, YouTube videos, and attendance at several industry events.

- The organization's ["Redfish School" YouTube series](#) continues to be popular with viewers. In May, we published a new tutorial video focused on the [Conformance Testing with Redfish](#). Stay tuned for more videos in 2026!
- Have you attended a Redfish release webinar? Ongoing support for implementers of the Redfish standard, the webinar series is timed to each release of the standard. Attendees join a live Zoom webinar where the Forum chairs present the contents of the latest release, followed by a Q&A session. Each webinar is added to our [Redfish School playlist](#) on our [YouTube channel](#).
- DMTF specifications can be found in millions of products, but most people have no idea which products support our standards. DMTF has created a [webpage](#) where companies can showcase which standards they have adopted or implemented.
- DMTF executives, technology representatives, and standards were highlighted in several events:
 - [SNIA SDC](#)
 - [2025 OCP Global Summit](#)
 - [Manageability Workshop presented by DMTF at the 2025 OCP Global Summit](#)
 - [OCP EMEA Summit](#)
 - [OCP AI/ML Systems Management Workshop](#)
 - [SC25](#)
- DMTF hosted a [Manageability Workshop](#) at this year's OCP Global Summit. The workshop featured the latest updates on infrastructure management from DMTF member companies, many of which are also active in OCP projects around hardware management, Redfish, and open-source development. Attendees learned about the latest information as well as unpublished developments that affect the OCP manageability community from DMTF experts and the industry. There were updates on Redfish Aggregation, Message Registry and tools, SPDM Authorization, libspdm, and PLDM. [Click here](#) to view the presentation slides or visit our YouTube channel [OCP playlist](#) of each presentation.
- Did you know [DMTF's Education area](#) offers visitors direct navigation and access to new materials? It also highlights the [latest educational information and featured resources](#) and provides visitors with a broad collection of information and the most recent materials. Be sure to check it out as it changes regularly.

Final Thoughts

As we look ahead to 2026, DMTF remains committed to fostering collaboration, accelerating innovation, and supporting the evolving needs of the global IT community, especially as we face the challenges of the growth driven by AI. The year ahead promises exciting advancements, and I'm confident that, together, we will continue to deliver the standards and tools that enable true interoperability and progress across the industry. Thank you to all our members, partners, and contributors for your continued dedication and leadership — your work is what makes DMTF's success possible.

Now Available - Authorization Specification 1.0 released by SPDM Working Group

DMTF's [Security Protocols and Data Models \(SPDM\) Working Group](#) has recently released a new Authorization Specification ([DSP0289](#)). This specification adds authorization capabilities to the existing suite of SPDM specifications. Authorization allows a device to verify that a requester has permission to access protected functions. The standard aims to address authorization uniformly across SPDM and PMCI standards, as well as among DMTF alliance partners and the wider industry.

This release includes the Authorization Specification ([DSP0289](#)) and updates the suite of SPDM specifications. Key updates include the versions of SPDM messages ([DSP0274](#)), the Secured Messages using SPDM over MCTP Binding Specification ([DSP0276](#)), and SPDM Secured Messages ([DSP0277](#)). Additionally, as part of this release, there are updates to version 1.0 of Secured Messages using SPDM for backward compatibility for infrastructures relying on it. There is also a 2.0 version of Secured Messages for SPDM for implementations desiring a more concise layering. The updates to [DSP0274](#) are required for implementations supporting Authorization.

These specifications - developed by the SPDM Working Group - incorporate feedback from the organization's [alliance partners](#). To learn more about the [SPDM Working Group](#) or to get involved in this work, please visit <https://www.dmtf.org/standards/spdm>.

It's Not Too Early to Think About DMTF Membership

As our new fiscal year approaches, DMTF's membership renewal period is right around the corner - please take steps today to ensure your organization is prepared to renew! Your company's billing contact will receive the invoice in early January so be sure to give them the heads up! The upcoming membership year runs April 1 to March 31.

DMTF membership offers front-line access to our standards along with the opportunity to participate in the process of defining standards and programs. This important work is funded through membership dues that are among the most cost-effective in the industry. DMTF remains the ideal forum for industry-leading companies to come together in a neutral, non-competitive environment to collaborate on interoperable management standards.

To learn more about the benefits of membership, or to join or renew, please visit the website at www.dmtf.org/join. Have questions? Get answers from our membership team at admin@dmf.org.

Thank you for your ongoing contributions and support of DMTF - our success depends on you! Renew your membership today!

In Case You Missed It

Redfish Release 2025.3 Now Available

[Redfish®](#), Release 2025.3 is available for public download. Designed to deliver simple and secure management for hybrid IT and the Software Defined Data Center (SDCC), the latest release of the Redfish standard includes one new schema and 41 schema updates, and several new additions to the Message Registry.

To see the full highlights of the Redfish 2025.3 release click [here!](#)

Fall Events

Continuing our industry outreach and education, DMTF participated in two events this fall – the Open Compute Project (OCP) Global Summit and SC25.

OCP Global Summit
The [Open Compute Project \(OCP\) Global Summit](#) was October 13-17, 2025, at the San Jose Convention Center. In addition to our booth on the Expo floor, DMTF hosted a [Manageability Workshop](#) on Monday, October 13.

The workshop featured the latest updates on infrastructure management and security from DMTF member companies, many of which are also active in OCP projects around hardware management, security, and open-source development.

Attendees learned about the latest information as well as unpublished developments that affect the OCP manageability community from DMTF experts and the industry. There were updates on Redfish Aggregation, Message Registry and tools, SPDM Authorization, libspdm, and PLDM.

DMTF standards were also highlighted and represented in several main sessions. [Click here](#) to view the presentations from the Summit.

Timed with the OCP Global Summit in October, the Redfish Forum continued the 10th anniversary celebration of the Redfish standard with a [press release](#) showcasing industry support.

SC25

The [Redfish](#) Forum participated in [SC25](#), November 16-21, 2025, at the America Center in St. Louis. Redfish was part of the Open Standards Pavilion along with other industry standards organizations including [OpenFabrics Alliance \(OFA\)](#), [NVM Express](#) (NVM®), [Ultra Accelerator Link™ \(UALink™\)](#), [Universal Chiplet Express™ \(UCle™\)](#), and [SNIA®](#).

To read about our fall events participation (and more!) visit our news page [here](#).

DMTF on YouTube

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

Personalize your DMTF Meeting Schedule

Log into the members portal [here](#) where you can see your specific work group meetings.

Please note you will need to be logged in to the member portal in order to access this feature.

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 to Get All the Latest News Delivered to Your Inbox!

Congratulations to our 2025 Star Awards Recipients!

Each year, our [Star Awards program](#) recognizes members who have demonstrated great value to the organization through the dedication of their time and efforts to advance DMTF standards and initiatives. We are proud to acknowledge these members for going above and beyond and contributing to the success of the organization.

Our thanks and congratulations to all!

[Click here](#) to see the full list of recipients.

Need a DMTF Logo for your Marketing Materials?

We've got you covered! Email press@dmf.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

DMTF Leadership

[ASUStek Computer Inc.](#)

Recent DMTF Specifications

[DSP0293 1.0.0 - Standards Body and Vendor Header Registry](#)

[DSP0266 1.22.0 - Redfish Specification](#)

[DSP0266 1.23.0 - Redfish Specification](#)

[DSP0269 2025.3 - Redfish Data Model Specification](#)

[DSP0272 1.8.2 - Redfish Interoperability Profiles Specification](#)

[DSP0288 1.3.0 - CXL to Redfish Mapping Specification](#)

[DSP8010 2025.3 - Redfish Schema Bundle](#)

[DSP8011 2025.3 - Redfish Standard Registries Bundle](#)

[DSP8013 2025.3 - Redfish Interoperability Profiles Bundle](#)

[DSP2043 2025.3 - Redfish Mockups Bundle](#)

[DSP2046 2025.3 - Redfish Resource and Schema Guide](#)

[DSP2053 2025.3 - Redfish Property Guide](#)

[DSP2059 1.2.0 - Redfish Certificate Management White Paper](#)

[DSP2062 1.1.0 - Redfish Firmware White Paper](#)

[DSP2065 2025.3 - Redfish Message Registry Guide](#)

[DSP0282 1.0.2 - Memory-Mapped Buffer Interface \(MMBI\) Specification](#)

[DSP0249 1.4.0 - Platform Level Data Model \(PLDM\) State Set Specification](#)

[DSP0291 1.0.0 - PCIe® Management Interface \(PCIe-MI®\) over MCTP Binding Specification Level Data](#)

[DSP0274 1.2.4 - Security Protocol and Data Model \(SPDM\) Specification](#)

[DSP0274 1.3.3 - Security Protocol and Data Model \(SPDM\) Specification](#)

[DSP0276 1.3.0 - Secured Messages using SPDM over MCTP Binding Specification](#)

[DSP0276 2.0.0 - Secured Messages using SPDM over MCTP Binding Specification](#)

[DSP0277 1.3.0 - Secured Messages Using SPDM Specification](#)

[DSP0277 2.0.0 - Secured Messages Using SPDM Specification](#)

[DSP0289 1.0.0 - Security Protocol and Data Model \(SPDM\) Authorization Specification Messages](#)

Information about DMTF's 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>.

About DMTF

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 Technologies; HPE; Intel Corporation; Lenovo; Positivo Tecnologia S.A.; and Verizon.



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