



December 2016

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A Year-in-Review with DMTF President Jeff Hilland

It's been a fruitful year for the DMTF. In this newsletter, President Jeff Hilland offers a look back on the organization's most significant accomplishments in 2016.

Q: The Scalable Platforms Management Forum (SPMF) and the Redfish™ API continue to make a big splash on behalf of the DMTF. What were some of the more notable developments in 2016?

A: In 2016, [Redfish](#) saw numerous advancements. We released Redfish schemas and mockups for local storage management, firmware update services, persistent memory, and PCIe switch and device management, as well as made significant progress with work on Host Interface, Advanced Comms Devices, Ethernet Switching and Advanced Permissions. In addition, the Forum unveiled the [Redfish Developer Hub](#), a one-stop, in-depth technical resource that provides developers with Redfish API files, tools, support, and education. Within the Developer Hub, you can find the [Redfish Schema Index](#), which serves as a central repository of Redfish schema files and descriptions from both DMTF and the industry, as well as helpful links to resources such as our new [YouTube channel](#), which features “Redfish School” - a series of six brief technical video presentations explaining the Redfish model. SPMF is also sharing numerous new tools to the

open source community in its [Redfish Tools repository on GitHub](#), and we are looking for feedback and review of these tools, inviting open source contributions.

Q: Can you highlight some of this year's other accomplishments from a technology standpoint?

A: The Working Groups and Forums have done some great work! By year end, DMTF will have released as many as 30 specifications and 14 Works in Progress on everything from SMBIOS and PMCI specifications to more CIM profiles and a new version of CIMI. Continuing its cadence of releases, the organization released three Common Information Model (CIM) schemas this year for a total of over 50 releases since its inception. We also saw increased adoption of DMTF standards in open source projects, including [OpenStack Ceilometer](#), [Open Linux Management Infrastructure](#) (OpenLMI) and [Open Management Infrastructure](#) (OMI) v 1.0.8. In addition, collaboration among DMTF Working Groups in maintaining interoperability and uniform cohesion continues to demonstrate that DMTF is the ideal forum for industry leading companies to come together in a non-competitive environment to work together on relevant interoperable management standards.

Q: 2016 saw the consolidation of several Working Groups. What does this mean to DMTF and its members?

A: [DMTF's Working Groups](#), under the oversight of the Technical Committee, have always played a central role in the organization's technical work. As the DMTF continues its dedication to innovation and process alignment, the organization consolidated a number of mature Working Groups in 2016, while increasing the use of new Task Forces, to support the high level of volunteer activity and further improve efficiency and overall agility. In cases where there were overlapping goals and technologies in common, the groups have been combined to help speed development. The remaining Working Groups are now armed with an improved structure that supports their continued advancement, and with DMTF's updated policies these groups can work together in a nearly seamless fashion. The benefits of these improvements are evident in the recent releases of the [Redfish API Schema 2016.2](#), [CIMI 2.0](#), and [CIM Schema 2.47.0](#) – all made public in Q3 of 2016.

Q: Can you speak to the growth of DMTF's industry outreach and alliance relationships this year?

A: In an effort to increase our industry outreach, DMTF attended several events this year including the Intel Developer Forum 2016 (IDF), Interop, the Large Installation System Administration Conference (LISA) and the International Conference on Network and Service Management (CNSM). We co-sponsored CNSM, where we held a mini-conference that included 20-minute sessions highlighting 10 research papers in the areas of NFV Enabled Services, Measurement and Analysis, and Dynamic Adaptation. Early in the year, we also spoke at the Standards Development Organizations Modeling Workshop hosted by [ETSI-NFV](#). There, leading Standards Development Organizations (SDOs) and Open Source communities (representing a broad and diverse ecosystem) came together with a common purpose - accelerating alignment of their activities in relation to NFV. Additionally throughout the year, DMTF saw increased cooperation and renewed alignment with other SDOs through [alliance partnerships](#) and collaboration with organizations like the SNIA and ESTI-NFV. There is also work under development to align DMTF specifications including Redfish and PMCI with Open Compute Project (OCP) specifications.

Q: Where does DMTF stand on the international stage at this time?

A: DMTF continues to grow its global presence capitalizing on the reach of members from 43 countries and local bodies in China and Japan. We are committed to supporting global standardization efforts, providing resources and information for users and developers worldwide. Our Regional Chapter in China and Regional Task Force in Japan each offer websites where visitors can access translated DMTF documents and specifications.

We've also compiled all of our [international translated specifications](#) on one web page, available on the English language website. In addition, DMTF Vice President of Alliances John Leung (Intel) spoke at the International Cloud Computing Standardization Forum in May, providing an update on DMTF's cloud standardization efforts as part of the China Cloud Computing Conference (CCCC) in Beijing.

Additionally, DMTF's [Management of Security Credentials](#) was adopted by the [American National Standards Institute](#) (ANSI) and [International Committee for Information Technology Standards](#) (INCITS). It's the latest milestone in the continued international utilization of DMTF standards, bringing the total number of standards published by ANSI to 10 and those published by the [International Organization for Standardization](#) (ISO) to six.

The work of the past year shows that DMTF's efforts to lower process overhead and increase agility have truly paid off. The hard work and leadership of our members remains invaluable, and we thank you. If you are not yet a member, we invite you to join the steady stream of new companies and alliance partners who have invested in DMTF membership. Learn more about how to get on board with us in 2017 at dmtf.org/join.

Prepare Now for 2017 Membership

2016 was an incredible year for the DMTF, and 2017 promises to be even better! With the new year right around the corner, take steps today to ensure your company is prepared to renew its DMTF membership for the coming year.

The work of the DMTF is funded through membership dues that are among the most cost effective in the industry, and current member companies will receive renewal invoices in late February 2017 for the upcoming membership year (which runs April 1 to March 31). Your company's billing contact will receive the invoice, but you can help today by making sure DMTF is included in your organization's budgets for 2017.

The DMTF continues to be the ideal forum for industry-leading companies to come together – in a collegial and established environment – to collaborate on interoperable management standards. Through membership in the DMTF, you gain a valuable return on investment through:

- Early access and insights into the creation of DMTF specifications, underlying technologies, the architecture and those forging it

- The opportunity to impact the industry by participating in the process of defining standards and programs
- Reduced development, design and start up costs with access to DMTF's collaborative development tools, experts and broad knowledge base
- Increased visibility through the DMTF's industry-wide marketing efforts and initiatives

To learn more, please view our webinar, [“The Benefits of DMTF Membership,”](#) presented by DMTF President Jeff Hilland (and if your company is not currently a member, see [how to join](#) so you can participate in DMTF's important work).

DMTF offers three levels of membership: Leadership, Participation and Monitoring – as you prepare to renew, you may want to take the opportunity [to review the entitlements for each](#) and consider joining at a higher level in 2017 (the fee difference can be minimal).

If you have questions or if there is any information the DMTF can provide that will be helpful to your company's renewal process, just email admin@dmft.org. Thank you for your support and membership in the DMTF!

DMTF Launches YouTube Channel with Redfish™ School Series

Get schooled in [Redfish™](#) by tuning in to DMTF's new [YouTube channel!](#) The DMTF is excited to announce this new resource, which provides videos and brief technical webinars on a variety of DMTF standards and topics, including the Redfish API.

Currently, DMTF's YouTube channel features “Redfish School,” a series of six new video presentations that kicks off with [Why Redfish™?](#), a short webinar – hosted by [Scalable Platforms Management Forum \(SPMF\)](#) Co-Chair Jeff Autor – that offers an overview of the standard and how it enables simple and secure management of modern scalable platform hardware. Additional videos in the series feature Jeff Hilland, DMTF President and active SPMF member, explaining the Redfish Model [Architecture](#), [Common Properties](#), as well as [Chassis](#), [Systems](#) and [Managers](#).

Visit today to see DMTF's latest videos, and be sure to subscribe to the [DMTF YouTube Channel](#) to stay up-to-date with our upcoming webinars!



DMTF Announces 2016 Star Award and Super Star Award Recipients

Each year, the [DMTF Star Awards Program](#) recognizes members who have demonstrated great value to the organization through the dedication of their time and efforts in advancing DMTF standards and initiatives. The 2016 Star Awards recipients include Richelle Ahlvers (Broadcom Limited), Jeff Autor (Hewlett Packard Enterprise), Cathi Biagi (Brightleaf Group), Patrick Boyd (Dell Inc.), Patrick Caporale (Lenovo), Mike Pizzo (Microsoft Corporation), Michael Raineri (Dell Inc.), Siva Sathappan (AMD), Tom Slaight (Intel Corporation, retired) and Paul Vancil (Dell Inc.).

DMTF is pleased to recognize Hemal Shah (Broadcom Limited) as a 2016 Super Star Award recipient – DMTF’s equivalent of a lifetime achievement award. For over a decade, he has been one of the driving forces within the organization. To read more about Hemal’s long list of contributions to the DMTF, visit our Super Star Awards [webpage](#).

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!

Industry Outreach

DMTF Compiles International Translated Specifications on New Web Page

DMTF is committed to supporting global standardization efforts, providing resources and information for users and developers worldwide. The organization – which has an active Regional Chapter in China and a Regional Task Force in Japan - offers both a [Chinese language website](#) and a [Japanese language website](#) where visitors can access translated DMTF documents and specifications.

Now, the DMTF has compiled all of its [international translated specifications](#) on one web page, available on the English language website. View the standards documents we have for download, and share them with your

Upcoming Events

[USENIX LISA16](#)

December 4-9

Boston, MA

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

Welcome New Members

[Telecommunication Technology Association \(TTA\)](#)

Newsletter Feedback

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

international colleagues.

This page will continue to be updated as newly translated documents become available, so be sure to bookmark the [international translated specifications](#) page.

BrightTALK™

DMTF webinars are available live and on-demand in our learning center. Access them online to gain deeper insight into current DMTF initiatives.



YouTube

Subscribe to our YouTube Channel where DMTF provides videos and brief technical webinars on a variety of DMTF standards and topics.

Information about the DMTF's technologies and how to participate can be found at www.dmtf.org. Contact us online or reach us at <http://www.dmtf.org/contact>.

Recent DMTF Specifications

[DSP0134_3.1.0 – SMBIOS Specification](#)

[DSP0245_1.2.0 – PLDM IDs and Codes Specification](#)

[DSP0236_1.3.0 – MCTP Base Specification](#)

[DSP0267_1.0.0 – PLDM for Firmware Update Specification](#)

Upcoming Meetings



Board Meeting 12/7

Board Meeting 1/12

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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 Limited; CA Technologies; Dell Inc.; Emerson Network Power; Hewlett Packard Enterprise; Hitachi, Ltd.; HP Inc.; Intel Corporation; Lenovo; Microsoft Corporation; NetApp; Software AG; TIM; and VMware, Inc.



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