

News from the DMTF

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## Now Available: Redfish Resource and Schema Guide

The DMTF continues to develop new tools and materials to support users of its [Redfish®](#) standard, and the latest important release is now available for download: the [Redfish Resource and Schema Guide](#). For the first time, Redfish schema content is presented in a single, reader-friendly document – this simplified and condensed format eliminates the need to view each CSDL or JSON file separately to read the Redfish schema.

“The Redfish Resource and Schema Guide will be a tremendous asset to the industry, designed to help increase the already widespread adoption of Redfish,” said Jeff Hilland, president, DMTF. “Application developers, DevOps personnel, and other consumers of Redfish will benefit greatly from this resource.”

Generated automatically from the Redfish schema files' human-readable text, the Redfish Resource and Schema Guide will be updated and released with each new version of the Redfish standard.

The new Redfish Resource and Schema Guide is one of the many items available on the [Redfish Developer Hub](#). The DMTF recently improved and expanded this popular one-stop, in-depth

technical website, which provides all the files, tools, community support, tutorials and other advanced education developers may need to help use Redfish. Revamped with additional content and an improved navigation for faster access to new materials, visit the [Redfish Developer Hub](#) today!

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## New Redfish Schema, Specification and Developer Resources

With the aggressive development of its [Redfish®](#) standard, DMTF continues to address customer use cases and technology in converged IT infrastructure management. An API designed to deliver simple and secure management for hybrid IT and the Software Defined Data Center (SDDC), new versions of the Redfish schema and specification, as well as additional developer resources, are now available.

New items released as part of 2018.1 include:

- [2018.1 Redfish Schema Bundle](#) – a .zip file that contains the current versions of all Redfish schema, including a new ExternalAccountProvider schema for LDAP/ActiveDirectory support. Additional schema updates enable support for Server Sent-Eventing (SSE), provide additional information for Processors and Settings, and more.
- [Redfish Specification v1.5.0](#) – adds new support for SSE, enabling the streaming of events to web-based GUIs and other clients. Other specification updates in this release include a mechanism for specifying deterministic behavior for the application of Create, Delete or Action (POST) operations.
- [Redfish 2018.1 Overview](#) – provides detailed descriptions of each revision in the latest version of the Redfish Schema and Specification.
- [Redfish History – April 2018](#) – updated with each new release, this presentation offers a comprehensive view of each revision to Redfish since 2016.

Technical work on the Redfish standard takes place in the DMTF's [Redfish Forum](#) (the group formerly known as the Scalable Platforms Management Forum).

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## Register for the 2018 Alliance Partner Technical Symposium

Registration is open and the agenda is posted for the upcoming 2018 [Alliance Partner Technical Symposium \(APTS\)](#). Make your plans now to join us for this eleventh annual gathering, being held July 23-27, 2018, in Portland, Oregon.

Led by DMTF's Vice President of Alliances, John Leung, APTS is hosted in partnership with longstanding Alliance Partner, [Storage Networking Industry Association \(SNIA\)](#). Featuring collaborative working group meetings, focused on technical topics of interest to DMTF's Alliance

Partners, the symposium also includes keynote addresses from the [Open Compute Project \(OCP\)](#), [PCI Industrial Computer Manufacturer Group \(PICMG\)](#) and SNIA. A social event is also planned for Wednesday evening.

In addition, the Redfish Forum (formerly known as the Scalable Platforms Management Forum) will meet for a Redfish plugfest. Only members of the Redfish Forum may participate; to learn more about joining the Redfish Forum [click here](#).

Check out the [schedule online](#) and [register today!](#)

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## DMTF's Participation in Japan IT Week a Success

As part of its global standardization work, the DMTF provides resources and information for users and developers worldwide. Recently the organization, along with its [Regional Task Force in Japan](#), participated in the 27<sup>th</sup> annual [Japan IT Week Spring](#), May 9-11, 2018, in Tokyo. DMTF's presence included both a booth and a conference session at this important event, which hosts more than [100,000 attendees](#) interested in the latest IT technologies and solutions.

Click [here](#) to read all about DMTF's presence at Japan IT Week Spring.

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### In Case You Missed It

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## CNSM Paper Submission Deadline is June 12

Taking place November 5-9, 2018 in Rome, Italy, the [14th International Conference on Network and Service Management \(CNSM\)](#) is a selective single-track conference covering all aspects of the management of networks and services, pervasive systems, enterprises, and cloud computing environments. The core track is accompanied by a series of workshops and poster sessions. CNSM welcomes authors to submit original

### Upcoming Events

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#### [2018 DMTF Alliance Partners Technical Symposium](#)

July 23-27  
Portland, OR

#### [2018 USENIX Annual Technical Conference](#)

July 11-13, 2018  
Boston, MA

#### [2018 Storage Developers Conference](#)

September 24-27  
Santa Clara, CA

Click [here](#) for the latest information

contributions in the network and service management research area. The [paper submission](#) deadline is June 12, 2018.

As a co-sponsor of CNSM, DMTF will host a mini-conference where accepted submitters will present their work. Submitters may apply for CNSM travel grants. View a complete description of the topics of interest and submission guidelines on the [CNSM website](#).

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## DMTF, NVMe and SNIA Form Three-Way Alliance

The DMTF, [NVM Express, Inc.](#) and [Storage Networking Industry Association \(SNIA\)](#) have formed a new three-way alliance to coordinate standards for managing solid state drive (SSD) storage devices. The three-way alliance will work on scale out management for SSDs, helping enable a holistic management experience.

For more details on this alliance, view the [work register in PDF here](#) or read the [news flash](#).

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## DMTF and PICMG Form Alliance

DMTF and the [PCI Industrial Computer Manufacturer Group \(PICMG\)](#) have formed an alliance to help ensure the two organizations' standards are coordinated and aligned in the Industrial Internet of Things (IIoT) domain. This alliance will advance collaboration between the two groups as PICMG specifies [Redfish® API](#) resources needed to support devices for IIoT. PICMG

on DMTF Events.

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## DMTF Announces Adoption of Redfish by ISO and IEC

DMTF's [Redfish®](#) standard has been adopted and published by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) as [ISO/IEC 30115:2018](#). With an aggressive development schedule that has resulted in rapid advancement, Redfish's publication by ISO/IEC as an International standard for Information Technology is expected to further accelerate worldwide adoption and interoperability.

Please visit the [DMTF ANSI and ISO Adoptions and Alliance Activities](#) page for our full list of standards that have achieved important international accreditation status.

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## Need a DMTF Logo for your Marketing Materials?

We've got you covered! Email [press@dmtof.org](mailto: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.

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## Newsletter Feedback

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

will also create and maintain Redfish extensions to support IIoT system deployments.

To read the full news flash announcing the relationship click [here](#).

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## 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.

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## Upcoming Meetings



6/21 Board Meeting

7/21 Face to Face Board Meeting

8/23 Board Meeting

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and share your suggestions!

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## Recent DMTF Specifications

[DSP0266\\_1.5.0 - Redfish Scalable Platforms API Specification](#)

[DSP8010\\_2018.1 - Redfish Schema](#)

[DSP0272\\_1.0.1 - Redfish Interoperability Profiles Specification](#)

[DSP8013\\_2018.1 - Redfish Interoperability Profiles Bundle](#)

[DSP2046\\_2018.1 - Redfish Resource and Schema Guide](#)

[DSP2052\\_1.0.0 - Redfish and Odata White Paper](#)

[DSP0266\\_1.4.1 - Redfish Scalable Platforms API Specification](#)

[DSP0134\\_3.2.0 - SMBIOS Specification](#)

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Information about the DMTF's leadership technologies and how to participate can be found at [www.dmtf.org](http://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 Limited; CA Technologies; Dell Inc.; Hewlett Packard Enterprise; Hitachi, Ltd.; HP Inc.; Intel Corporation; Lenovo; NetApp; Software AG; Vertiv; and VMware, Inc.



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1001 SW 5th Avenue, #1100

Portland, OR 97204

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