

News from the DMTF

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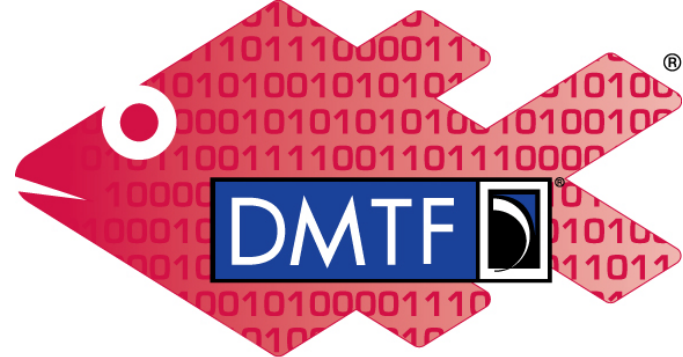
New Redfish Update Adds Composability Support

Continuing its aggressive development timeline, an important update to the DMTF’s [Redfish® standard](#) is now available. The newly-released version 2017.1 of the Redfish Schema (available for download [here](#)) and version 1.2.0 of the [Redfish Specification](#) contain a number of additions, including support for composable infrastructures.

With the ultimate goal of addressing all of the components in the data center with a consistent API, Redfish is an open industry standard that helps enable simple, modern and secure management of scalable platform hardware. DMTF continues to expand Redfish to cover customer use cases and technology, and the new Composition Service provides support for binding resources together into logical constructs.

For example, disaggregated hardware - which allows for independent components, such as

processors, memory, I/O controllers, and drives, to be bound together to create a composed Computer System - becomes a Computer System from an end user perspective in Redfish. Redfish composability allows clients to adjust their hardware configurations in response to their application needs, without having to touch any hardware.



Redfish

To learn more about Redfish, click [here](#) or - for developers - visit the [Redfish Developer Hub](#), a one-stop, in-depth technical resource with all the files, tools, community support and education you may need to help you use Redfish. To participate in the development of Redfish, please join the DMTF's [Scalable Platforms Management Forum \(SPMF\)](#).

Check Out the Latest “Redfish School” Videos Covering OData and CSDL

Are you ready to swim to the head of the class? The DMTF has recently released three new videos as part of its [“Redfish School” YouTube series](#). This group of short technical webinars, covering a variety of key topics related to the [Redfish® API](#), now includes mini-tutorials on Redfish’s use of OData and the Common Schema Definition Language (CSDL).

The “Redfish School” series kicks off with [Why Redfish?](#) – a video overview of the standard and how it enables simple and secure management of modern scalable platform hardware – and features additional videos addressing the Redfish [Model Architecture](#), [Common Properties](#), as well as [Chassis](#), [Systems](#) and [Managers](#). Newly-available webinars include an [Introduction to CSDL](#), [Redfish CSDL Usage](#), and [OData Client Support in Redfish](#).

OData – which uses Common Schema Definition Language (CSDL) – defines a set of common RESTful conventions and markup, which, if adopted, provides for interoperability between APIs. Adopting OData conventions for describing Redfish Schema, URL conventions, and naming and structure of common properties in a JSON payload not only encapsulates best practices for RESTful APIs, but also further enables Redfish Services to be consumed by a growing ecosystem of generic client libraries, applications, and tools.

While Redfish is designed to be simple, human-readable and can be used with JSON only, the new videos will be helpful to many users, including Redfish service implementers that need to ensure their service conforms to OData guidelines, schema developers that want to learn to define new Redfish extensions in CSDL, Redfish client developers that may choose to use CSDL, and those using OData-based clients who would like to understand the conventions related to Redfish.

Graduate with honors with these latest tutorials from “Redfish School!” Visit today to see our latest videos, and be sure to subscribe to the [DMTF YouTube Channel](#) to stay up-to-date with our

Register Now for DMTF's 2017 Alliance Partner Technical Symposium

Registration is open and the agenda is posted for the upcoming 2017 [Alliance Partner Technical Symposium \(APTS\)](#). Make your plans now to join us for this eleventh annual gathering, being held July 24-28, 2017, 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 each morning and a social event Tuesday evening.

In addition, the Scalable Platforms Management Forum (SPMF) will meet for a members-only plugfest around the Redfish standard (to participate, learn more about [joining SPMF here](#)).

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

DMTF President to Speak at China Cloud Computing Conference

DMTF President Jeff Hilland (HPE) will speak at the 4th International Cloud Computing Standardization Forum on June 13. Hilland will provide an update on DMTF's global efforts including Redfish®, an open industry standard that helps enable simple and secure management of modern scalable platform hardware, as part of the [9th China Cloud Computing Conference \(CCCC\)](#) June 13-16 in Beijing. Hosted by the DMTF China Chapter, the International Cloud Computing Standardization Forum aims to introduce global cloud computing standardization achievements and future trends to the Chinese IT industry and its customers.

In addition to his participation in the International Cloud Computing Standardization Forum, Hilland will also present about Redfish during the Cloud Computing Core Technology Forum on June 15 as part of the overall CCCC program.

Also representing the DMTF are Vice President of Regional Chapters Michael Du (Lenovo), China Chapter Marketing Chair Guo Liang (China Academy of Information and Communications Technology), Forum Vice-Chair and China Chapter Chair Zhou Ping (China Electronics Standardization Institute (CESI) and China Chapter Vice-Chair Li Jie (China Academy of Information and Communications Technology).

DMTF China Chapter member companies participating in the Forum include - CESI, China Academy of Information and Communications Technology, Dell, HPE, Huawei, IBM, Inspur, Lenovo, Microsoft, Oracle and VMware.

CCCC, held June 13-16, is a platform for researchers and practitioners of cloud computing and big data from all sectors, including government, industry, academia, research and finance to share developing trends in technology and promote innovation and industrial development of Cloud Computing and Big Data.

Get Expert Redfish Advice in the User Forum

Did you know the experts behind DMTF's [Redfish® API](#) are available to answer questions from the public any time? In the [Redfish User Forum](#), you have direct access to the team responsible for the standard's development.

Available to members and non-members alike, the full-featured [Redfish User Forum](#) – with multiple message boards, search capabilities, etc. – provides a platform to discuss everything from service implementations to open source to feature requests. There is even an area dedicated to the Storage Networking Industry Association's (SNIA's) Redfish extension, Swordfish.

Continuing the DMTF's commitment to industry outreach and education, the Forum is open to all - a simple [registration](#) helps prevent spam. For more information on all of the resources dedicated to developers, also visit the DMTF's [Redfish Developer Hub](#).

Join the discussion in the [Redfish User Forum](#) today!

Upcoming Events

[9th China Cloud Computing Conference \(CCCC\)](#)

June 13-16, 2017
Beijing, China

[2017 Symposium on Usable Privacy and Security](#)

July 12-14, 2017
Santa Clara, California

[2017 USENIX Annual Technical Conference](#)

July 12-14, 2017
Santa Clara, California

[2017 DMTF Alliance Partner Technical Symposium](#)

July 24-28, 2017
Portland, Oregon

[26th USENIX Security Symposium](#)

August 16-18, 2017
Vancouver, BC, Canada

[2017 Storage Developer Conference](#)

September 11-14, 2017
Santa Clara, California

Click [here](#) for the latest information

DMTF Appoints New Board Vice-Chair

The DMTF Board of Directors recently appointed John Leung to serve as its Vice-Chair, a position that ensures the continuity of the organization should there be a temporary absence or disability of the Chair. Leung will assume the Vice-Chair role while also continuing to serve the organization as Vice President of Alliances.

A software and systems architect in the data center group at Intel Corporation, Leung has more than 34 years of experience in the computer industry architecting, designing and coding. He has been an active member of the DMTF since 2004 and contributes to many of the organization's Working Groups.

More information about the DMTF Executive Officers is available [here](#). Please join us in welcoming John Leung as our new Board Vice-Chair!

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.

Click Here to Get All the Latest News Delivered to Your Inbox!

Newsletter Feedback

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

Recent DMTF Specifications

[DSP0266_1.2.0 - Redfish Specification](#)

[DSP8010_2017.1 - Redfish Schema](#)

[DSP8011_2017.1 - Redfish Standard Registries](#)

[DSP0237_1.1.0 - MCTP SMBus/I2C Transport](#)

Upcoming Meetings



6/22 Board Meeting

7/24 Board Meeting

8/24 Board Meeting

Information about the DMTF and how to participate can be found at www.dmtf.org.

Contact us online [here](#).

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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