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#### INDUSTRY OUTREACH

##### **DMTF Presents at ETSI Workshop on Information Modeling for Network Functions Virtualization**

The DMTF participated in ETSI's Industry Specification Group for Network Functions Virtualization (ETSI NFV) ground-breaking workshop on aligning cloud-centric and network-centric initiatives to ensure successful realization of NFV through automation. The workshop, hosted by CableLabs in Louisville, Colorado, brought together leading Standards Development Organizations (SDOs) and Open Source communities in an 'NFV Village.'

DMTF's presentation included information and data modeling technologies (CIM, CIMI, OVF, Redfish, VMAN) and their applicability in managing Network

## **2015 Year in Review and Look to the Future with DMTF President Jeff Hilland and DMTF Board Chair Jon Hass**

As we cast a backwards glance over the past year, we see tremendous growth and accomplishment within the DMTF. Set upon the building blocks of the previous years, we continued to thrive as a relevant and vital organization hard at work.

The notable work of the past year speaks for itself. The **Scalable Platforms Management Forum** (SPMF) released the initial **Redfish** specification, an open industry standard specification and schema leveraging the OData definition of a RESTful interface that meets the expectations of end users for simple, modern and secure management of scalable platform hardware. This came on the heels of four Work In Progress deliverables released within months of the Forums creation. The Open Software Defined Data Center (OSDDC) Incubator released its **"Software Defined Data Center Definition 1.0,"** reviewing industry standards for the Software Defined Data Center (SDDC) and identifying use cases, definitions, and existing standards gaps, as well as possible architectures for the various implementations of SDDC.

Continuing its cadence of releases every four months, **Common Information**

#### FEBRUARY 2016

##### **Upcoming DMTF Meetings**



2/18 Board Meeting  
3/16-3/18 Board Meeting

##### **Upcoming Events**

[Container World 2016](#)  
February 16-18

[FAST '16](#)  
February 22-25

[The Green Grid Forum and Members Meeting 2016](#)  
March 6-8

[NSDI '16](#)  
March 16-18

**Save the Date!**  
[Alliance Partner Technical Symposium](#)  
July 25-29

##### **DMTF Webinars on BrightTALK**

**BrightTALK™**

DMTF webinars are

Function Virtualization infrastructure management.

Other participating organizations included 3GPP, ATIS, Broadband Forum, ETSI NFV, IETF, ITU-T SG 15, MEF, OASIS/TOSCA, Open Cloud Connect, ONF, OpenDaylight, OPNFV and TM Forum. The workshop resulted in an increased understanding of the challenges and opportunities in the development and adoption of various modeling approaches.

Learn more about NFV Infrastructure and how it applies to DMTF standards in this BrightTALK webinar in the DMTF [Learning Center](#) or by following this [link](#) to the DMTF website. For more information on the workshop [click here](#).

## Volunteer Spotlight

*Thank you to the outstanding members of the DMTF that keep our organization running strong!*

Congratulations to our new Working Group Chairs.

NSMWG Vice-Chair,  
John Parchem (DMTF fellow)

CADF Vice-Chair,  
Jacques Durand (Fujitsu)

## About DMTF



**Model (CIM) 2.45** was released just last month with additional releases on the horizon. The schema includes ongoing improvements to support DMTF Profiles and Management Initiatives. Working closely with DMTF alliance partner Storage Networking Industry Association (SNIA), this release specifically implements over 250 change requests, mostly focused on the final storage model classes. The adoption of **Cloud Infrastructure Management Interface (CIMI)** by the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) represented the continuing trend of the international adoption of DMTF standards. The **Platform Management Components Intercommunication (PMCI)** Working Group has done some great work over the past year including creating updates to Network Controller Sideband Interface (NC-SI) and Non-volatile memory express (NVMe) as well as support for Management Component Transport Protocol (MCTP). **SMBIOS 3.0** was also released; this new version now extends support for 64-bit architecture systems. The **Open Virtualization Format (OVF)** specification was updated to leverage synergies with CIMI while the **Cloud Auditing Data Federation (CADF)** created a profile for OpenStack -- demonstrating our ongoing collaborative work with open source efforts.

DMTF welcomed the OpenStack Foundation and the Open Compute Project (OCP) as Alliance Partners -- establishing **work registers** with each organization. The OpenStack work register describes joint interest in the CADF standard for cloud, while the OCP work register describes the Redfish standard for hardware management. Finally, the China Chapter announced the launch of its website, which includes translated DMTF content and specification documents. For the first

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

## Upcoming Webinar

**Modeling Systems Management Data the Redfish Way**

February 23  
9:00 a.m. PT

Check out the [Learning Center](#) for a full list of webinars available on-demand.

## Welcome New Members

[Insyde Software Corp](#)

[IBM](#)

## Recent Specifications

[CIM Schema v2.45.0](#)

[DSP0266\\_1.0.1 – Redfish API Specification](#)

## Receive Updates from DMTF in Your Inbox



Reading the DMTF newsletter online? Make sure you get all the latest news direct to your inbox - [sign up today!](#)

The DMTF is an industry standards organization working to simplify the manageability of network-accessible technologies through open and collaborative efforts by leading technology companies. DMTF creates and drives the international adoption of interoperable management standards, supporting implementations that enable the management of diverse traditional and emerging technologies including cloud, virtualization, network and infrastructure. The organization spans the globe with member companies and alliance partners from varied industry sectors, led by a board of directors from Broadcom Corporation; CA Technologies; Dell; Emerson Network Power; Hitachi, Ltd.; HPE; Intel Corporation; Lenovo; Microsoft Corporation; NetApp; Software AG; TIM and VMware, Inc.

### For More Information

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:

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time in the organization's 20-year history content and documents are now available in Chinese.

As we enter into 2016, we expect to build on the foundations laid in years past. **CIM** continues to be the cornerstone of standards such as Network Management Initiative, Storage Management Initiative (SMI-S) as well as **Systems Management Architecture for Server Hardware** (SMASH) and **Desktop and mobile Architecture for System Hardware** (DASH). We anticipate increased cooperation and renewed alignment with other Standards Development Organizations through additional **alliance partnerships** and collaboration with organizations like the SNIA and European Telecommunications Standards Institute-Network Function Virtualization group (ETSI-NFV). We're looking forward to more ground breaking work from the SPMF around Redfish, **Cloud Management Working Group** (CMWG) and other working groups within our organization. There is great potential to expand collaboration with the Open Source community and enhance our relationships with organizations such as Open Compute Project and OpenStack Foundation. DMTF will also continue to grow its global presence capitalizing on the reach of its members from 43 countries and local bodies in China and Japan.

As has been the case for more than 20 years, DMTF is the ideal forum for industry leading companies to come together in a non-competitive environment to collaborate on relevant interoperable management standards. The work of the past year shows that our efforts to lower process overhead and increase agility have truly paid off and will continue to do so in the coming year. The hard work and leadership of our members remains invaluable. If you are

### Newsletter Feedback

We welcome your input on what you'd like to see included here – just **Contact Us** online and share your suggestions!

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### Join us on LinkedIn!



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 2016 at [dmtf.org/join](https://dmtf.org/join). It is through this collective effort that we will continue to set the gold standard for management interoperability.

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