

DMTF



Newsletter

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IN OTHER NEWS**Recent Events**

The fall season brought several exciting and productive event opportunities for the DMTF. In October, the DMTF presented the [7th International DMTF Academic Alliance Workshop on Systems and Virtualization](#)

2013 Year in Review – DMTF President Jeff Hilland



January is the perfect time to look back over the previous year and revel in our accomplishments and hard work while looking forward to the

prospects of a New Year. We had many achievements, a few changes and several milestones to be proud of.

As an organization we have made it a top priority to make our work more open and accessible to members and non-members. This past year we have worked to increase visibility into working group activities for non-members through new working group web portals and we have released 23 works in progress prior to specifications becoming standards all in the name of being more open and accessible. Additionally, did you know that OpenStack's Ceilometer is based on open standards? The Ceilometer project implements the DMTF's Cloud Auditing Data Federation (CADF) standard as part of this latest OpenStack release. Implementation of CADF helps protect the investments of companies seeking to move their applications to cloud deployment models and preserve their ability to audit operational processes, regardless of their chosen cloud provider.

January 2014**Mark Your Calendar**

1/22/14 - DMTF webinar on BrightTALK "The Future of Virtualization Management: What to Expect for 2014"

2/12/14 - DMTF annual membership meeting

7/21-7/25/14 - 8th annual [Alliance Partner Technical Symposium](#)

Recent DMTF Specifications

[DSP1092 v1.0.0 - WBEM Server Profile](#)

[DSP0263 v1.1.0 - CIMI Specification](#)

[DSP0223 v1.0.2 - Generic Operations](#)

[DSP0207 v1.0.1 - WBEM URI Mapping](#)

[DSP0243 v2.1.0 - OVF Specification](#)

[DSP0200 v1.4.0 - CIM Operations Over HTTP](#)

Management (SVM), co-located with the International Conference on Network and Service Management (CNSM). The event took place in Zurich, Switzerland and featured seven presentations surrounding cloud, OpenSAF, open standards, and CIM. SVM also included a joint poster session with another workshop, an invited talk by a guest speaker, a keynote speech given by DMTF President Jeff Hilland, and closed with an informal interactive group discussion. You can peruse the presentations [here](#).

November brought us to [USENIX LISA](#) - the 27th annual Large Installation System Administration conference in Washington, D.C. The event is the oldest and largest conference for, and created by, system administrators. DMTF staff engaged in discussions with the LISA community about DMTF standards and technologies, making new connections and furthering our education and outreach. We participated in the event as an Industry Partner, a reflection of the long-standing relationship between the DMTF and USENIX.

Also in November the Systems Management Forum (SMF) hosted a DASH interoperability event at the headquarters of Broadcom Corporation, in Irvine,

The DMTF continues to expand its global outreach with the launch of our China chapter, which is helping to provide support for our growing international efforts and driving adoption of DMTF standards in the Chinese marketplace, including cloud management. We have formed partnerships with the China Communications Standards Association (CCSA) and the China Electronics Standardization Institute (CESI), the leading organizations involved in China's IT standardization work. The development of the China Chapter is another step forward in fostering DMTF's global standards. Combined with the work being done by the Japanese SC, this gives the organization an even greater worldwide presence. In that same vein, additions to our Board of Directors with Telecom Italia, Hitachi and Software AG are helping to drive DMTF's global presence.

In May, we announced the formation of the DMTF's Open Software Defined Data Center (OSDDC) Incubator. The Incubator is working to develop standard architectures and definitions to describe the emerging technology that is expected to revolutionize IT infrastructure in the coming years. While various management standards exist for physical, virtual and cloud-based systems, the industry is currently lacking standard architectures and definitions to describe the abstract, pooled resources of the Software Defined Data Center. Led by Broadcom, Cisco Systems, EMC, Fujitsu, Huawei, NetApp, Oracle and VMware, Inc., DMTF's OSDDC Incubator is currently developing a set of whitepapers, which will outline a clear definition and scope of the SDDC concept, including Use Cases, Taxonomy and Terminology, High-level Architecture and Standards Gap Analysis. For more information click [here](#).

We hosted the 7th annual [Alliance](#)

Upcoming Events



[NIST: The Intersection of Cloud and Mobility](#)

March 25-27, 2014

Gaithersburg, MD

As part of its continuing cloud computing series, the National Institute of Standards and Technology is hosting a new forum on Cloud and Mobility where DMTF Chair of the Board Winston Bumpus will be speaking on the panel "Lessons Learned in Mobility." Join experts in the fields of cloud, mobility, and measurement for thought-provoking plenary talks, panel presentations, facilitated breakout discussion, poster sessions, and networking.

[DMTF BrightTALK Webinars](#)



Join us Wednesday, January 22nd at 7am PT for "The Future of Virtualization Management: What to Expect for 2014," a live panel discussion featuring DMTF Chair of the Board Winston Bumpus. Visit DMTF's [BrightTALK channel in our](#)

Calif. DMTF member companies were invited to bring their management console software and tools or client systems that support the DASH Specification. This plugfest-style event focused on interoperability testing giving member companies the opportunity to ask questions about the DASH Conformance Program and the DMTF Certification Registry for conforming DASH products. Several companies including AMD, Broadcom, HP, Microsoft and WS participated in the event. Click [here](#) to learn more about the SMF.

2013 DMTF Star Awards Announced

DMTF is proud to announce the recipients of the **2013 Star Awards**, our annual acknowledgement to those members who have gone above and beyond their usual call of duty to contribute to the organization's success. Nominated by the Executive Committee and chosen by the Board of Directors, they are recognized for having dedicated their time and effort to help advance DMTF standards and initiatives. These awards serve as a token of our appreciation and gratitude to their continued dedication. Congratulations to this year's Star Award winners:

Partner Technical Symposium (APTS), held July in Portland, Ore. This unique event, where the top standards bodies meet and work together collaboratively for the good of the industry at large, was hosted by the DMTF and jointly sponsored by the **Storage Networking Industry Association (SNIA)**. APTS is an extension of the DMTF's **Alliance Partner Program**, which brings together the technical contacts charged with developing industry standards in a series of hands-on working sessions. APTS enjoyed strong participation from organizations including China Electronics Standardization Institute, Open Grid Forum, The Open Group, Storage Networking Industry Association, TeleManagement Forum, The Green Grid and Trusted Computing Group.

Throughout the year, we participated in a number of key events, including the **Microsoft Management Summit, Citrix Synergy, Open Data Center Alliance Forecast, VMworld**, and **USENIX LISA**. We also held our 7th International DMTF Academic Alliance Workshop on **Systems and Virtualization Management (SVM)** co-located with the International Conference on Network and Service Management in Zurich, Switzerland.

We re-launched the DMTF newsletter with all the latest news and updates from the organization in one place. Members and non-members alike seem to be enjoying this 'new' communication vehicle as we're seeing a steady stream of fresh subscribers.

Looking back on 2013, it has been a very good year with lots of great people doing exceptional work for the organization and the industry. We continue to work to improve our processes and tools to make our organization more effective.

We still have a lot of work to do, but it is an exciting time. I look forward to

[Learning Center](#) to pre-register for the event.

You can also access on-demand viewing of our recent live webinar titled, "DMTF Network Services Management Use Cases, Requirements and Management Profiles." This event was hosted by our Network Services Management Working Group chair Aleksandr Zhdankin of Cisco and featured panelists from the group.

2014 Membership Reminder

Just a friendly reminder that membership renewal time is quickly approaching. Keep an eye out for information in the next few months. We need your continued participation as we collaborate on the development, validation and promotion of infrastructure management standards.

Receive Updates from DMTF in Your Inbox



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

Upgraded Member

Mark Carlson - Oracle
Jacques Durand - Fujitsu
Kiichiro Onishi - Hewlett-Packard Company
John Parchem - Microsoft
Matt Rutkowski - IBM

DMTF Appoints Two New Fellows

For distinguished and significant contributions to the DMTF, the honorary title of [DMTF Fellow](#) is bestowed upon a select group of individuals each year. With the title comes the rights to participate in, vote and/or chair working groups of the DMTF. Fellows may also be appointed by the Board from time to time for their long-term distinguished service to the organization. We are proud to announce this year's Fellows:

Mark Carlson
John Parchem

Congratulations!

[Click here](#) for a full list of DMTF Fellows.

ODCA Honors DMTF with Leadership Awards



The steering committee of the Open Data Center Alliance (ODCA), a DMTF Alliance Partner, recently

working with you in 2014 for an even bigger and better year. Please contact me with any questions or comments at president@dmf.org.

2014 Look Ahead – DMTF Chair of the Board Winston Bumpus



A New Year brings not only excitement and a clean slate to work from but also a renewed sense of enthusiasm. The DMTF is delighted to kick off 2014 with a

host of new activities, initiatives and educational tools planned for the coming months. We are looking at a number of improvements and adjustments as we constantly grow and expand. We are exploring how we can better engage with the open source community, both external and internal to the DMTF, and are continuing to look at how we can make our processes even more open and accessible to our members and to the industry at large. These are important initiatives that will help our overall mission to improve and promote distributed systems management interoperability.

From a technical perspective you will see an emphasis in regards to the ongoing evolution of the data center to a more automated self-service model thus leveraging more of our standards in order to provide ease of management and improved interoperability. DMTF is also looking to make greater changes and improvements in network management as SDDC and SDN become a standard implementation in customer and cloud environments.

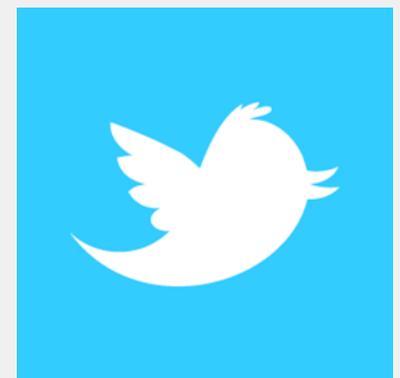
Access on Mobile Devices

The DMTF recently upgraded the mobile capabilities of the website to increase accessibility to member-only content areas. Check it out on your mobile device today!

Newsletter Feedback

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

Follow Us @DMTF on Twitter!



For More Information



See the [Join Us](#) area of our website to learn more about joining the DMTF. You can also [Contact Us](#) online or at:

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Distributed Management

announced that leaders within the DMTF will be honored with a Leadership Award for their ongoing, active involvement and outstanding contributions with regards to advancing the ODCA mission.

DMTF Chair of the Board Winston Bumpus, Vice President of Technology Hemal Shah, Vice President of Finance and Membership Chair Shishir Pardikar, and Chair of multiple DMTF working groups Larry Lamers were announced as recipients of the ODCA Leadership Award in recognition of their contributions to the proof of concept work around the ODCA VM Interoperability usage model and the DMTF OVF specification.

“We would like to thank the ODCA for this recognition,” said Bumpus. “The relationship between the ODCA and the DMTF is an important one and helps us align the DMTF’s work with real-world customer needs. We hope our joint collaboration on the VM Interoperability proof of concept will be just one of the many great collaborations between our organizations going forward.”

The organization is also poised to increase its global presence as we are planning to hold our first academic conference and meeting in South America in 2014 in the beautiful city of Rio de Janeiro, Brazil. Additionally, you will see an increased number of submissions of our important specifications to the international community for adoption and ratification.

The DMTF continually strives to improve and develop standards, whitepapers and interoperability programs, and is seen as the place for the industry to come together to work on these activities for the development, validation and promotion of infrastructure management standards. We appreciate your ongoing participation and contributions to this important work. To connect with me directly, please feel to email me at chair@dmtof.org.

CIMI 1.1 Released

We’re continually enhancing interoperability standards that will help move workloads in a standard way between data centers and the cloud. The DMTF’s **Cloud Infrastructure Management Interface (CIMI) Model** helps define what the scenarios are and provides interfaces to help with the integration of the different types of service providers. CIMI works with the **Open Virtualization Format (OVF) Specification**, which provides a way to package multiple machines and their requirements and can be exchanged with the cloud service and cloud service broker. We recently released CIMI Specification V1.1 based on implementation feedback.

From a standardization perspective, cloud service infrastructure management is the part of the cloud that can be simplified and have a hidden, common

interface. Once a connection is made and a resource instantiated, the functional interface (for example, a database) should connect directly to that resource to avoid the associated overhead and latency that would otherwise be introduced. CIMI focuses on Infrastructure as a Service (IaaS), as opposed to Platform as a Service (PaaS) or Software as a Service (SaaS), so users and brokers can move entire workloads.

The basic resources of IaaS (machines, storage, and networks) are modeled with the goal of providing consumer management access to an implementation of IaaS, and facilitating portability between cloud implementations that support the CIMI specification. CIMI specifies a Representational State Transfer (REST)-style protocol using HTTP, however, the underlying model is not specific to HTTP, and it is possible to map it to other protocols as well. As noted above, CIMI does not extend beyond infrastructure management to the control of the applications and services that the user chooses to run on the infrastructure, provided as a service by the provider.

As new platforms are being developed, this offers the opportunity to reduce the complexity of cloud management. Virtualization has enabled cloud services and now we can move the image, the operating system, and the application service as a single unit, which gives organizations the freedom to change their implementation according to their evolving business needs.

For more information on the CIMI 1.1 Standard click [here](#).

CDM Forum Launches New Conformance Test Suite



The CDM Forum recently launched a new

suite designed for conformance testing of CDM 1.0 and 2.0 implementations. You do not need to be a member in order to participate. The CDM 1.0 Conformance Test Suite (CTS) software is provided by the DMTF to industry leading vendors developing diagnostics within the DMTF DSP 1002 Standard version 1.0 and 2.0 using the CIM-XML protocol. If you would like more information on the CDM Conformance Program, or if your company is interested in testing its providers for CDM conformance, please contact the Conformance Program Administrator via [email](#) or [click here](#).

DMTF Continues to Progress Standards to International Community

DMTF holds the distinction of being one of only nine standards development organizations that have been recognized as a publically available specification (PAS) submitter allowed to directly take standards to the Joint Technical Committee 1 (JTC 1) of the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC). The organization is also a member of the International Committee for Information Technology Standards (INCITS) executive board, allowing submission of standards for American National Standards Institute (ANSI) then ISO approval.

Last month, the DMTF's PAS submitter status was renewed, extending the update term from the previous 2-years to a 5-years term. Currently, the organization is intending to submit two specs - CIMI and an update to WS-Man. DMTF is taking almost all of its externally facing standards to international standards, with each process taking about a year to complete. As a result, there are a significant number of specs

that are international standards, including OVF, WS-Man, SM-CLP and large portions of SMASH, DASH and VMan.

New DMTF Process Document for Working Bodies

In an effort to make DMTF process documents more accessible and user friendly, the Process Committee has merged two documents to create **DSP4014 version 1.0.1: DMTF Process for Working Bodies**. The document became effective on January 1, 2014. It defines the process governing DMTF documents and working bodies (Committees, Subcommittees, Working Groups, Forums and Chapters) and is published in HTML and PDF formats. The document supersedes **DSP4002 Version 2.11.0: Committee, Work Group, Forum and Chapter Process** and **DSP4004 Version 2.7.0: DMTF Release Process**.

DSP4014 represents a step forward in the simplification and openness of DMTF processes. We have combined the processes that affect most of our members into a single document and converted it to HTML to help our members in reading and searching the document. Since DSP4014 contains the information previously contained in DSP4002 and DSP4004, those documents became obsolete when DSP4014 went into affect.

DMTF Continues Global Expansion with the Addition of European Software Company to the Board



In the fall of 2013, the organization announced the addition of Software AG to the Board continuing to expand the organization's presence globally. Based in Darmstadt, Germany, with U.S. headquarters in Reston, Va., Software AG helps organizations achieve their business objectives faster through big data, integration and business process technologies. Further expanding DMTF's global presence in the IT industry, Software AG joins 16 other industry-leading technology companies from around the globe, including: Broadcom Corporation; CA Technologies; Cisco; Citrix Systems, Inc.; Fujitsu; Hitachi, Ltd.; HP; Huawei; IBM; Intel Corporation; Microsoft Corporation; NetApp; Oracle; SunGard Availability Services; Telecom Italia and VMware, Inc.

“Software AG products make extensive use of industry standards, and the DMTF's pioneering work in infrastructure management is something we're happy to contribute to and support,” said Prasad Yendlur, vice president & deputy CTO, Software AG. “In our new role on the Board, we look forward to sharing our expertise and helping accelerate the adoption of the DMTF's standards, particularly its crucial work in the cloud management space, including DMTF's Cloud Infrastructure Management Interface and Open Virtualization Format.”

“DMTF is excited to welcome Software AG to its Board of Directors,” said Winston Bumpus, chair of the board. “The company's global presence and leadership will be an asset, and their

commitment to furthering DMTF standards makes them an ideal board member to help continue the organization's worldwide momentum.”

Through the collaborative efforts of our board companies, the organization remains at the forefront of the development, validation and promotion of infrastructure management standards.

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