



Newsletter

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IN OTHER NEWS

DMTF Releases SPMF's Latest Work In Progress – Version 0.94



The DMTF recently released the [Scalable Platforms Management Forum's \(SPMF's\) Scalable Platforms Management API \(SPMA\) Specification, Schema, and Mockup, version 0.94](#), as [Works in Progress](#). In SPMA 0.94, industry feedback has been incorporated and previous versions of the standard have been converged for work going forward.

Designed to meet the expectations of end users for simple, modern and secure management of scalable platform

Join DMTF or Renew Your Membership Today

Membership application and renewal time is upon us! As we conclude the final quarter of our fiscal year, we take stock in work completed in 2014 and continue to build on that work in 2015. Thanks to the committed efforts of our leadership and members, the groundwork has been laid for great progress in the coming year.

- To align with today's rapid development cycles, the DMTF reorganized to increase the agility of work groups and expedite standards publication. DMTF process overhead is now the lowest of any recognized standards body, second to none.

- We created the Network Management Initiative (NETMAN), specifying manageability of network services thus complementing DMTF's existing work in compute and storage (with SNIA) manageability. We formed an alliance partnership with ETSI-NFV, enabling manageability of Network Function Virtualization. In 2015, these efforts will provide the compute, storage and network manageability required by the Software Defined Data Center (SDDC).

- We created Scalable Platforms Management Forum (SPMF), enabling a RESTful HTTP manageability interface for platforms -- meeting the needs of cloud service providers. Since initiating the work in September of 2014, we have published no less than seven work-in-

February 2015

Upcoming DMTF Meetings



3/18-19 Board Face to Face

3/18 Annual Member Meeting

3/ 16-17 SPMF Face to Face

4/23 Board Teleconference

Recent DMTF Specifications

[DSP0232_1.2.0 \(DASH Implementation Requirements Specification\)](#)

[DSP0134_3.0.0 \(System Management BIOS \(SMBIOS\) Reference Specification\)](#)

[CIM 2.43.0 \(CIM Schema\)](#)

Upcoming Events

[USENIX SREcon15](#)
March 16-17

hardware, SPMA 0.94 specifies a RESTful interface and utilizes JSON and OData to help customers integrate solutions within their existing tool chains.

Download version 0.94 of the SPMA Specification, Schema and Mockup on the [DMTF's Works in Progress page](#).

Industry Outreach

On December 5, 2014, China Electronics Technology Standardization Institute (CESI), Electronic Intellectual Property Center of MIIT, Guangdong Software Industry Association (GDSIA) and Hong Kong Cyberport Management Company hosted the **4th Annual China Cloud Computing Conference on Standards and Application and the 3rd Annual Hong Kong-Guangdong Cloud Computing Conference.**

Doctor Tian Zhong, **DMTF China Chapter** Technical Committee Chair, spoke about the DMTF and its accomplishments as well as membership opportunities. He spoke in great detail on the Cloud Infrastructure Management Interface (CIMI) and the application and scalability of the Common Information Model (CIM) and CIM to CIMI.

More than 100 companies with

progress releases with more on the horizon.

- DMTF published new work based on recent use cases of the Cloud Infrastructure Management Interface (CIMI). In addition, the Open Virtualization Format (OVF) working group published a new roadmap to include further cloud-based features and deliverables.
- The Open Software Defined Data Center (OSDDC) Incubator released a whitepaper providing an industry view of its current status and the future of SDDC.
- The release of the Cloud Auditing Data Federation's (CADF) Data Format and Interface Definitions 1.0. More than a format, the CADF standard defines a full event model that anyone can use to fill in essential data needed to certify, self-manage and self-audit application security in cloud environments.
- The DMTF developed new projects, specifically software -- complementing the development of standard specifications and allowing for future opportunities to contribute to and collaborate with Open Source efforts.
- Four DMTF Standards, VMAN, OVF, WS-MAN and SM CLP, are now recognized by the International Standards Organization (ISO) with six more currently in review.
- The DMTF published new versions of Common Information Model (CIM) Schema, Desktop and Mobile Architecture for System Hardware (DASH) specification, and System Management Architecture for Server Hardware (SMASH) specification – examples of DMTF's continued enhancements to its existing standards.
- The CDM Forum continues to create diagnostic instrumentation that enables integration of diagnostics into critical

Santa Clara, CA
Two days of highly technical topics focused around site reliability and production at scale.

USENIX NSDI '15

May 4-6, 2015

Oakland, CA

A high-quality, single-track forum for presenting results and discussing ideas that further the knowledge and understanding of the networked systems community as a whole.

DMTF Webinars on BrightTALK

BrightTALK™

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

Available On Demand

“The Benefits of DMTF Membership” presented by DMTF president, Jeff Hilland

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

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representatives from Hong Kong and South China attended the event. To learn more about the conference [click here](#).

About DMTF



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; Cisco; Citrix Systems, Inc.; Dell; Emerson Network Power; Fujitsu; Hitachi, Ltd.; HP; Intel Corporation; Microsoft Corporation; NetApp; Oracle; Software AG; Telecom Italia and VMware, Inc.

For More Information

Information about the DMTF's leadership, technologies and how to

management functions. Through CDM Conformance Programs, the CDM Forum is providing solutions for interoperability validation to help drive adoption and implementation of system diagnostics. (It is not required that Forum participants be DMTF members.)

DMTF membership offers front-line access to DMTF standards and the opportunity to participate in the process of defining standards and programs. The work of the DMTF is funded through membership dues that are among the most cost effective in the industry. We continue to be ideal forum for industry leading companies to come together in a safe, non-competitive environment to collaborate on relevant interoperable management standards.

To learn more about the benefits of membership, view our BrightTALK session presented by DMTF President Jeff Hilland in the [Learning Center](#). To join or renew, please visit the DMTF website www.dmtf.org/join. Have questions? Get answers by emailing admin@dmf.org.

DMTF Marks 20th Anniversary of SMBIOS with Significant 3.0 Release

DMTF recently announced the latest release of the premier standard for delivering management information via system firmware, [System Management BIOS \(SMBIOS\) Reference Specification, Version 3](#), which extends support for 64-bit architecture systems. Since its release in 1995, the widely implemented SMBIOS standard has simplified the management of more than two billion client and server systems.

For OS-present, OS-absent, and pre-OS environments, SMBIOS offers motherboard and system vendors a



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standard format to present management information about their products. By extending the system firmware interface, SMBIOS can be used with management applications that use the DMTF's Common Information Model (CIM) or another technology, such as SNMP. It eliminates the need for error-prone operations, such as probing system hardware for presence detection.

“As an organization, DMTF champions some of the most innovative new approaches in the industry, while maintaining its commitment to its roster of long-standing, respected standards,” said Jeff Hilland, president, DMTF. “We’re proud of SMBIOS and its broad support across the industry – the DMTF is committed to continuing to update SMBIOS as advancements in hardware dictate.”

Originally designed for Intel® processor architecture systems, SMBIOS now includes support for IA-32 (x86), x64 (x86-64, Intel64, AMD64, EM64T), Intel® Itanium® architecture, 32-bit ARM (Aarch32) and 64-bit ARM (Aarch64).

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