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Inside the Distributed Management Task Force is a monthly publication covering the Distributed Management Task Force and its member organizations.

## Message from the President: 15 Years of History

Having been with DMTF for most of its 15-year history, I have had the privilege of working with many of you who dedicate your time and your expertise to develop, test and promote interoperable management standards for our industry. Together we have made great progress and established DMTF as a world class organization. Over the years, we have made many improvements to the organization's processes and efficiencies, and will continue to evolve in the years ahead to meet our members' needs.

This year will mark the 10th anniversary of the [Common Information Model](#) (CIM), a cornerstone of our work. It is amazing to see all the implementations of CIM in millions of systems, including servers, storage, desktops, notebooks, operating systems, grids, virtualization technologies and more. I have often said that the most important factor for job satisfaction is to know that what you do matters. Looking back at all of the hard work you have put in, rest assured that what

### Upcoming Events

**September 10–13, 2007**  
[Storage Developer Conference](#)  
San Jose, California

**September 18–20, 2007**  
[Intel Developer Forum](#)  
San Jose, California

**October 23–24, 2007**  
[Systems and Virtualization Management Conference 2007](#)  
Toulouse, France

**November 27–30, 2007**  
[Gartner Data Center Conference](#)  
Las Vegas, Nevada

**December 3–6, 2007**  
[Management Developers Conference](#)  
Santa Clara, California

Be sure to visit the [DMTF Member Bulletin Board](#) to learn about more members-only discounts and vendor-sponsored events!

you do makes a difference and has changed the IT industry.

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## Welcome New Members

[Attachmate](#)



## For More Information

[DMTF Membership](#)  
503.220.1655 (main line),  
503.296.2432 (fax) or visit  
the [DMTF Web site](#).

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## Message from the President: 15 Years of History – cont'd

We have come a long way, and we have more to do going forward. As DMTF hosts its first ever Academic conference this year in October, we are enabling a new generation of standards innovation. By year end, our first standards may very well be formally recognized by ANSI and ISO. We are working more closely than ever with our Alliance partners to collaborate more effectively. By joining forces to develop an open standards framework for end-to-end distributed management, we are helping companies control costs, manage complexity and optimize technology investments today while providing flexibility and scalability for tomorrow's needs. Working together, we in the DMTF are making a crucial difference.

Sincerely,

Winston Bumpus  
DMTF President

## Now Available: CIM 2.16 and Profile Registration Profile

### CIM Schema 2.16

DMTF recently made available the next release of [Common Information Model](#) (CIM) Schema, version 2.16. CIM 2.16 is available for download on the [DMTF Web site](#).

Members will see several new significant changes throughout CIM 2.16, such as improvements to security modeling, as well as improvements to support indications and to power and cooling. In addition to these major changes, there are ongoing improvements to the schema to support DMTF Profiles and Management Initiatives, specifically changes to support Virtualization, PCI Devices, KVM Redirection, LED Modeling and Sensor Updates. Contributions to the CIM schema have been made possible through the DMTF Alliance Partnerships with the Storage Networking Industry Association (SNIA) and the Open Grid Forum (OGF).

### Profile Registration profile

DMTF released the Profile Registration profile ([DSP1033](#)) as a final standard. DSP1033 is the foundation for CIM profile-based management. Every concrete DMTF management profile requires that the Profile Registration profile be used to promote implementation. The target audience for this specification is implementers who are developing products that publicize management information using CIM or consumers of CIM-based management information.

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## Preliminary Specs for Member Review

### Platform Message Registry Spec

A preliminary release 1.0.0b of the Platform Message Registry spec (DSP8007) has been announced. The goal of the new spec is to provide a standardized definition of Alert Indication message content that CIM-based management instrumentation can send to subscribing applications to represent hardware events that have occurred.

### UML Profile for CIM Spec

DMTF has announced a preliminary release 1.0.1a of the UML profile for CIM ([DSP0219](#)), which was prepared by the DMTF Architecture Working Group in collaboration with the Object Management Group (OMG) under the alliance between DMTF and OMG. DSP0219 defines how CIM models are represented in UML 2.1 and enables UML 2.1 tools to be used with such CIM models to define them or develop them further.

### MCTP PCI Express VDM Transport Binding

DMTF issued a preliminary release 1.0.1a of [Management Component Transport Protocol](#) (MCTP PCIeVDM Transport Binding Specification), or [DSP0238](#), which was prepared by the PMCI Subgroup of the Pre-OS Working Group. DSP0238 aims to define a MCTP transport binding for PCI Express® using PCIe® Vendor Defined Messages (VDM), and enables MCTP-based communications within a platform using PCI Express as a physical medium.

### MCTP IDs and Codes Spec

The PMCI Subgroup of the Pre-OS Working Group also prepared a preliminary release 1.0.1a of MCTP IDs and Codes ([DSP0239](#)). DSP0239 provides a consolidated list of major IDs and codes used across the MCTP base protocol and transport binding specifications.

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## Newsletter Name Suggestions

We invite you to submit suggestions for renaming the DMTF newsletter. Please send your suggestions to us via email at [press@dmtof.org](mailto:press@dmtof.org). Some of the name ideas so far include the following:

- CIMformation
- DMTF Network
- DMTF Top Topics
- DMTF Broadcast
- DMTF on the Air

Once we have gathered your suggestions, the editorial team will narrow the options and invite members to vote on the top three choices. The new name will be revealed in an upcoming issue.

## Call for Contributors

DMTF invites you to contribute to your newsletter. DMTF welcomes letters to the editor, topic suggestions and other contributions. If you would like to participate, email us at [press@dmtof.org](mailto:press@dmtof.org).

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## Featured Q&A

### Question:

How is the DMTF's work produced?

### Answer:

The DMTF is led by:

- Board of Directors, which is responsible for establishing direction and strategies for the organization and the standards it delivers
- Technical Committee, which oversees the Work Groups to develop and document the DMTF's standards
- Marketing Committee, which directs the DMTF's overall industry marketing and communications efforts
- Interoperability Committee, which supplements the resources of the DMTF so that multi-vendor implementations of DMTF technology can be compatible in the industry.

The committees collaborate closely with all DMTF members, particularly active members of the Work Groups.

## Feature: Open Grid Forum and DMTF

The DMTF continues its aggressive work in the area of grid computing. We are spotlighting our relationship with the [Open Grid Forum](#) (OGF) as it prepares for [the 21st Open Grid Forum](#) (OGF21) on October 15-19. At OGF21, the global grid community will gather to develop grid standards, showcase real-world applications, discuss practical challenges to grid application and infrastructure deployment, hold workshops on enterprise and eScience best practices, and present business case studies and solutions.

OGF is a community of users, developers and vendors leading the global standardization effort for grid computing. The OGF community consists of thousands of individuals in industry and research, representing more than 400 organizations in more than 50 countries. Together they work to accelerate adoption of grid computing worldwide because they believe that grids will lead to new discoveries, new opportunities, and better business practices. The organization formed with the merger of the Enterprise Grid Alliance (EGA) and the Global Grid Forum (GGF), both former Alliance Partners of DMTF.

The DMTF continues to work with OGF to ensure that grid service standardization is being cross-leveraged in the DMTF's CIM and WBEM standards, and that CIM Schema definitions are being utilized and extended by OGF.

## Feature: Mark Carlson, VP of Alliances

We work closely with affiliated industry organizations to encourage participation in the development of DMTF standards.

In keeping with DMTF's efforts to bring members of the world's technology industry together to collaborate in all aspects of distributed management specification development and refinement, the DMTF Alliance Committee is hosting the upcoming [Systems and Virtualization Management Conference 2007](#) (SVM 2007). This inaugural Academic Alliance workshop will be held Oct. 23-24, 2007, in Toulouse, France, at the IRIT laboratory located within the campus of the Paul Sabatier University. The workshop is dedicated to academic research on standards and new technologies for systems and virtualization management, and has an impressive line-up of academic and industry speakers who are ready to tackle the industry's most pressing needs.

Systems management has recently seen growing interest in virtualization technology and the need to manage the virtualization of server, storage and network resources. The goal of SVM 2007 is to illuminate related standards and research issues.

If you have any comments or input for VP of Alliances, please feel free to contact me [here](#).

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## See our VP of Technology at SDC

Register now for the [2007 Storage Developer Conference](#) to be held September 10–13 in San Jose, California. Hosted by the Storage Networking Industry Association (SNIA), the three-day event will focus on the issues important to storage developers, architects and engineers.

[Jeff Hilland](#), DMTF Vice President of Technology, will present on Tuesday, September 11: "Overview of DMTF Technologies for Storage Development."

- DMTF technology overview on DASH, SMASH and CDM
- Traditional DMTF work areas such as Protocols, Profiles and Operations
- Emerging DMTF standards in embedded environments, such as Platform Management Controller Interface (PMCI), Low Level Data Model (PLDM), and the Network Controller Sideband Interface (NC-SI).

To increase awareness for interoperable management initiatives and standards, DMTF will participate in the SDC showcase. DMTF members may take advantage of a 20% discount on conference passes. [Click here](#) to access the members-only priority registration code!

## DMTF at Fall IDF

Register now for the [Fall Intel Developer Forum \(IDF\)](#) to be held September 18–20 at Moscone Center West in San Francisco, California. DMTF will be among the 170 leading companies from around the world to showcase the newest innovations and future technologies at the three-day event.

Launched 10 years ago, IDF began as a single conference focused on advancing PC platform technologies, and is now internationally attended by approximately 15,000 technology experts annually in China, the United States and Taiwan. IDF is Intel Corporation's showcase for implementers and developers, business executives, and industry technology decision makers and influencers.

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## Quote of the Month

**EU Commissioner Erkki Liikanen:** "Open standards... help create interoperable and affordable solutions.... They also promote competition by setting up a technical playing field that is level to all market players. This means lower costs for enterprises and, ultimately, the consumer." (*World Standards Day, Oct. 14, 2004*).

## Member Feedback Welcomed

**Talk back:** We are redesigning our newsletter and welcome your input.

Please send any comments or suggestions to [press@dmtof.org](mailto:press@dmtof.org).

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## Podcast featuring Winston Bumpus

When Winston Bumpus, DMTF president, presented at NGDC last month, SearchDataCenter.com sat down with him to talk about the SMASH Initiative.

[Click here](#) to listen to Winston's podcast.

## Registration and Schedule Now Available for MDC

[Registration](#) is now open for the third annual [Management Developers Conference](#) (MDC), which will be held December 3–6 at the Santa Clara Marriott in Santa Clara, California. The [schedule](#) has also been posted to the MDC Web site. Included with the schedule is information on University Day Packages, which are intense one-day training sessions designed to provide engineers enough information to get started with the design and development of WBEM-enabled (CDM, SMI, SMF, etc.) products. [Register now](#) for MDC University, as these courses have sold out in previous years.

DMTF is a sponsor of MDC, which trains and educates software developers about the evolving technologies for developing and deploying enterprise management solutions, including [CIM](#), [WBEM](#), [SMASH](#), [DASH](#), [CDM](#) and [WS-Management](#).

## Member Survey Results: Key Management Areas

In this series, the DMTF continues to report on findings from its annual member survey conducted in January 2007. More than 150 members responded at length to our survey. We asked the members to tell us what the most important management areas were for their company.

	Monitoring	Manual Configuration	Automated Configuration
Server Management	75%	46%	80%
Storage Management	71%	47%	69%
Application Management	65%	39%	60%
Utility Management	62%	41%	59%
Security Management	70%	48%	57%
Network Management	68%	38%	69%
Database Management	67%	37%	48%