



Management Matters this month:

FEATURES

- [Message from the President: DMTF Grows Up](#)
- [Membership Renewal Campaign Starts](#)
- [Profiles and Specs Now Available](#)
- [How Do I Unsubscribe from a DMTF Group?](#)
- [Alliance Partner Feature: CompTIA](#)
- [Spotlight on the Interoperability Committee and DMTF Forums](#)
- [Technical Training Opportunities](#)

EVENTS

- [Register for the 2008 Alliance Partner Technical Symposium](#)
- [DMTF at the Microsoft Management Summit](#)

REGULARS

- [2008 Member Survey Results: Key Management Areas](#)
- [Quote of the Month](#)
- [Call for Contributors](#)
- [Member Feedback Welcomed](#)

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

Message from the President: DMTF Grows Up

By Winston Bumpus, DMTF President

In January 2008, the DMTF Server Management Command Line Protocol (SM CLP) specification ([DSP0214](#)) was officially adopted as an American National Standards Institute ([ANSI](#)) standard. This noteworthy achievement is the result of a year-long effort by many DMTF members. On behalf of the board of directors, I'd like to thank everyone who contributed to this effort.

The now-ANSI standard is currently available for purchase as ANSI InterNational Committee for Information Technology Standards ([INCITS](#)) 438-2008.

The acceptance of the SM CLP specification as an ANSI standard is an important milestone because it paves the way for the standard to become an International Standards Organization ([ISO](#)) standard. This is just the first of many standards DMTF

Upcoming Events

March 25-28, 2008
[2008 DMTF Alliance Partner Technical Symposium](#)
San Jose, California

April 28-May 2, 2008
[Microsoft Management Summit](#)
Las Vegas, Nevada

Watch this space for [other DMTF events](#)

For More Information

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

Editorial Staff

plans to take on this journey.

On another high point, DMTF went through a major reorganization in February to enhance the workflow within the organization. During the February 13 joint Board meeting with the Technical Committee, the DMTF Board approved the newly revised DMTF Committee, Working Group, and Forum process document ([DSP4002](#)). This new process document and the associated organization changes have dramatically restructured DMTF to allow us to scale to meet our growing activities.

Another major milestone occurred on February 14. The U.S. Environmental Protection Agency ([EPA](#)) released the requirements currently being investigated for [Energy Star](#) servers for 30-day review. This is a key achievement as the power management technology being investigated in this draft is our very own DMTF Systems Management Architecture for Server Hardware (SMASH – [DSP0217](#)) and its associated specifications. This, if adopted as a component of EPA's Energy Star Program for servers, would be a public acknowledgment of how all our hard work not only benefits our companies and our customers, but may actually provide an important positive impact for our environment and our children's future.

In my history with the DMTF over these past 15 years, I have seen the organization grow in breadth and depth. These latest activities and changes are a sign that this organization and our work is maturing. These are exciting times and milestones. I believe our work now is more important and more relevant than ever. Thank you for joining us!

Please contact me with any questions or comments at president@dmtof.org.



Winston Bumpus
DMTF President

[Next page...](#)

[Page 1](#) | [Page 2](#) | [Page 3](#) | [Page 4](#) | [Page 5](#)
[Newsletter Home](#) | [DMTF Home](#)

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FEATURES

Membership Renewal Campaign Starts

Your hard work and dedication as a DMTF member has enabled us to make great progress this year in our mission to lead the development and promotion of IT resource management standards across enterprise and Internet computing environments. Highlights from 2007 include:

- More initiative plugfests and demonstrations
- New technical work for [virtualization](#) and [CMDB federation](#)
- Increased awareness among end-users, as well as industry media and analysts
- Accreditation by the American National Standards Institute ([ANSI](#)), and in the future the International Organization for Standardization ([ISO](#)) for the Server Management Command Line Protocol ([SM CLP](#)) specification.

In addition, we continue to strengthen bonds with other standards organizations through our [Alliance Partner](#) initiatives. Last year, we launched our inaugural annual [Academic Alliance conference](#). We've also formed alliances with new globally-charged associations, such as [The Green Grid](#).

These committed endeavors have positioned DMTF for an even stronger 2008. We hope you plan to renew your membership soon to continue contributing to the success of DMTF.

As a friendly reminder, the 2008 DMTF membership year begins on April 1, and your renewal is due on that date. The four base membership [categories](#) (Leadership, Participation, Monitoring and Sponsored) have not changed this year, although we encourage you to consider upgrading your 2008 base membership level to take advantage of the higher level [benefits](#). In addition to your selected base membership level, the DMTF also offers memberships to Forums. [Forum membership](#) is optional, and each Forum sets its own membership fees and entitlements.

Please note that your DMTF primary representative has recently been contacted to renew your company's membership to the organization. We urge all DMTF members to ensure that your company selects the right level of membership for participation, so that you receive maximum membership benefits and entitlements. Many times, your primary DMTF representative may not be aware of all your company's activities within the DMTF organization, so we encourage you to inform your representative of your efforts and needs.

If you have any comments or input for VP of Membership, please feel free to [contact Wayne Adams](#), VP of Membership. You may also review the [DMTF membership levels](#) and [forum memberships](#).

Profiles and Specs Now Available

DMTF recently issued the **Sensor Profile** as a 1.0.0 final release. [DSP1009](#), which was prepared by the Server Management Working Group ([SMWG](#)), extends the management capabilities of referencing profiles by adding the capability to represent sensors. The sensor's relationship with devices and the profile's registration for the schema implementation version information are also described.

Another profile that was recently released by DMTF was the **Physical Asset Profile**. [DSP1011](#), which was also prepared by the SMWG, extends the management capability of the referencing profiles by adding the capability to describe the physical aspects of logical elements that the implementation is instantiating. The profile also describes the relationship between the physical elements and the profile's registration for the schema implementation and version information.

DMTF also released the **System Memory Profile** as a final profile. [DSP1026](#), extends the management capabilities of referencing profiles by adding the capability to represent the total memory available to the system. The memory's relationship with the memory's physical aspects, the managed system that uses the memory, and the profile's registration for the schema implementation version information are also described.

A preliminary release 1.1.0a of the **Power Supply Profile** has been issued by DMTF. [DSP1015](#), which was prepared by the SMWG, extends the management capabilities of referencing profiles by adding the capability to represent power supplies for manageability and describe power supplies in a redundant configuration. The power supply as a logical device is modeled as referencing the power supply physical package for physical asset information and profile versioning for the schema implementation version information.

*Please note: this notification constitutes a call for Implementation Experience and Essential Patent Rights for the previous specifications.

[Next page...](#)

[Page 1](#) | [Page 2](#) | [Page 3](#) | [Page 4](#) | [Page 5](#)
[Newsletter Home](#) | [DMTF Home](#)

Send us your [comments and contributions](#) regarding *Management Matters*

How Do I Unsubscribe from a DMTF Group?

If you are a part of a DMTF group (which is any committee, sub-committee, working group, etc.), each of these groups has a mailing list. Various actions may trigger email to be sent to this list (uploading documents, adding events, and sending email to the group mailing list).

Group members can now unsubscribe themselves from the group mailing list. You will remain on the group roster, but will no longer receive email from the group. Remaining on the group roster means you will still have access to the group, including the email tab so you can review group message history.

Unsubscribing is different from removing yourself from a group, which takes you off the roster and removes access to the group, in addition to unsubscribing from the group mailing list.

There are three easy ways for Group members to unsubscribe or manage their group mailing lists subscriptions:

1. From the "My Info" page
2. From the "Email Messages" pages.
3. From the "My Subscriptions" page

Unsubscribed users can also re-subscribe to the list at their convenience.

DMTF members can access [additional details on unsubscribing](#) (members only) from a DMTF group.

Alliance Partner Feature: CompTIA

The Computing Technology Industry Association ([CompTIA](#)) and DMTF have been collaborating since 2002 in the areas of diagnostics, warranty service, trouble ticketing and service incident management, utilizing the DMTF's Common Information Model ([CIM](#)) to provide standards and automated diagnostic processes to troubleshoot computer systems.

The purpose of this [Work Register](#) is to provide a channel for DMTF to receive requirements and design input, as well as implementation feedback from CompTIA – regarding managing and invoking diagnostics, exchanging help desk information, and processing service incidents.

Representing more than 18,000 member companies within the international technology community, CompTIA's goal is to provide a unified voice, global advocacy and leadership for its members, and to advance industry growth through standards, professional competence, education and business solutions. The mission of CompTIA's services and service section is to help its members stay competitive and profitable by providing vendor-neutral standards in certification, ecommerce, customer service and workforce development to meet industry wide challenges.

For more information on CompTIA, [click here](#).

Spotlight on the Interoperability Committee and DMTF Forums

The DMTF [Interoperability Committee](#) is chartered to deliver conformance, certification, and educational programs via the Forums that will enable the DMTF member companies to become conformant to and interoperable with the Common Diagnostics Model ([CDM](#)), Desktop and mobile

Call for Contributors

DMTF invites you to contribute to *Management Matters*. DMTF welcomes letters to the editor, topic suggestions and other contributions. If you would like to participate, email us at press@dmtof.org.

Architecture for System Hardware ([DASH](#)), and Systems Management Architecture for Server Hardware ([SMASH](#)) specifications. In the future, it is expected that virtualization will become an integral part of the program as well.

Much of the DMTF's interoperability work is handled by Forums – groups dedicated to a specific objective. Currently chartered DMTF Interoperability Forums are:

[Continued on the next page...](#)

[Page 1](#) | [Page 2](#) | [Page 3](#) | [Page 4](#) | [Page 5](#)
[Newsletter Home](#) | [DMTF Home](#)

Send us your [comments and contributions](#) regarding *Management Matters*

Quote of the Month

Donald Harbison of IBM, speaking to *ZDNet UK* in his role as co-chair of the OASIS ODF Adoption Committee, said that governments around the world should contemplate adopting open standards:

"Open standards ensure flexibility for government information technology solutions and infrastructure, increasing technology options for citizens and users," said Harbison.

"Implementers can easily configure information systems and procure technology from a wide variety of vendors at best value price points, helping (IT professionals) to adapt to ever-changing requirements and procedures."

Spotlight on the Interoperability Committee and DMTF Forums – Continued

- [CDM Forum](#): The Common Diagnostics Model Forum is dedicated to uniting the computer industry on a single interoperable interface to all system diagnostics. Part of the DMTF's Common Information Model ([CIM](#)), the CDM specification is widely used throughout the industry to evaluate the health of hardware systems in multi-vendor environments.

In 2007, the CDM Forum was busy at work: developing the infrastructure and tools for CDM Conformance testing; creating a working draft of CDM Self-Certification program; increasing industry promotion for CDM adoption; and working towards an industry available CDM Software Developer's Kit (SDK) to accelerate the adoption of CDM. This coming year, the CDM Forum hopes to: establish the CDM Forum CDM conformance/certification program; deliver an Industry available CDM SDK; and host a CDM plugfest (late 2008) and CDM marketing/analyst event (early 2009).

- [System Management Forum](#): The System Management Forum (SMF) develops and implements programs for verifying compliance of software and hardware that implement DMTF system management standards. This includes the DASH and SMASH Initiatives.

SMF also organizes plugfests to demonstrate the interoperability of participating companies' products. These plugfests ensure the quality of the conformance program and provide a checkpoint with the industry on the state of interoperability among leading DASH and SMASH implementers. In 2007, SMF hosted several events, including a DASH plugfest at the [2007 DMTF Alliance Partner Technical Symposium](#), and demos that showcased implementations based on DASH, SMASH and related tools at the [Management Developers Conference](#).

On March 3–5, SMF will host a DMTF-private plugfest, which is open to only DMTF members, at the SNIA Technology Center in Colorado Springs, Colorado. Full details and guidelines describing the plugfest may be obtained from the SMF co-chairs at smf-leadership@dmtof.org.

EVENTS

Register for the DMTF Alliance Partner Technical Symposium

Registration is now open for the 2008 [DMTF Alliance Partner Technical Symposium](#), held March 25–28 at the Dolce Hayes Mansion in San Jose, California. Sponsored by the Storage Networking Industry Association ([SNIA](#)), and led by Mark Carlson, DMTF vice president of alliances, the symposium [agenda](#) will focus on technical topics and joint work between each of the DMTF's [Alliance Partners](#).

A few of the [session opportunities](#) at the technical symposium are still available for attendance and are on a first-come, first-served basis. [Click here](#) to register for the event today (registration is free), and look

forward to getting the inside track of the work going on in SNIA, DMTF and its Alliance Partners. For more details on the technical symposium, [click here](#).

In conjunction with the symposium, DMTF will also hold a Green Summit on Tuesday, March 25. The Green Summit is the first technical summit of the multiple organizations collaborating to manage the power and cooling aspects of data center equipment through standard models and interfaces. This day-long summit will include presentations from each group and include time for creative discussions and organization of further collaboration. On Wednesday, March 26, DMTF will host its annual Alliance Partner business meeting and dinner.

DMTF at the Microsoft Management Summit

DMTF is proud to again sponsor the [2008 Microsoft Management Summit](#) (MMS), held April 28–May 2 at the Venetian Hotel in Las Vegas, Nevada. The theme of this year's event is Integrate IT, reflecting the increasingly complex world of IT management and the key role integration has to play in reducing complexity while maximizing flexibility, availability and performance.

Sessions, speakers and industry experts during MMS 2008 will focus on how the latest wave of management solutions support the following:

- Integration with your business objectives
- Integration across your IT disciplines
- Integration between your management products and technologies
- Integration across platforms and vendor boundaries

This year's event will once again offer more than 100 technical breakout sessions covering a broad range of management topics. Attendees will have opportunities to meet presenters and discuss session content informally during Q&A and Chalk Talk sessions and more than 9,000 Hands-On Labs.

[Click here](#) to view the conference agenda and to access registration information.

[Next page...](#)

[Page 1](#) | [Page 2](#) | [Page 3](#) | [Page 4](#) | [Page 5](#)
[Newsletter Home](#) | [DMTF Home](#)

Send us your [comments and contributions](#) regarding *Management Matters*

Member Feedback Welcomed

We are continually improving our newsletter and welcome your input. Please send any comments or suggestions to press@dmtof.org.

Technical Training Opportunities

DMTF members are encouraged to take advantage of technical training courses being offered by our alliance partner – the Storage Networking Industry Association ([SNIA](#)). Current course offerings include the Common Information Model ([CIM](#)), Web-Based Enterprise Management ([WBEM](#)), and Common Management Provider Interface (CMPI) topics. Additional courses are planned to include the Common Diagnostic Model ([CDM](#)), Desktop and mobile Architecture for System Hardware, ([DASH](#)), Systems Management Architecture for Server Hardware ([SMASH](#)), Storage Management Initiative (SMI), and [WS-Management](#). These courses are designed to deliver high impact training from industry experts in order to accelerate adoption of DMTF standards based management technologies, and shorten your standards based products time to market.

To check out the initial 2008 course offerings, [click here](#). The course "SMI Development Using CMPI" will take place from March 18–20 at the SNIA Tech Center in Colorado Springs. On April 16–18, the course "Understanding CIM and WBEM" will take place in the same location.

REGULARS

2008 Member Survey Results: Key Management Areas

DMTF recently completed the 2008 membership survey, which was conducted during DMTF's 2007 fiscal year. Thanks to all members who completed the membership survey. Your feedback is pivotal to the continued growth and success of DMTF, and will help the organization set priorities and allocate resources. The input garnered from the survey will be used to identify how our technical, marketing and interoperability programs can better meet the needs of our members going forward.

This month, we will begin to unveil the results from the 2008 DMTF membership survey, which was completed by about 147 DMTF members. One of the questions we asked the members was to select the most important management areas for their company.

Most Important Management Areas for Member Companies	
Application Management	22.1%
Cluster Management	11.5%
Database Management	4.8%
Desktop and Mobile Management	31.7%
Network Management	23.1%
Security Management	20.2%
Server Management	55.8%
Storage Management	34.6%
Virtualization Management	54.8%
I Don't Know	8.7%
Other	1.9%