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

Message from the President: Working Together

By Winston Bumpus, DMTF President

DMTF's main purpose is to collaborate and develop interoperable management standards for the good of our customers and the industry. Over the years, we have successfully created many specifications and white papers in this collaborative development paradigm. Several years ago, we realized that other industries organizations could build upon our technologies to help their efforts to develop specifications in their domain.

Nearly 10 years ago, in August of 1998, DMTF developed an [Alliance Partner](#) program and invited [The Open Group](#) to be our first Alliance Partner. Over the years, we have formed many

Upcoming Events

June 23–27, 2008
[Burton Group Catalyst Conference](#)
San Diego, California

July 21–23, 2008
[Enterprise Architecture Practitioners Conference](#)
Chicago, Illinois
*Alliance Partner Event

August 4–7, 2008
[Next Generation Data Center](#)
San Francisco, California

September 22–25, 2008
[Storage Developer Conference](#)
Santa Clara, California

October 21–22, 2008
[DMTF's Systems & Virtualization](#)

alliances to increase the use of our technology and to expand the areas which use them. The program has helped our technology to be realized in areas such as storage, grids, printers, telephony, and security. Now with our most recent alliance with [The Green Grid](#), our technologies are being evaluated for use in data center power management.

Our alliances are important to the success of the DMTF mission. Like any successful relationship, it requires good cooperation, communication, and most importantly it requires taking the time to listen well to the partner.

Recently, we held our annual [Alliance Partner Technical Symposium](#) (APTS) in San Jose, Calif., under the guidance of Mark Carlson, our VP of Alliances. It was a great opportunity to share the work we are doing and find ways we can improve how we work together. Several of these proposed improvements are already underway, and I expect more in the coming months. Last year, there was a request to enable work submitted to DMTF to have the ability to recognize the submitting organization in the released specification. That process is now in place.

This year, we'll take our collaboration to a new level as we address the issue of how to federate a partner's work to ours. We are committed to solve that problem before we meet again. Other good suggestions were discussed at APTS 2008, such as the creation of a common calendar for our events to reduce schedule conflicts and to create better synergy for our events.

As our specifications mature and new technologies emerge, it will become increasingly important to work together as an industry. Our Alliance Partner program is an effective tool that allows us to continue to improve the dialogue with our partners and find better ways of working together.



Winston Bumpus
DMTF President

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[Management Event](#)
Garching, Germany

November 7-11, 2008
[Management Developers Conference](#)
Santa Clara, California

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](#).

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Welcome New Members

[Parallels](#)



FEATURES

Feature: Mark Carlson, VP of Alliances

By Mark Carlson, VP of Alliances

DMTF highly values working collaboratively with affiliated industry organizations, and encourages the participation of standards definition organizations in the development of DMTF standards.

Last month, DMTF jointly hosted the third annual [Alliance Partner Technical Symposium](#) (APTS) with the Storage Networking Industry Association ([SNIA](#)) to accelerate coordination of the latest work from all DMTF Alliance Partners. The four-day event included meetings to address the technical work of interest to each of DMTF's [Alliance Partners](#). Together we worked to divide and conquer the issues in the enterprise, especially those in systems and storage management domains.

We were also pleased to host the inaugural Green Summit in conjunction with APTS, which included participation from SNIA's Green Storage Technical Working Group and [The Green Grid](#). The Green Summit was the first technical summit in which multiple organizations collaborated to manage the power and cooling aspects of data center equipment through standard models and interfaces. The day-long summit involved presentations from each group and included creative discussions of further collaboration. With a successful first summit under our belt, we hope to host another Green Summit in 2009.

With increased participation this year, APTS 2008 proved to be a very successful event. On behalf of DMTF, I would like to extend my appreciation to SNIA for being the primary sponsor for APTS, and I would also like to thank everyone who helped make this event a success. We look forward to hosting APTS 2009 in San Jose during the March time frame again.

Looking ahead, we have been working diligently to plan the second international DMTF Academic Alliance workshop on Systems and Virtualization Management ([SVM08](#)). The theme for this year's workshop is standards and new technologies, and will take place in Munich, Germany, on October 21-22. The goal of SVM08 is to illuminate standards and research issues in areas such as: the implication of virtualization on distributed systems management; advances in information models and protocols aid in managing virtualization; problems incurred when managing virtualized systems and services; and how management itself might benefit from virtualization.

I am thrilled with all the work that has been done within the Alliance Committee, and encourage you to learn more about the synergistic DMTF Alliance Partner work registers [here](#). If you have any comments about the DMTF Alliance Committee or the Academic Alliance program, please feel free to contact me at vp-alliances@dmtof.org.

Alliance Partner Feature: The Open Group

This month we spotlight DMTF Alliance Partner [The Open Group](#), a vendor and technology-neutral consortium that is dedicated to enabling access to integrated information within and between enterprises based on open standards and global interoperability. The consortium's global membership represents both commercial and government enterprises: Capgemini, Fujitsu, Hitachi, HP, IBM, NEC, US Department of Defense, NASA, and many others.

DMTF and The Open Group have [collaborated](#) for a number of years to advance multi-vendor interoperability in the systems management environment. In May 2007, DMTF and The Open Group, along with fellow alliance partner the [Network Applications Consortium](#) (NAC), announced the publication of the [Core Identifier Framework Matrix](#), a document that provides a reference point for identifier classifications, and provides a basis for the selection of an identifier form for a global standard common core identifier.

The Open Group and DMTF are currently working together on a number of projects including the Application Response Management Group and co-sponsoring the Application Working Group. The alliance partners have also worked with the NAC to publish the Core Identifier Framework Matrix.

The Open Group will host its twenty-first [Enterprise Architecture Practitioners Conference](#) on July 21-23 in Chicago, Illinois. This conference is a globally recognized event created by and for enterprise architects to examine a wide variety of topics impacting the profession. The July meeting, which is also held in conjunction with The Open Group's Members Meeting, will seek to detail the core elements of the creation and implementation of a Government Enterprise Architecture.

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DMTF Releases Web Services Standard

DMTF recently announced that its Web Services for Management ([WS-Management](#)) standard has been ratified Final. Since its debut in April 2006, WS-Management has evolved into a mature standard and has been successfully implemented in a wide range of products from DMTF member companies.

IT managers benefit from WS-Management because deployments that support the standard will enable them to remotely access devices on their networks – everything from desktop and mobile systems and servers today, to power management and virtualized environments in the future. WS-Management helps reduce the cost and complexity of IT management by leveraging Internet protocols and standards to manage diverse deployments of the Common Information Model (CIM) instrumented devices. It also helps enable a secure, simple and low-cost platform for managing mixed IT environments.

The WS-Management standard, the latest component of DMTF's Web Based Enterprise Management ([WBEM](#)) initiative, has provided an important building block ingredient for DMTF management initiatives. The WS-Management standard is also referenced as the protocol of choice for both the Desktop and mobile Architecture for System Hardware ([DASH](#)) and Systems Management Architecture for System Hardware ([SMASH](#)) initiatives.

For more information on the WS-Management standard, [click here](#).

Now Available: CIM Schema Version 2.18

DMTF recently made available the next release of the Common Information Model ([CIM](#)) Schema, version 2.18. CIM 2.18 is now available for [download](#) on the DMTF Web site.

Significant changes made to the final part of the Schema, version 2.18, largely involved taking previous experimental classes used in the Systems Management Architecture for Server Hardware ([SMASH](#)) and Desktop and mobile Architecture for System Hardware ([DASH](#)) initiatives to Final. The changes to the experimental part of the Schema were around improvements in a variety of areas, including storage, security, wireless networking, system bios, printers and power management.

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](#)).

Preliminary Spec Now Available

DMTF recently issued a preliminary release of the Base Metrics Profile Command Line Protocol (SM CLP) Mapping Specification, [DSP0845](#). The information in this specification, combined with SM CLP-to-CIM Common Mapping Specification V1.0 [1], is intended to be sufficient to implement SM CLP commands relevant to the classes, properties and methods described in the Base Metrics Profile using CIM operations.

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

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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.

Applications Now Available: Expanded DMTF Board Seats

The DMTF Board recently voted to expand the total number of Board seats from 14 to 16, creating two additional seats. We kindly request applications to fill these seats.

These new seats would have terms from June 1, 2008 through March 31, 2011. Please note: to be eligible to apply for a seat on the Board, or to exercise your right to vote in a meeting of the members, your company must be in good standing with DMTF (FY2008 membership dues fully paid, or a PO# received by DMTF, by 5 p.m. PDT Wednesday May 21, 2008).

The DMTF Board is responsible for the overall direction, strategy and activity of DMTF, including managing DMTF finances, approving technical and marketing initiatives, and leading DMTF committee work. Board member companies currently pay an annual DMTF membership fee of \$30,000 and are required to attend monthly Board meetings, which alternate between face-to-face meetings and teleconferences.

At the DMTF Special Meeting of the Members on May 22, an election will be held to select members to fill both of the new Board seats. Each voting member in good standing will be allowed to vote for two members maximum. A member must receive votes from at least a majority of the eligible voting members to be elected. The results of the election will be communicated to all applicants within 24 hours of the completion of the voting process.

Members interested in being considered for the DMTF Board position should contact Kes Wold, DMTF Secretary, to receive an application form. Please email secretary@dmtof.org for more information. Application forms must be submitted no later than 5 p.m. PDT Friday, May 16. The application forms will be distributed to each DMTF voting member for review on Monday, May 19.

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Member Feedback Welcomed

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

EVENTS

SVM08 Call for Papers: Deadline Extended

DMTF has issued a call for papers for the Academic Alliance's second annual Systems and Virtualization Management (SVM) event. The submission deadline has been extended to May 16, 2008. This international workshop is dedicated to academic research on standards and new technologies for systems and virtualization management. [SVM08](#), takes place October 21–22 in Garching, Germany,.

The goal of SVM08 is to illuminate related standards and research issues. These include: managing distributed systems, virtualization of distributed resources/services, and work in management standardization. Submissions related to these topics are particularly encouraged.

For more details on submission topics and guidelines, please visit <http://www.dmtf.org/svm08/papers/>.

See DMTF at Catalyst 2008

DMTF will host a hospitality suite at the Burton Group's [Catalyst 2008 Conference](#), held June 23–27 at the Manchester Grand Hyatt in San Diego, Calif. DMTF plans to feature Open Virtualization Format (OVF) and other standards-based virtual machine managements from multiple vendors – everything from creating, to distributing, deploying and managing various virtual machine. Be sure to stop by the DMTF hospitality suite in Gregory A/B room on Thursday, June 26, from 6:00 to 9:30 p.m.

Catalyst is for enterprise technologists and executives working to drive change within their organizations. The conference brings IT leaders together to learn about and discuss today's most significant technology topics and complex issues faced by enterprise organizations. An educational and often controversial forum, Catalyst Conference is an absolute must-attend event for enterprise IT leaders.

This five-day, industry-shaping conference explores cutting-edge ideas, current challenges as well as emerging technologies shaping today's and tomorrow's enterprise. The Catalyst Conference is renowned for its attendee-driven agenda, high-profile speakers, in-depth content and fiercely independent point of view.

For more information regarding the Catalyst conference, [click here](#).

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Registration Now Open for NGDC 2008

Registration is now open for the [Next Generation Data Center Conference & Expo](#) in San Francisco, August 4 – 7! Sign up today and discover real-world, ready-to-deploy solutions to transform every element of your infrastructure—and leverage the latest innovations for advanced storage, networking, consolidation, virtualization, and green power to build a robust platform for long-term business growth and efficiency.

At NGDC this year, you'll get the opportunity to:

- Get practical, real-world guidance and inspiration from more than 75 technical sessions and visionary keynotes by the industry's top practitioners
- Brainstorm, network and share experiences at exciting special events with peers from throughout the IT community
- Discover products, services and complete solutions for every part of your data infrastructure from more than 200 key exhibitors

Also be sure to check out DMTF President Winston Bumpus' presentation entitled **"Simplifying Virtualization Management: From Deployment to Operational Management."** Winston's session will focus on how DMTF management standards for server and client management have been crucial in reducing complexity and cost via management interoperability. Winston will also discuss how DMTF has focused on developing standards for managing the lifecycle of a virtualized environment.

[Click here](#) to take advantage of Early Bird Savings and your DMTF membership discount.

MDC Call for Presentations Now Available

The fourth annual [Management Developers Conference](#) (MDC), held November 17–20 in Santa Clara, Calif. has issued a call for presentations. MDC encourages participation by individuals and organizations with standards, research or practical experience for standards-based management, including government and commercial users, universities, research laboratories and early adopters.

As an MDC presenter, you'll benefit from the prestige and visibility associated with participating in this year's highly anticipated conference program. Individuals interested in presenting need to submit an abstract by Tuesday, July 1, 2008, for consideration.

Specific areas of interest for MDC 2008 include standards, research and practical experience for standards-based management for the following:

- Management Initiatives ([CDM](#), [DASH](#), [SMASH](#), SMI and Virtualization)
- Developer tools and infrastructure
- Developer API
- Client Application Development
- Provider Development
- Emerging Technologies
- Real-world solutions & experiences

REGULARS

2008 Member Survey Results: Interoperability Features

In this series, DMTF continues to report findings from its annual member survey conducted in January 2008. About 106 members responded at length to our survey. We asked members to select the most important profile interoperability feature for his or her company in 2008.

Interoperability Features	
CDM interoperability	5.7%
DASH interoperability	17.0%
SMASH interoperability	21.7%
I don't know	41.5%
None	9.4%
Other	4.7%

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