



## National Capital Area - Computer Measurement Group

*"Flaming enthusiasm, backed up by horse sense and persistence, is the quality that most frequently makes for success."*  
Dale Carnegie

Spring has finally arrived, and we have traded those snow shovels and heavy coats for swimsuits, shorts and cool drinks. And just as the flowers and trees are coming out of their winter slumber, we hope you will come out and attend our next exciting meeting. We have a program that includes a wide variety of topics, including Virtualization, the new IBM HiperDispatch feature, and a potpourri session that will cover a number of useful tuning and performance topics, and will allow you to find answers to your tough questions. Also, several of our vendors have agreed to cover food and drink costs in exchange for short product presentations. This not only improves the quality and quantity of the food and drinks provided, but it allows us to keep our costs reasonable. Please come and support these vendors, learn about their new product offerings, and thank them for their continued support of our organization.

Please note that our next seminar is **Wednesday, June 11, 2008**. You should have received an earlier email notifying you of this date so that you could put it on your calendar. If you are not receiving our emails, or if you would like to add someone else to the distribution list, please contact us at [NCACMG@cmg.org](mailto:NCACMG@cmg.org). Now let's get into the details, and show you what we have lined up for this terrific meeting

First, here's an update on meeting logistics.

### **Our Meeting Facility**

As we have for the past several meetings, we are fortunate enough to be able to use the Mitre facility in McLean, Virginia. We are excited about the location and the amenities provided for us, and we thank the people at Mitre for providing the facility and for their continued support. For those who have not attended before, the location is just off the Dulles Toll Road, and close to the Freddie Mac location that we enjoyed for several years. There is free parking close to the building, and it has a cafeteria in the facility. The conference room and other facilities are excellent, and the Mitre people are friendly and accommodating to our needs. We hope that this will be our home for many years to come.

### **Officers**

The full slate of NCACMG officers can be found on the last page. As you can see from this list, there are still several openings and several opportunities to serve. Please let one of us know if you have a little time to spare and would be willing to help.

### **Vendor Opportunities**

Our new venue is too limited in space for the vendor displays that we've had in the past. We have cleverly found an alternate method of sponsorship, which we think will work out better. Taking a page from several of our sister CMG regions, we offer sponsorships of food and drink - in return for which; vendors get to present to us. Here's what we have available:

- A breakfast sponsorship gets you 35 minutes to talk technical, present products, or both
- A lunch sponsorship gets you 35 minutes, just like breakfast
- A break sponsorship gets you an honorable mention from the chairman, an introduction to the folks attending, a chance to ambush attendees during the break, and our undying gratitude

Having vendors willing to contribute for the opportunity to speak lowers the cost of the conference, while letting us know about their new products and the services they provide. Please attend these sessions, and show our vendors that we appreciate their support and their sponsorship.

### **Seminar Price**

The price for the seminar is still \$30, but that's quite reasonable for a full day of training and a chance to swap experiences with others in the industry (less than you would pay to fill the gas tank!). Considering that your breakfast, lunch and break food are included for one low cost, we think this is a pretty good deal. Also, the price is the same either in advance or at the door, so there's no more sweating to get your registration to us in advance for a better price. The bad part is that we may have to cap attendance due to room size, so those who register in advance are guaranteed a seat.

Okay, that's enough about what's going on with NCACMG. Now please read the next page to learn all about our next full-day seminar on **Wednesday, June 11th**.

# NCACMG Spring 2008 Seminar

## Wednesday, June 11, 2008

### Agenda

7:30 a.m.	Registration and Continental Breakfast	Thanks to <i>Sysload Software Corporation</i> for sponsoring breakfast!
8:30 a.m.	Steve Conway; NCACMG Chairman	Welcome, introductions, facility logistics and NCACMG business
8:45 a.m.	Ted Dinkel; Sysload Software Corp.	<b>Managing the Performance and Capacity of Heterogeneous Servers in Today's Virtual Infrastructure</b>
9:20 a.m.	Break	
9:30 a.m.	Emmanuel Sauvion; Sysload Software Corp.	<b>Performance Management in the VMware World</b>
10:40 a.m.	Break	Thanks to <i>IBM Tivoli</i> for sponsoring this break!
10:55 a.m.	Bob Sneed; Sun Microsystems	<b>Solaris; Virtually Everywhere</b>
12:05 p.m.	Lunch is Served	Thanks to <i>ClearApp</i> for sponsoring lunch!
12:20 p.m.	Doris Chan & Kevin Rearden; ClearApp	<b>Resolving Composite Application Performance Problems Quickly</b>
12:55 p.m.	Break	
1:05 p.m.	Don Deese; Computer Management Sciences, Inc.	<b>Introduction to HiperDispatch Management Mode with the IBM z10</b>
2:15 p.m.	Break	
2:30 p.m.	All Attendees	<b>Performance Short Subjects and Free-For-All</b>
3:40 p.m.	Steve Conway; NCACMG Chairman	Door prize drawing ( <i>you must be present to win!</i> ), and final comments.
3:55 p.m.	That's All Folks	See you next time, and thanks for attending!

The agenda content is subject to change due to weather, speaker availability, and other acts of God, but we will try not to change it unless absolutely necessary.

#### **How do I get there?**

Go to our website ([www.ncacmg.org](http://www.ncacmg.org)) and select 'Directions'.

Or, you can use the link [www.mitre.org/about/locations/rappahannock\\_map.html](http://www.mitre.org/about/locations/rappahannock_map.html) directly.

#### **How can I pre-register?**

Use this link [www.ncacmg.org/register.htm](http://www.ncacmg.org/register.htm).

Note that you don't need to pre-register, but it makes things easier and guarantees you a seat at the conference. The cost is the same (\$30), whether you pre-register or pay at the door.

# Presentation Abstracts

## **Managing the Performance and Capacity of Heterogeneous Servers in Today's Virtual Infrastructure**

*Ted Dinkel; Sysload Software Corporation*

This presentation is an overview of Sysload Software's capabilities in large installations with a wide variety of server platforms, both physical and virtual. The presentation will highlight why precise metrics are essential in virtual environments and how users can customize unique workload tracking and create more meaningful alerts. It will also illustrate how Sysload's three-tier architecture can produce immediate value to a client's existing infrastructure with virtually no additional hardware or database requirements.

## **Performance Management in the VMware World**

*Emmanuel Sauvion; Sysload Software Corporation*

Virtualization and VMware are hot topics today but both come with challenges. In this presentation, we will focus on performance in Virtual environments and especially on VMware.

- How to manage the hosts from a performance perspective
- Why we cannot forget the guest machines
- What to manage and how

During this presentation we will answer these questions along with the ultimate question; how can we keep users happy while saving money in our optimized VMware world?

## **Solaris; Virtually Everywhere**

*Bob Sneed; Sun Microsystems*

Sun's Solaris Operating System boasts a wide array of options for virtualization and is widely supported by most 3rd-party virtualization platforms. In this talk, we'll survey all of these options, their feature differences, technical differentiators, and some of their implications for performance management and capacity planning. Attendees will have the opportunity to download or burn DVDs of virtualized Solaris, allowing them to get started quickly with virtualized Solaris on sufficiently-large x86/x64 systems.

## **Resolving Composite Application Performance Problems Quickly**

*Doris Chan and Kevin Rearden; ClearApp*

ClearApp provides comprehensive application service management (ASM) for the largest and most complex J2EE-based composite applications. Leveraging a sophisticated modeling engine, ClearApp QuickVision correlates the services provided by applications to the underlying code components supporting those services while automating application performance management (APM) for portals, application servers, integration platforms, ESBs, and BPEL engines. As a result, enterprises gain the necessary visibility and business-level context required to maximize application service levels, reduce the mean time to repair (MTTR) and attain the requisite ROI from their service-oriented architecture (SOA) investments. In this session, attendees will:

- Learn how to bridge the IT visibility gap inherent in managing portal and SOA applications
- See how QuickVision's service modeling engine enables the automation of application performance management tasks and self-adapts to relationship, dependency and component changes
- Witness an approach to extending triage, root cause analysis, and issue resolution skills to each and every IT worker for improved service level management

# Presentation Abstracts (continued)

## Introduction to HiperDispatch Management Mode with the IBM z10

*Don Deese; Computer Management Sciences, Incorporated*

HiperDispatch was introduced with IBM's z10 server, and is available (via PTFs) on z/OS V1R7, z/OS V1R8, and z/OS V1R9. HiperDispatch was designed to (1) minimize the z10 hardware performance degradation caused by processor cache misses, and (2) maximize the amount of CPU processing power associated with any single logical processor. To achieve these design objectives, HiperDispatch implemented new designs within z/OS and PR/SM, and implemented a regular exchange of information between PR/SM and z/OS. By exchanging information, z/OS is aware of the topology between logical processors and physical processors and PR/SM is aware of an affinity between workload executing on logical processors and the physical processors providing the processor capacity. This presentation provides an overview of the z10 implications that require HiperDispatch, explain the algorithms that existed before HiperDispatch, presents an introduction to HiperDispatch concepts, and describes performance considerations when implementing HiperDispatch.

## Performance Short Subjects and Free-For-All

*NCACMG Officers and All Attendees*

During this informal session, NCACMG officers and attendees are invited to bring a short user presentation (15 minute limit) or a prepared question for group discussion. Please email us at ([NCACMG@cmg.org](mailto:NCACMG@cmg.org)) if you would like to present or ask a question. You can also submit your questions at the beginning of the day, but you are more likely to get a good answer if we have some advanced preparation time. The NCACMG Chairman will referee the open discussion and once advance submissions are exhausted will take questions from the floor. Topics are at the whim of attendees but could include any of the following:

- Virtual Storage - Is VSCR still an issue?
- Writing SMF data to Logger - Any experiences?
- CICS, IMS, DB2, VSAM performance problems
- z/OS 1.9 Install Experience
- SAS Performance Tips and Tricks - both z/OS and Windows

## NCACMG Officers

<b>Chairman</b>	Steve Conway	Freddie Mac	703-450-3156 steven_conway@freddiemac.com
<b>Vice Chairman</b>	Sam Knutson	GEICO	301-986-3574 SKnutson@geico.com
<b>Secretary</b>	(available)		
<b>Treasurer</b>	Trish Nolan	BMC Software	703-744-3579 Trish_Nolan@bmc.com
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