

# Southern California Computer Measurement Group Regional Meeting Announcement



Friday – February 5, 2010  
Compuware Office  
555 Anton Blvd, Suite 900, Costa Mesa

Please join us on Friday, February 5, for the Winter meeting of the Southern California Computer Measurement Group (SCCMG). This meeting will be held at Compuware's Orange County Office. This meeting is open to all, CMG membership is not required to attend.

Compuware is hosting this meeting for us and will be helping with our meeting expenses.

To register, send an E-Mail to [SCCMG@CMG.ORG](mailto:SCCMG@CMG.ORG), by Monday, February 1. Call (626) 564-7530 for more information. The registration fee is \$5 to attend this meeting if you pre-register by Monday February 1, \$10 for onsite registration or registration after Monday February 1.

## **Agenda**

(Session abstracts follow the agenda)

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| 0830 to 0915 | Continental Breakfast  |
| 0915 to 0930 | Business Meeting – Election of Regional Officers   |
| 0930 to 1030 | <u>Service Quality: Ensure Value by Complete End-User-Experience<br/>Performance Analysis Across All Tiers</u><br>Barbara Rotondo – Compuware Corporation  |
| 1030 to 1045 | Break  |
| 1045 to 1145 | <u>Load Testing is Easy. Good Load Testing is Not.<br/>Preparation is the Difference.</u><br>Chris Lynn – Safeway<br><br>Chris received the J. William Mullen Award for this presentation at the 2009 National CMG Conference in Dallas. |
| 1145 – 1300  | Lunch – Compuware Technology Update  |
| 1300 to 1330 | <u>How Much of your Midrange Computing Power is Actually Usable?</u><br>Chris Lynn - Safeway   |

1330 – 1340 Break

1340 – 1415 Hands on Demonstration – Build Your Own Private Cloud Using Amazon's Cloud Service Offerings!  
Frank Berezney , IBM

### **Session Abstracts**

Service Quality: Ensure Value by Complete End-User-Experience Performance Analysis Across All Tiers – Barbara Rotondo

Monitoring applications with Synthetic robots is not enough, and relying on siloed infrastructure tools to isolate problems is a complicated and inconclusive process. To truly understand how an application performs, the impact of poor performance and to quickly identify the fault domain, one must correlate Synthetic and Real End User Monitoring. Learn how a holistic approach to APM brings visibility through the Front-End, Middleware and Back-End database calls. The result is good Service Quality- the representation of a business service to meet its goals and deliver value.

Load Testing is Easy. Good Load Testing is Not. Preparation is the Difference. – Chris Lynn

This session discusses recommendations and considerations to plan and prepare for valuable performance and load testing. It includes a guide to identifying and developing the:

1. Testing Purposes
2. Roles and Responsibilities
3. Business Performance Requirements
4. Scope of Testing
5. Testing Environment Requirements
6. Usage Patterns and Transaction Mix
7. Proposed Test Scenarios
8. Load Generation Requirements
9. Proposed Monitoring, Tracking, and Reporting

Once this planning is done the scripting and execution is “easy”. Scripting not included.

How Much of your Midrange Computing Power is Actually Usable? – Chris Lynn

When examining the CPU utilization of midrange servers in an enterprise, at first glance, they often appear to be significantly under-utilized. Is that really the case? This paper discusses how High Availability, Load Balancing, Multiple Standards (platforms, operating systems, middleware services, etc.), and Application Incompatibility affect the amount of computing capability which is actually usable. Can you explain to executive management why 25-30% peak CPU utilization is reasonable if you engage in a lot of HA, load balanced, and multi-platform solutions? Would you like to be able to?

Hands on Demonstration – Build your own Private Cloud using Amazon’s Cloud Service Offerings - Frank Berezney , IBM

One of the most interesting and heavily attended session at CMG 09 was Adrain Cockcroft's live demonstration on how to setup up and use your private Cloud using Amazon. We will be repeating this hands on live demonstration on how to create your own Cloud and use it to process a web log file. Here is the title and abstract from the session:

Using the Cloud to Crunch your Data – Adrain Cockcroft

Instead of worrying about what the definition of cloud computing might be, let's focus on how you can use Cloud Computing to do large scale log processing. This tutorial will show how you can upload huge datasets to Amazon S3, crunch them with a large cluster of computers using Amazon EMR, and do it all from your web browser for a handful of dollars charged to a credit card.