

# HILLGANG

## *The DC VM & Linux Users' Group*



*Announcing the 20<sup>th</sup> Meeting of the new Hillgang*

- Date: September 17, 2014
- Location: Computer Associates  
2291 Wood Oak Drive  
Herndon VA
- Time: 8:30 for 9:00 until 2pm

## AGENDA

- Breakfast – Brought to you by Vicom.
- Running x86 Binaries on Linux for System z- Jim Porell, Mantissa

- IBM System z Mobile Strategy – Paul Houde, IBM.
- VM:Backup Update – Bob Giesting, CA.
- z/VM Systems Management Overview –Bill Bitner, IBM
- What the z/VM Development Lab did over Summer Vacation – Bill Bitner, IBM

## ABSTRACTS

### Running x86 Binaries on Linux for System z

How many computers are enough to meet your IT needs? Let's start with one. The IBM System z server! For the past year, Jim Porell has been working on a project to demonstrate how an x86 32 bit architecture can be run on System z. In this session, a quick overview of the z/Architecture will be provided and then some demonstrations of Linux clients and servers that are running x86 binaries on z/VM. These systems can be accessed and operated from PC's, Mac's, iOS and Android devices. It's an entirely new way to look at modernization of System z. Jim will also discuss the experience Mantissa has had with its own z114.

### IBM System z Mobile Strategy

As enterprises work to gain control of the challenging mobile environment, Linux on System z under z/VM has a key role in hosting mobile applications, both as a System of Record and as a System of Engagement. During this presentation we will discuss Enterprise mobile challenges, IBM MobileFirst, System z's role in Mobile Applications, IBM Worklight on System z, CICS/IMS/DB2 readiness for mobile, what customers are actually implementing, and the next steps to consider.

### VM:Backup 3.6.

CA will review and demonstrate select new features of CA VM:Backup r3.6 planned for release in Fall 2014.

### z/VM Systems Management Overview - The Options and Strategies

The term "Systems Management" is frequently used, but what does it really mean? What is OpenStack and how does it fit into the z/VM System Management strategy? Who should be using the Systems Management APIs (SMAPI)? What is xCAT and how does its integration into z/VM change the Systems Management landscape? What solutions are available to you for augmenting and extending the z/VM hypervisor management options? All these questions will be answered in this session as we take a look at high level aspects of managing z/VM systems.

### What the z/VM Development Lab Did Over Summer Vacation

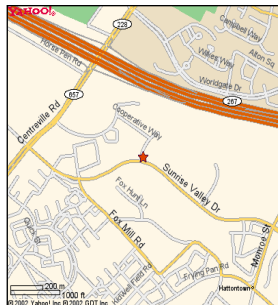
The z/VM 6.3 'school year' has come and gone as it's been over a year since z/VM 6.3 was released. This session will describe some of the key things we have learned the past year so that those being promoted up to z/VM 6.3 will have a smoother transition. We'll also talk about the new things added to z/VM 6.3 through the service stream, especially some major changes this summer. That includes guest support for some new PCIe devices as well CPU pooling which besides managing performance can be used to address software license expenses.

## PARKING

Parking is available in CA parking lot. Please go to the main entrance of the building.

## HOW TO GET THERE

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## TO RSVP

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We're experimenting with using "Doodle" to gather numbers for the meeting. Please go to:  
<http://doodle.com/ap6yqvaxy7nphzus> and following the instructions.

To join the HillGang mailing list and receive further announcements about HillGang meetings send email to  
[listserv@vm.marist.edu](mailto:listserv@vm.marist.edu) with the words:

`subscribe hillgang firstname lastname`

in the BODY of your message (not the subject line). You will receive a confirmation message with information about confirming your subscription.

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