HILLGANG

The DC VM & Linux Users' Group

Announcing the 34th Meeting of Hillgang

- Date: 6 Dec 2022
- Location: IBM
  2300 Dulles Station Blvd
  Herndon VA
- Time: 8:30 for 9:00 until 2pm

AGENDA

- Breakfast – Brought to you by Velocity Software.
- Virginia Commonwealth University – Dr. John D. Leonard II, Executive Director of the Commonwealth Center for Cloud Computing (C4), Virginia Commonwealth University

- **TechByte** IBM Z Academic Initiative; The Journey Continues – Len Santalucia, CTO, Vicom Infinity, A Converge Company
- LinuxONE 4 Announcement – Nada Santiago, Principal Product Manager for LinuxONE, IBM
- **TechByte** Automating MongoDB to LinuxONE – Kurt Acker, Kurt Acker Principal IT Architect for SNA and DSS
- Modernizing the Mainframe – Jim Vincent & Rich Smrcina, Velocity Software

ABSTRACTS

Fattening the zSystems talent pipeline, VCU C4

The Commonwealth Center for Cloud Computing (C4) at the Virginia Commonwealth University (VCU) has made a significant investment in IBM zSystems, IBM Storage, and IBM Software. Come listen to how, why, when, and where C4 and their new z16 will be utilized by VCU, and other university, corporate and industry partners to grow TALENT and WORKFORCE development for IBM zSystems in Virginia.

IBM LinuxOne Emperor 4 Announcement – AI Acceleration, Sustainability & Confidential Computing

The legendary line of IBM Systems has a new family member. This session explains how IBM LinuxONE Emperor 4 servers can help companies meet their sustainability goals by reducing energy consumption by 75% and floor space by 50% compared to running the same workloads on x86 servers. Beyond the traditional IBM reliability, availability, and scalability, LinuxONE 4 introduces the IBM Telum processor

with on-chip AI acceleration allowing organizations to score 100% of their transactions all while using familiar open-source AI tools. Finally, the session will review how LinuxONE Emperor 4 future-proof's the security of applications and infrastructure with confidential computing and quantum-safe cryptography.

Academic Initiative update; IBM Z The Journey Continues

This session will discuss practicing what is preached about the IBM Z Academic Initiative.

Automated MongoDB Deployments on LinuxONE

This session focuses on a unique challenge IBM brought to SNA towards the end of 2021 for Automating MongoDB Deployments to IBM LinuxONE machines, along with the solutions created for it.

Modernizing the Great z/VM Platform

Many attempts have been made to modernize z/VM. The z/VM community finally has something that is easy to use, lightweight, and provides significant function toward that goal. With zPRO we can accomplish many typical systems programming tasks. Managing storage servers, spool, security, shared file systems, virtual networks; taking backups and task scheduling are among the many features that are implemented to make the system programmers job easier, in addition to zPRO's traditional strengths in virtual server management. This session will provide you all the details behind what zPRO can do for you

and be a fun and interactive free-for-all to get your feedback on ideas to make zPRO even better!.
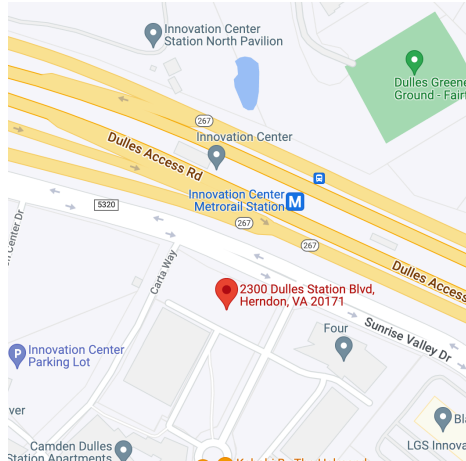
PARKING

Parking is available in the facility's parking lot. Please go to the main entrance of the building.

HOW TO GET THERE

TO RSVP

To register please go to:
https://ibm-zcouncil.com/events/ibm-zcouncil-dec-6th/

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

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

POST MEETING GATHERING

For those able to stay on after the meeting, we usually meet for lunch and continuing discussions at Ned's Irish Sports Bar.