



IBM Linux on z Systems Executive Advisory Council - June 2nd , 2017

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Out of service reminder

- z/VM[®] 6.3 will achieve end of service on December 31, 2017, leaving only z/VM 6.4 in service. (z/VM 6.2 is EOS on June 30, 2017.) For full information on life cycle see (<https://www-01.ibm.com/software/support/lifecycle/>). For clients with questions or clients looking for guidance on migration to z/VM 6.4, you can contact Bill Bitner (bitnerb@us.ibm.com). Various options exist:
- Extended support contracts for z/VM 6.3
- IBM Lab Services for additional temporary skills
- Note: z/VM 6.4 introduced a new architecture level set, requiring a IBM zEnterprise[®] 196 (z196) or IBM zEnterprise 114 (z114) or higher machine.



KVM Announcement March 17, 2017

Today we are announcing a change in plans and strategy around how KVM is delivered on the IBM z Systems® and IBM LinuxONE™ platforms. The market is shifting towards integrated and tested open source components, for example, to build a cloud infrastructure. Instead of IBM offering our KVM product, KVM will now be offered through our Linux distribution partners for IBM z Systems and IBM LinuxONE, which can help simplify the delivery of an open source infrastructure. Linux and KVM will now be provided from a single source, and with KVM being included with the Linux distribution, it can make ordering and installing KVM easier. KVM for IBM z Systems Version 1.1.2 will be the last release delivered by IBM. IBM is committed to the KVM hypervisor and is responsible for the architecture and exploitation for the new and existing z Systems and LinuxONE hardware in the Linux upstream code. The announcement date is March 7, 2017, the last day to order the IBM KVM product is August 28, 2017 and the end of support for KVM for IBM z Systems is March 31, 2018. The KVM hypervisor on IBM z Systems and IBM LinuxONE is available now with Canonical Ubuntu 16.04 LTS (and later releases). SUSE announced on March 1, 2017 that they will provide full support for IBM z Systems and LinuxONE with SUSE Linux Enterprise Server (SLES) 12 SP2 (and later releases).



Oracle z Systems WW User Group coming to Washington DC on June 13th and 14th

The Oracle on IBM z Systems Special Interest Group (zSIG) conference is quickly approaching. This technical user group conference is being offered by the Oracle zSIG at no charge to qualified attendees. The conference will be held at the **IBM Center for Cognitive Government** on **June 13th and 14th** in **Washington DC**.

The planned agenda includes vendor and customer presentations, including sessions from Oracle's z Systems Support team. This is the one event of the year where customers can hear directly from Oracle Support on the latest updates with the Oracle on z Systems solution.

Customer experience presentations of running Oracle database on z Systems, as well as sessions from IBM, Red Hat, SUSE, and Velocity Software are also planned. The Oracle zSIG conference is not a marketing or sales event, rather an independent technical user group event.

For further information please see the Oracle zSIG website, <http://www.zseriesoraclesig.org/>

International Oracle
on z Systems SIG



IBM Center for Cognitive Government - Washington DC



Best fit workloads

- The best-fit workloads for LoZ (meaning on the same z System as z/OS® or z/VSE® or z/TPF) are:
- Any workloads that need access to a system of record that resides on z (e.g., DB2® for z/OS, IMS™, CICS®/VSAM, 3rd party), and have SLAs for response time
 - distributed apps that use SoR data
 - data staging
 - data marts
 - data warehouses
 - analytics
 - MobileFirst platform
- Workloads sensitive to privacy and security or compliance concerns
- Workloads that benefit from vertical scale (e.g., Linux-based relational databases, MongoDB)
- Elastic workloads that are challenging for server farm architectures to accommodate (e.g., seasonally impacted or impacted by marketing promotions, dev/test)
- Stateful workloads



beginner

intermediate

advanced

others



Beginner

- [Hello World](#) (Developer Operations)
- [First Alpine Linux Container](#) (Linux Operations Developer)
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- [Swarm stack introduction](#) (Linux Operations)
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Register for DockerCon! - <http://europe.dockercon.com/>

<https://training.docker.com/category/self-paced-online>



Agenda



8:30 AM	Arrival and Continental Breakfast
9:00 AM	<i>Opening Remarks and Introductions</i> <i>David Rossi, IBM, Senior z Systems Security Architect</i>
9:05 AM	<i>LinuxOne Database As A Service – IBM Rebecca Gott LinuxOne Development and Michel Considine LinuxOne Offering Manager</i>
9:50 AM	<i>SUSE update – SUSE, Gaby Beitler Sales Engineer and John Stellan Account Executive</i>
10:35 AM	<i>Break</i>
10:45 AM	<i>Blockchain workshop panel discussion</i>
11:15 AM	<i>How to Monitor Blockchain and DBaaS – IBM Michael Sine, Solutions specialist IBM Service Management</i>
11:45 PM	<i>Compiler update – Shereen Ghobrial, IBM System z Compilers Offering manager</i>
12:15 PM	<i>Education and Cloud – Cameron Seay, NC A&T State University, Lead Principal Investigator for LEAD-IT Project</i>
12:45 PM	<i>Lunch</i>



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Notes:

Performance is in Internal Throughput Rate (ITR) ratio based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput improvements equivalent to the performance ratios stated here.

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