



CAVMEN – Linux on System z Update



Paul S. Augustyniak
Linux on System z New Workload Leader
North America IOT
17 October, 2013

News Youse Can Use.... Linux on System z - UP!!

Linux on IBM System z as of 2Q 2013

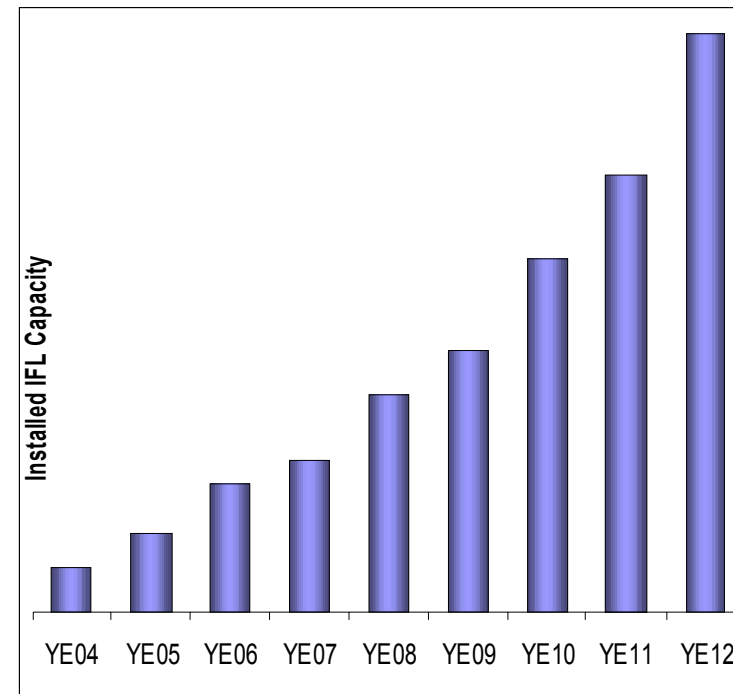
*Client adoption continues to drive success - Installed Linux MIPS at 48% CAGR**

- 25.1% of Total installed MIPS run Linux as of 2Q13
- Installed IFL MIPS increased 40% from 2Q12 to 2Q13
- 37% of System z Customers have IFLs installed as of 1Q13
- 76 of the top 100 System z Customers are running Linux on System z as of 2Q13 **
- 43% of new System z Accounts run Linux (FY10-3Q12)
- 33% of all System z servers have IFLs

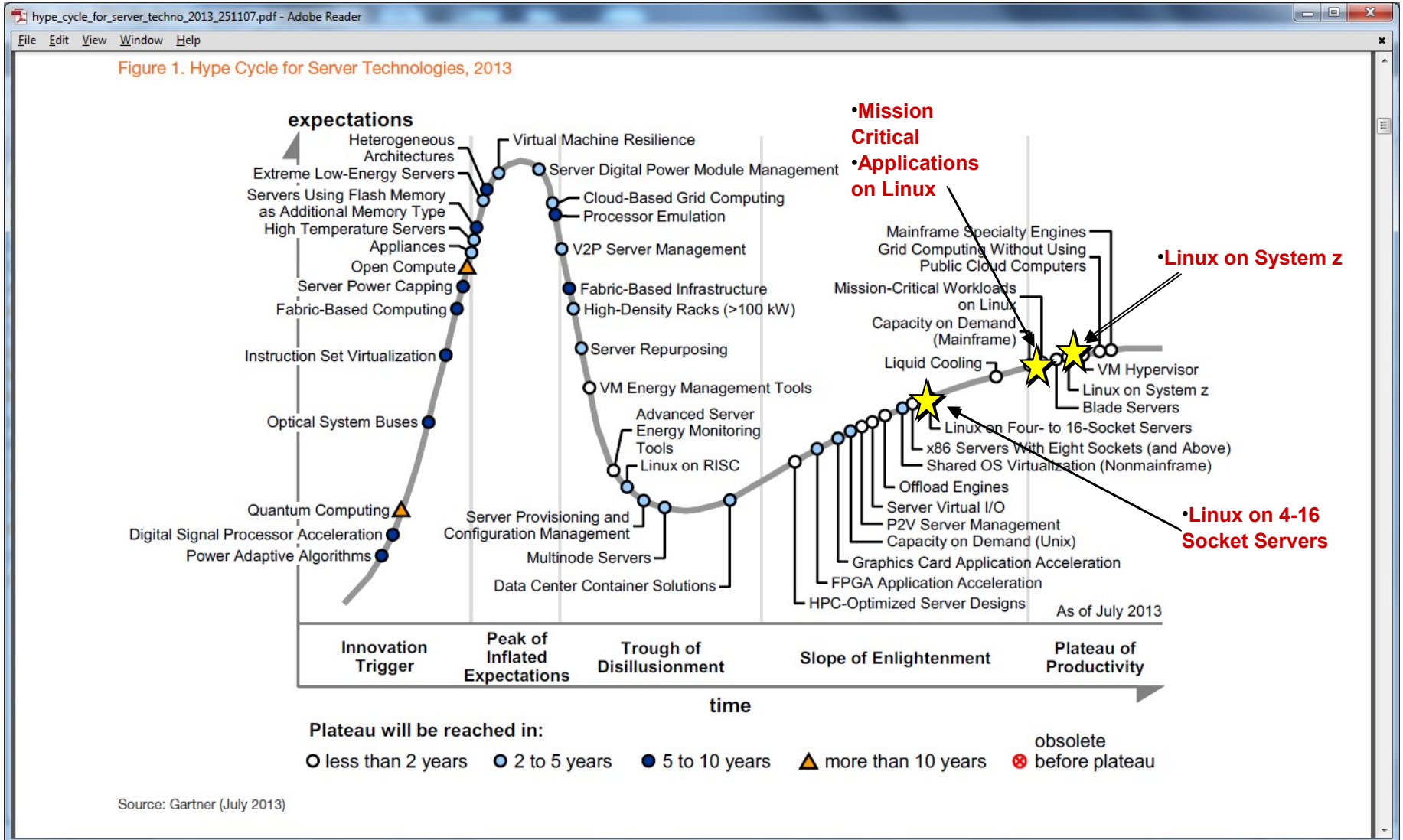
*Based on YE 2003 to 2Q 2013

** Top 100 is based on total installed MIPS

Installed Capacity Over Time



News Youse Can Use.... Gartner? Thumbs WAY up for LoZ!



The OpenStack Foundation

exponential growth in one year – IBM is a player



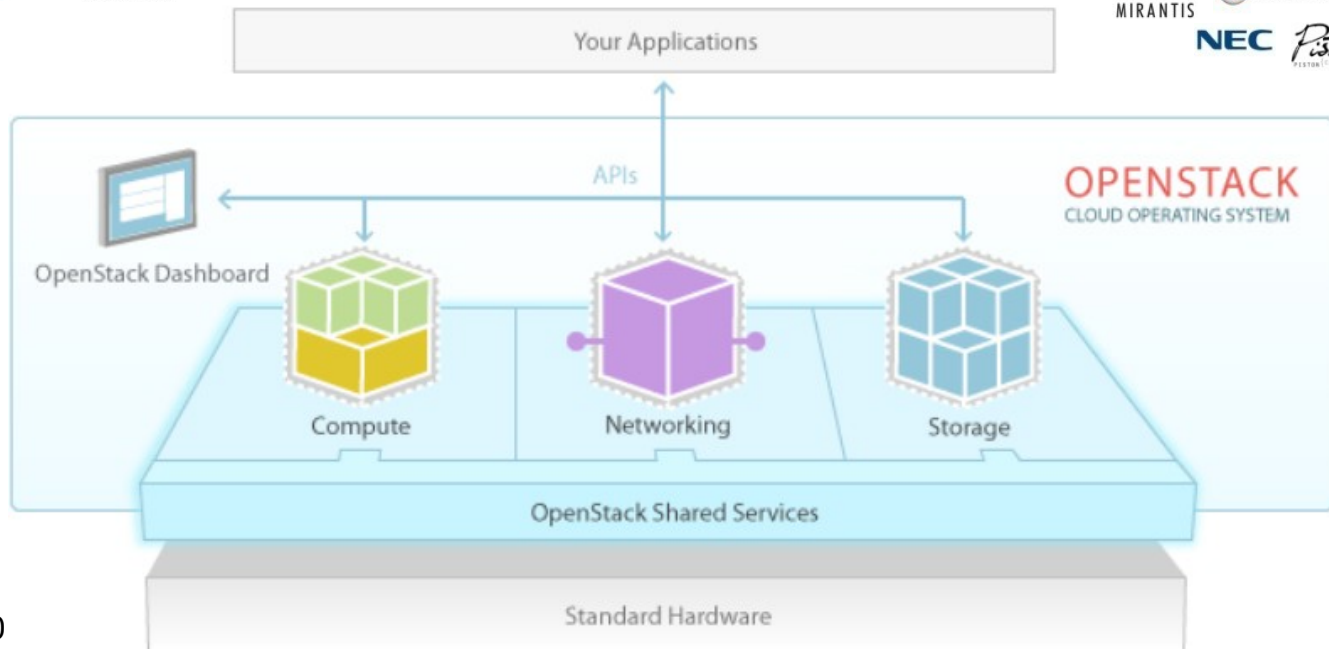
OpenStack is a global collaboration of developers & cloud computing technologists working to produce an **ubiquitous Infrastructure as a Service (IaaS) open source** cloud computing platform for public & private clouds.

Platinum Sponsors



APR 2012	Exponential growth in 1 YR		APR 2013
150	Contributors	859	Contributors
2600	Individuals	9100+	Individuals

Gold Sponsors



Oh, remember this guy?

In 1990 IBM started a workgroup called OS 2000 to build a single operating system that would run across all our hardware and unify our OS strategy.... it failed

Little did we know that 1 year later a Finish college student would start a new hobby, Open Source it, and change the course of IBM forever.



“I'm doing a (free) operating system (just a hobby, won't be big and professional like gnu) for 386(486) AT clones.”

News Youse Can Use....part ii

- **IBM Middleware search link for Linux on System z applications:**

<http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.jsp>

Additions:

- **IBM Capacity Management for System z – Cognos/SPSS/TDSz/DB2**
- **IBM Curam Software, Ltd – Health and Human Svcs. Mgt.**
- **IBM Intelligent Operations Center for Smarter Cities**
- **IBM Tivoli – 'CloudReady' – Tivoli plus services offering**
- **Cognos TM1 – SLES 11**
- **Platinum Member - Open Stack Foundation**

Let me know if there is an IBM Middleware product of interest to your company

Spotlight on.....IBM

- **System z Cloud Test Drive.....90 days of System z Cloud on Linux!** – email me if you are interested: paugusty@us.ibm.com
caution: will need legal signature for the test drive
- **The value of Cloud computing on System z – web education**
- **Linux.com – Demand for Linux on IBM's System z Accelerates, Clients Continue to See Cost Savings**
- **NEW - developers supporting z/OS 2.1**
- **CSL-Wave** acquisition completed – 'Blue-wash' underway
- Check this out – **Veristorm.....Hadoop on System z**

System z Events:

Webinar – Linux on System z disk I/O performance – Part I

Originally broadcast: Sept 18, 2013 at 12:00 PM EDT- 01:15 PM EDT or 07:00 - 08:15 UTC

Developed for: Linux on System z Customers: IT Manager, IT Administrator, System Administrators, IBMers, Business Partners

Technical level: Intermediate

The presentation introduces features available in Linux on System z and in storage server hardware that help increase disk I/O throughput. It discusses what they are, which options they provide, why or when they should be used and in which distribution they can be used. Part 2 of the session will be presented in 1Q2014

<http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.jsp>

Webinar: How to Surprise by being a Linux Performance "know-it-all"

Originally broadcast: Oct 9, 2013 at 12:00 PM EDT / 11:00 AM CDT /16:00 UTC

Developed for: IT Manager, IT Architect, System Administrator

Technical level: Intermediate

You can help your service round trip times by knowing your system, workload and tools better. The presentation will give an overview about some of the more advanced tools available in Linux to do a performance related system analysis like blktrace, hyptop, valgrind, ss, perf and so on - allowing you to better analyze, summarize or fix issues.

<http://ibmstg.adobeconnect.com/surpriselinuamericas10092013e/event/registration.html>

System z Events, part ii:

Live Virtual Class: Language Environment for z/VSE - Pieces of News, Tips and Enhancements

Event date: October 24, 2013 at 10:00 AM EDT/11:00 AM CDT/14:00 UTC

Developed for: z/VSE Customers, System z Business Partners

Technical level: Intermediate

This webcast will show of a recap of application run-time capabilities, discuss enhancements with z/VSE 5.1, complemented by "hands-on" advise for callable service use programming, environment independent application execution, 4083 abend handling and some tuning tips.

Furthermore it will highlight the benefits available with optional feature and tools usage.

<http://ibmstg.adobeconnect.com/leforzvseamericas1024e/event/registration.html>

On Demand Webcast: Enterprise COBOL for z/OS V5.1

Event date: On demand 'screencast'

Developed for: IT and enterprise architects; IT managers; IT administrators and programmers

Technical level: Intermediate

Listen as James Governor, Principal Analyst and Founder, RedMonk, and Kevin Stoodley, IBM Fellow and CTO, IBM Rational, discuss the benefits of the new IBM Enterprise COBOL compiler for z/OS. Jeff Heath, Development Manager, IBM Rational, demonstrates the highlights of this new, modern compiler. - <http://www.youtube.com/watch?v=JLMqkuou2-s&feature=youtu.be>

90 day trial link: www.ibm.com/software/products/us/en/enterprise-cobol-developer-trial-for-zos

System z Events Searchable Events Calendar

Wildfire Classes:

Workshops offered during this period are:

*Oracle and Cloud Computing on zEnterprise	(LXCL01)
WebSphere Application Server for z/OS	(WBSR8)
Data Governance for System z Workshop	(DGSYSZ)
**Customizing Linux and the Mainframe for Oracle DB Applications	(LX0R6)
z/OS JAVA Exploiters and JAVA Batch Workshop	(ZJAV1)
Security Workshop: WebSphere Application Server for z/OS	(WSW08)
CICS Integration Workshop NEW	(CICSINT1)
WebSphere Compute Grid for z/OS	(WCG01)
Business Process Manager for z/OS V8 Workshop	(ZBPM8)

****NYC: October 29-31**

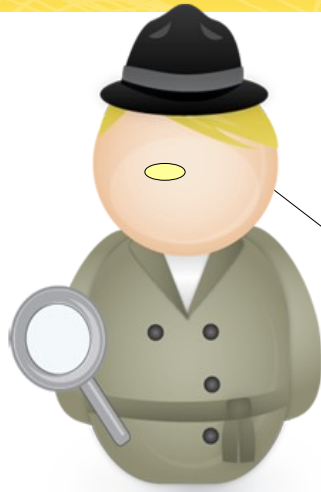
***Chicago: Nov. 12 (one day special)**

Mark, your Calendar:

Upcoming Events/Conferences:

System z Summit/Tech U - Orlando	Oct 21-25, 2013
Information on Demand (IOD) - Vegas	Nov 3-7, 2013
SHARE – Anaheim	March 9-14, 2014

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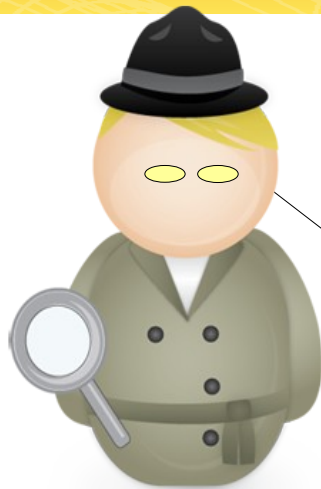


Questions?



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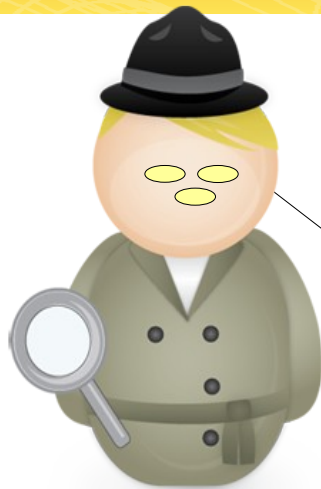


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