Welcome to SHARE:
Introduction to Linux and VM Program

Rick Barlow

Nationwide Insurance

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Session 12139

SHARE
in San Francisco
2013

Welcome to SHARE in Anaheim
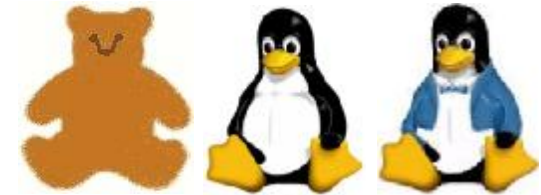## "It's what we do!"

- A volunteer, customer run organization.

- Dedicated to providing top-tier education on IBM and related technologies

- Networking with peers, sharing information and experience

- Industry influence – direct contact with IBM, vendors

- Trade Show – SHARE Technology Exchange (STE) – the latest in commercial offerings

Welcome to SHARE in Anaheim
"It's what we do!"

- Many ways to connect
  - Look for the Bears and Penguins

  - SHARE Linux and VM Program web page
    http://www.share.org/p/cm/ld/fid=44
  - SHARE Linux and VM Program community
    http://www.share.org/p/co/ly/gid=1832
    - Requires member login

Complete your sessions evaluation online at SHARE.org/SFEval

Welcome to SHARE in Anaheim
"It's what we do!"

- Ways to connect to SHARE
  - SHARE web page
    http://www.share.org
  - Social media
    - Facebook
      http://www.facebook.com/pages/SHARE-Inc/121987106930
    - LinkedIn
      http://www.linkedin.com/groups?trk=myg_ugrp_ovr&gid=1803278
    - Twitter
      http://twitter.com/#!/sharehq

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- Electronic Mailing List – LISTSERV
  Forums for asking questions and sharing solutions
  - IBMVM
    http://listserv.uark.edu/archives/ibmvm.html
  - Linux-390
    http://www.marist.edu/htbin/wlvindex?linux-390
- Other web sites
  - LinuxVM.org
    http://linuxvm.org/
  - Vendor
    - *http://www.suse.com*
    - *http://www.redhat.com*
    - *http://www.vm.ibm.com*
  - Many others…

Linux and VM Program (LVM)

- Dedicated to supporting and promoting the two best operating systems in the known universe

- Provide quality education on both environments, plus the power of combining them.

- Forum for expressing concerns, problems, opinions on future of Linux, VM and System z.

- Find support and help from fellow sysprogs and admins.

Understanding the "Program"

- SHARE programs consist of "projects" dedicated to specific subjects or issues
- LVM Program:
  - Linux Project
  - VM Project
  - Virtualization Project
  - Linux and VM Technical Steering Committee

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Its all about the Volunteers!

All of our Speakers and Session Chairpersons!

- Project Managers:
  - Linux: Mark Post (Suse)
  - VM: Dan Martin (Rocket)
  - TSC Chair: Marcy Cortes (Wells Fargo)
- Deputies:
  - Neale Ferguson (SineNomine)
  - Openings available
- Scheduler:
  - Rich Smrcina (Velocity)
- Chair Wrangler:
  - Brian Jagos (CA)
- Program Dinner Host:
  - Jim Moling (Dept. of Treasury)

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Couldn't do this without them….

- IBM Representatives:
  - Richard Lewis
  - Alan Altmark
  - Bill Bitner
  - Jim Elliott
  - John Franciscovich
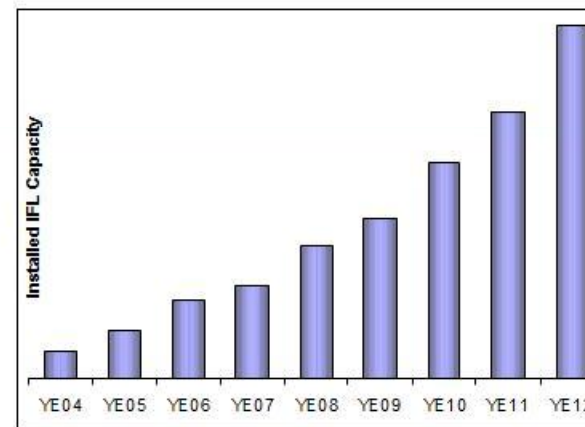 - Romney White

- Special Guest
  - Steffen Thoss

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Linux on IBM System z in 4Q2012
Installed Linux MIPS at 51% CAGR*

- 22.8% of Total installed MIPS run Linux as of 4Q12

- Installed IFL MIPS increased 32% from 4Q11 to 4Q12

- 36% of System z Customers have IFL's installed as of 4Q12

- 70 of the top 100 System z Customers are running Linux on the mainframe as of 4Q12 **

- 43% of new System z Accounts run Linux (FY10-3Q12)

- 32% of all System z servers have IFLs
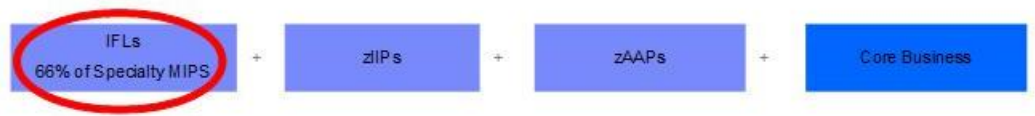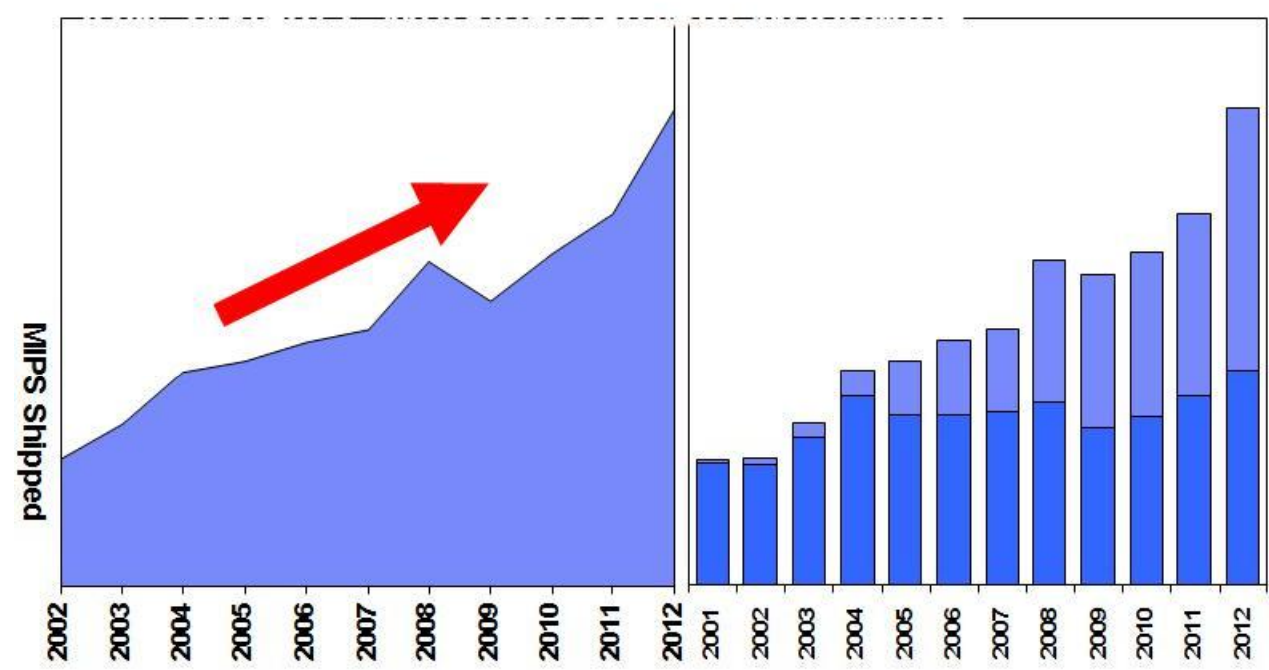
Installed Capacity Over Time

Installed IFL Capacity

YE04 YE05 YE06 YE07 YE08 YE09 YE10 YE11 YE12

*Based on YE 2003 to YE 2012
** Top 100 is based on total installed MIPS

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IBM System z Workload Growth Worldwide

MIPS Shipped

2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012

New Workload →

2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012

| IFLs 66% of Specialty MIPS | + | zIIPs | + | zAAPs | + | Core Business |

Source: IBM Market Research

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Highlights for LVM in San Francisco

- Direct, "hands-on" experience
  - Traditional labs (Union Square 23-24)
    - z/VM 6.2 SSI Installation and Configuration *or* SSI Migration
  - "BYOC" labs (Franciscan D)
    - Intro to REXX
      - *For "BYOC" – make sure you have a TN3270 emulator installed and fully charge your laptop*
- Customer experience sessions
  - Humana, Transzap, America's First, Isracard, Wells Fargo, Shelter Insurance, Nationwide
  - Customer panel
- "Grids" – All of the LVM sessions and some other session of interest
  - **http://tinyurl.com/sharelvm120**
  - Cards available to scan the QR code

Evaluations are Important!
Tell us how we are doing…

- LVM planners really use information from evaluations to determine what to offer
  - Which sessions are in demand?
  - Which are not?
  - What is missing?
- SHARE uses evaluations to determine best session awards. All speakers are volunteers, so this is recognition is important.
- Evaluate sessions:
  - **SHARE.org/SFEval**
  - **Online and via smart device**

Linux and VM Program Dinner
Eat, Drink and Be Merry

- Wednesday 7:00 – gather in the Hilton lobby (Dutch treat)
- Have dinner, dessert or both
- See Brian Jagos to sign up

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The Survey!

PENGUIN ARMY

- Richard Lewis, IBM
  - Our official counter!

Open Discussion – Your Turn to Talk!

- What do you hope to get out of SHARE this week?

- What are the main concerns at your company?

Complete your sessions evaluation online at SHARE.org/SFEval

Have a great week!

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