

# Leveraging the Linux on System z platform - "Fit for Purpose ?"

Gustavo Garcia  
ISO/ Verisk Analytics  
Manager of Infrastructure Engineering and Support

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# Agenda

- ISO / Verisk Analytics overview
- IST Overview and Strategic Direction
- **Leverage Linux on z**  
Decision Process
- **Experiences to Share**  
“ Wins, Loses and Ties “
- **Future**  
“ Current , Later and Much later “
- Summary

# ISO / Verisk Analytics

- Risk Mitigation Analytics
- Data Analytics and Decision Support
  - Insurance
  - Healthcare
  - Mortgage
  - Catastrophe Modeling

# IST Overview And Strategic Direction

- Mainframe
  - Z/196 and Z9 processors
  - Operating systems
    - 9 z/OS Ipars
    - 7 z/VM Ipars – hosting 300 SUSE Linux guest
- 80 Solaris servers
- 40 RedHat servers on Intel (VMware)
- Windows servers – 800 +
- Member Company / Infrastructure

# IST Overview and Strategic Direction

- Why Linux ??
  - Cost savings
  - Organizational Virtualization Strategy
  - WebSphere Application Hosting
    - Application Isolation
    - Load Balancing
    - High Availability
- On-going Development efforts to leverage environment
- Re-Platform other workloads

# Leverage Linux on z

- Decision process
- Cost savings ??
- Proximity relationships
- Operational fundamentals

# Experiences to Share

- The “ **WINS** “
  - ✓ Load balancer solution
  - ✓ Samba – “ easy solution / big results “
  - ✓ DR recovery process
  - ✓ Patch process back out

# Experiences to Share

- The “ **Loses** “
  - ✓ Where did the high mip usage come from ?
  - ✓ Member company moves to INTEL side
  - ✓ Security compliance dilemma



# Experiences to Share

- It's a “ **DRAW** “
- ✓ DRIVER 93
- ✓ Member company wants more services

# The next milestones in the journey

- **Current**

- Migration of MS/webSphere footprint

- Cognos on z/Linux

- ArcGIS

- Reduce Microsoft footprint

- **Later**

- UBD and webSphere MQ to z/Linux trials

- FSRV (HA)

- Enterprise (HA)

- **Much Later (“well not that much later”)**

- Enterprise “Managed Service”

- On-Demand

# Summary

- Email [ggarcia@iso.com](mailto:ggarcia@iso.com)
- Due Diligence
- Continue to improve the process /Make the next project Simpler

