


Linux Enterprise Applications

Session L60
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Agenda

- Review Enterprise Application Areas
- Cover Economic Models and Considerations for Enterprise Apps
- List Known Commercial Applications available for Linux on System/390 and zSeries



Warning: Moving Target!

- This presentation is a snapshot of public data about ISV support for Linux on S/390. This information changes daily.
- If you don't see an application, contact IBM and the application vendor.



Licensing

- Per Seat/Per Server
- OS and Applications
 - Dispense with OS license with Linux!
- Case Study: Telco



Platform Cost

- HW Requirements
- Expansion
- HW Migration



Platform Scalability

- Desktop to Data Center Compatibility Argument
- Palm to 2600MIP z900
- Palm to Cray



Manageability

- Cost of special purpose management apps vs straight telnet
- Cost of management HW (TS hydra, integrated management card + ethernet)
- Case Study: Intel



Personnel

- 50:1 server/person ratio for discrete server NT deployment
- 150:1 Linux
- Case Study: Intel



The Leveling Effect

- Common platform issue turns focus to product function and TCO rather than fictitious HW cost savings claims.
- Why replace a working system with something new?
 - 2 reasons: better TCO and faster TTM



Where Do We Stand Overall?

- ISV acceptance of Linux across the board is an established fact
- ISV delivery of Linux applications on Linux for S/390 and zSeries is a reality



Current Status

- ERP
- Infrastructure
- Tools and Utilities
- Desktop Support
- CRM
- System/Resource Management
- Databases
- Collaboration/Workgroup
- File/Print Services
- TP services



ERP

- SAP: Application Server Present
- BEA: Considering (waiting on JVM 1.3)
- Lawson: Considering
- Oracle: Beta with small customer group
 - Database first, apps later
- Peoplesoft: announced (avail later summer)



Infrastructure

- Mail: present
- Firewall: present
- DNS: present
- LDAP: present
- WWW server: present
- Java: present (several vendors)
- Etc, etc, etc...



Tools and Utilities

- Full
C/C++/C#/Java/Fortran/Pascal/Smalltalk/Modula-2/etc compiler: present
- Development management and source code control: present
- Crosscompiler for other architectures: present



Desktop Support

- Word processing: present and compatible with MS Office and/or Word Perfect
- Mail: open standards and MS Exchange plug-compatible client/server
- Familiar desktop apps and environment (GNOME, KDE)



CRM

- Opensource Available Now
- No news yet from commercial players



System/Resource Mgmt

- BMC Patrol: Available
- Tivoli: Not YET....
- HP OV: No Plan



Databases

- Oracle: in testing (small group)
- Sybase: interested but no public announcement yet
- Informix: purchased by IBM
- CA-Ingres: Available
- DB/2 UDB: Available
- Kdb: Available



Collaboration/Workgroup

- MS Exchange clone:
- Lotus Notes (Intel only...so far)
- Virtual PC solutions (run Intel binaries on zSeries)
 - Bochs



File/Print

- | | |
|-----------------------|--|
| ■ Samba | ■ LPR/LPD |
| ■ Netwhere | ■ LPRng |
| ■ N4TGW | ■ Samba based printing (direct to Windows-controlled printers) |
| ■ Columbia Appleshare | ■ NJE |
| ■ Xerox Courier | |




Transaction Processing

- Don't throw out VSE and OS/390 yet...8-)
- Limited RPC-based solutions in open source.
- MQSeries available



Summary

- Linux is ready for the enterprise.
- The ISVs think so.
- The success story for Linux will stand or fall with the number of ISVs convinced.
- Convincing the ISVs will be a joint IBM and customer effort – the more of us that ask, the better it will work.



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Presentation Foils

- www.sinenomine.net/downloads/vmvse