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Integrating IBM's Solutions
System and Performance Management of z/VM and Linux on System z

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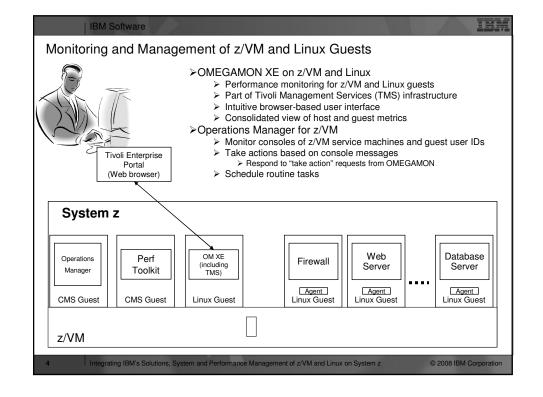
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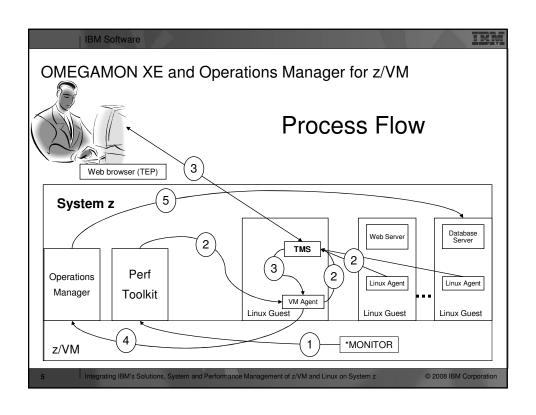
Agenda

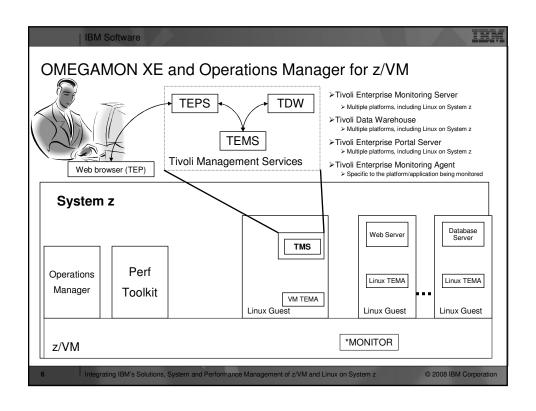
- Introduction
- Architectural overview
- Performance management scenarios
- System and storage management scenarios
- Summary

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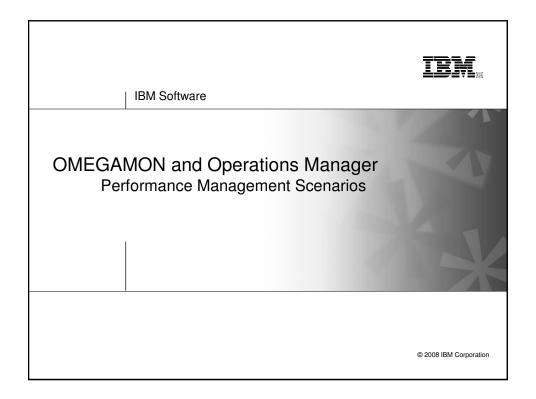
Introduction Products Tivoli OMEGAMON XE on z/VM and Linux Operations Manager for z/VM Backup and Restore Manager for z/VM Tape Manager for z/VM Archive Manager for z/VM Scenarios for system and performance management Z/VM systems with Linux guests z/VM systems without Linux guests











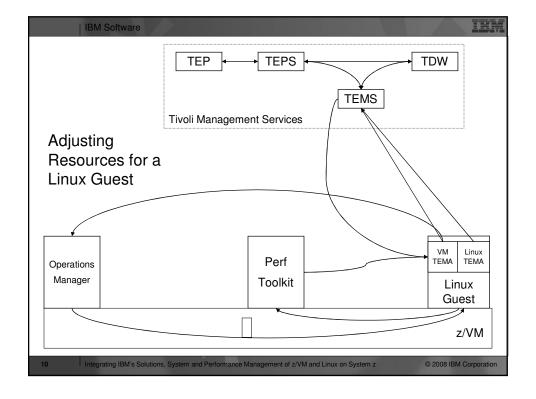
Adjusting Resources for a Linux Guest

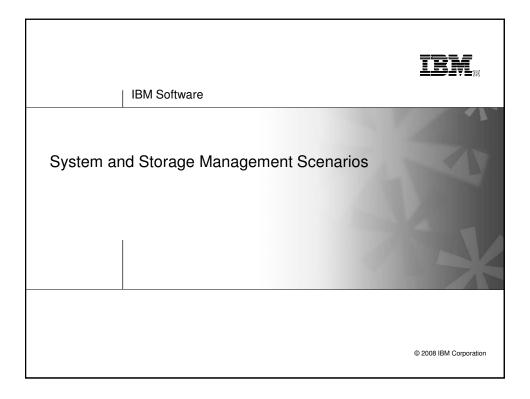
- Virtual CPU consumption is high for a Linux guest
- OMEGAMON XE detects the situation
 - Sends message to Operations Manager
- Action is triggered by a rule in Operations Manager
- Operations Manager issues CP commands to tune the guest
 - SET QUICKDSP
 - SET SHARE

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The triggered policy and action are viewable from TEP

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Scheduling Image Backups of Linux Guests • Initiated or scheduled by Operations Manager

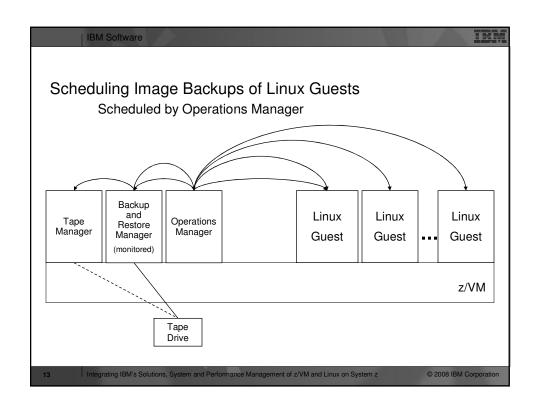
- Schedule defined in Operations Manager to initiate backups at specific times/intervals
 - May include multiple schedules to allow quiescing/backing up one guest at a time
- Action associated with each schedule
 - · Linux guest is quiesced

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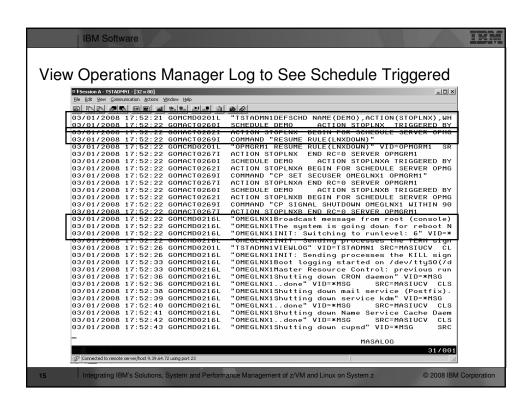
- Request sent to Backup and Restore Manager to back up the specific DASD/minidisks requested
- Operations Manager notified when the action is complete
- · Linux guest is reactivated

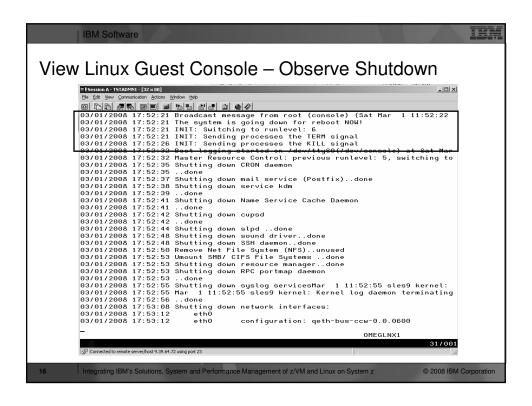
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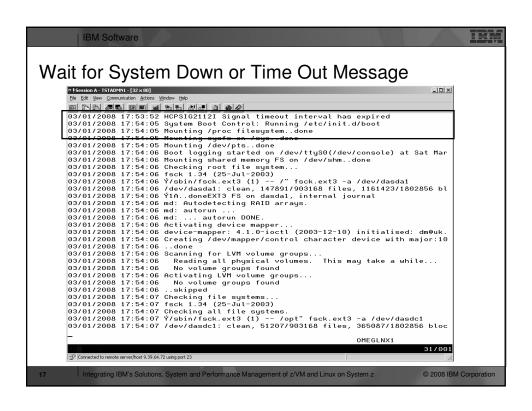
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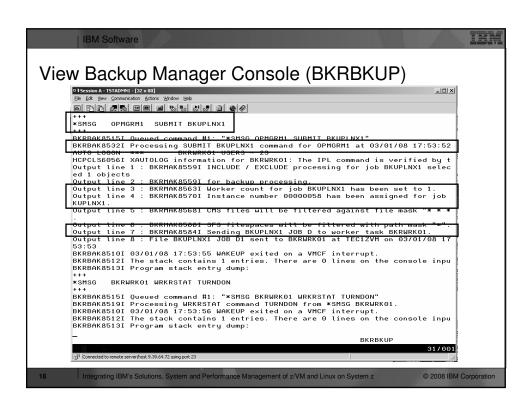


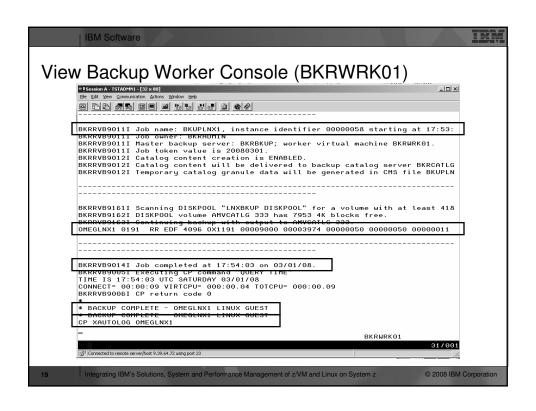


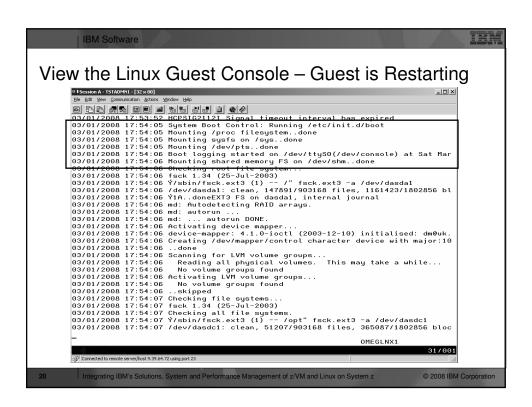


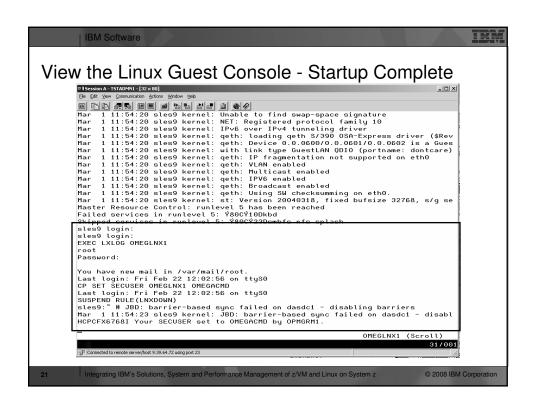


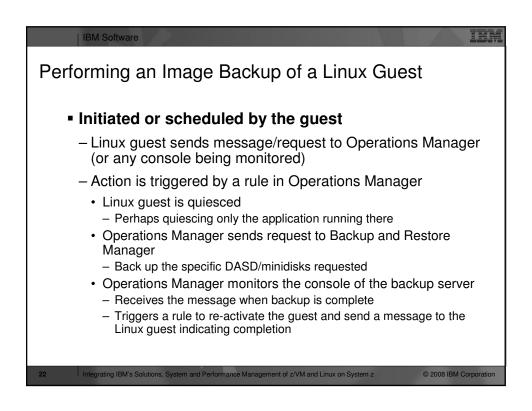


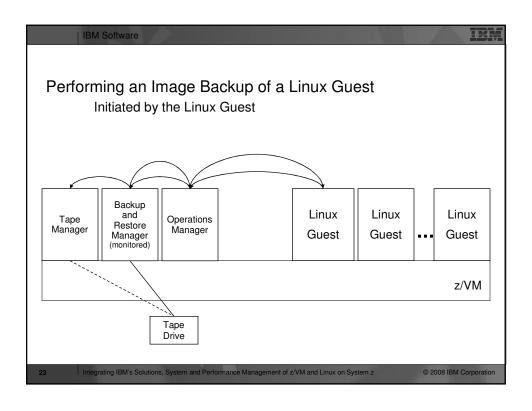


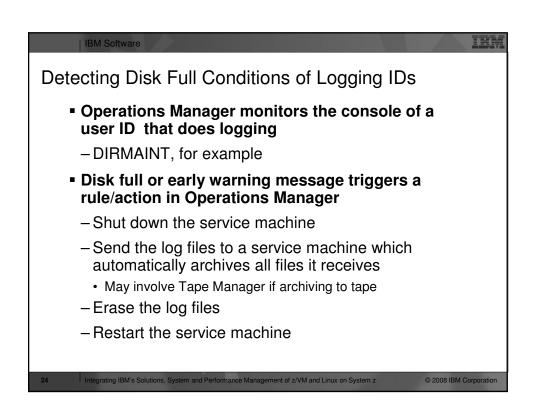


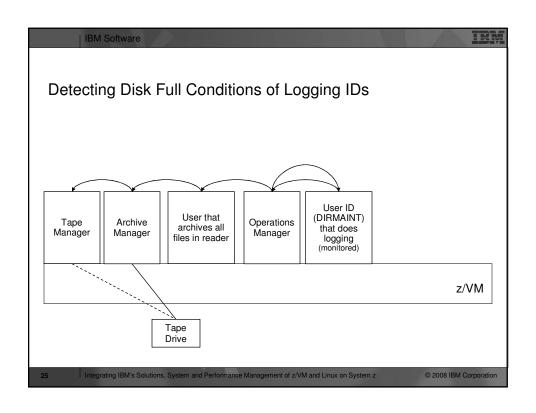


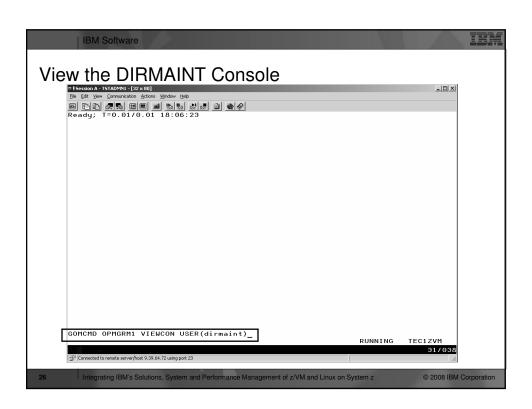


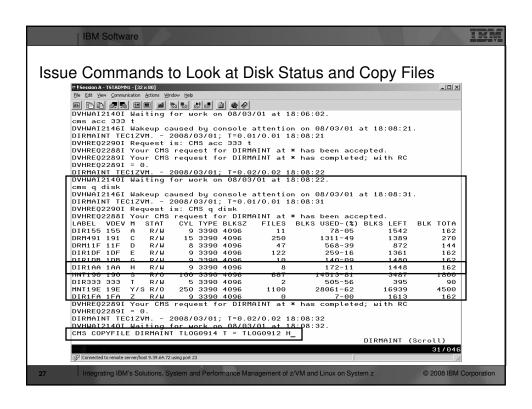


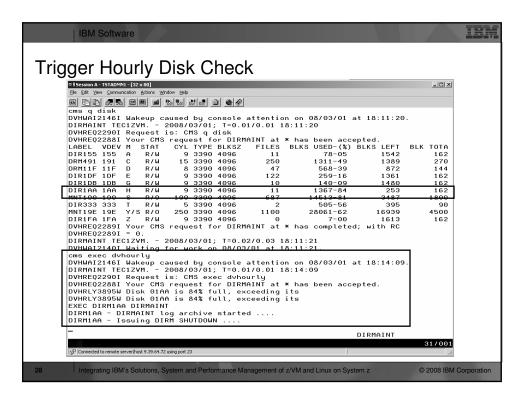


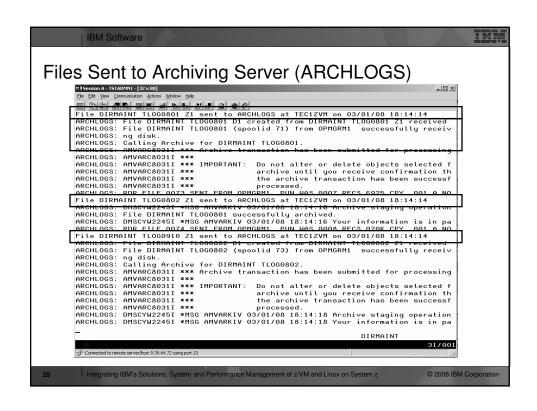


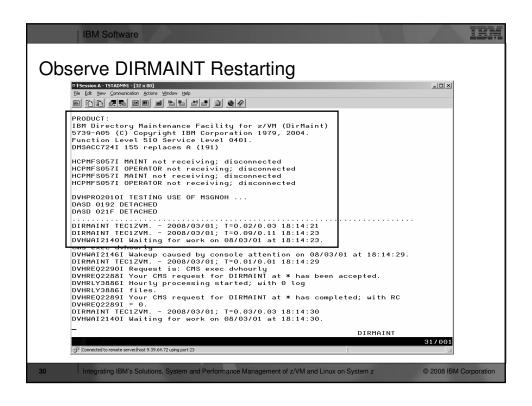


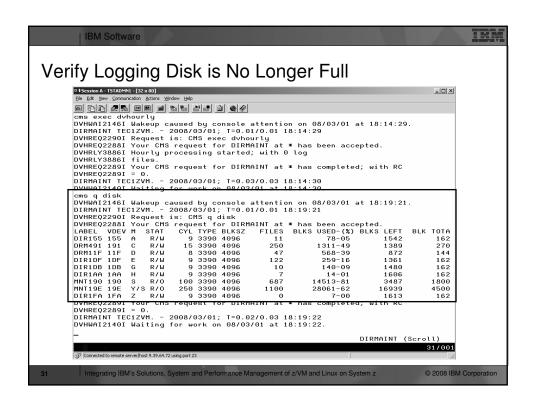


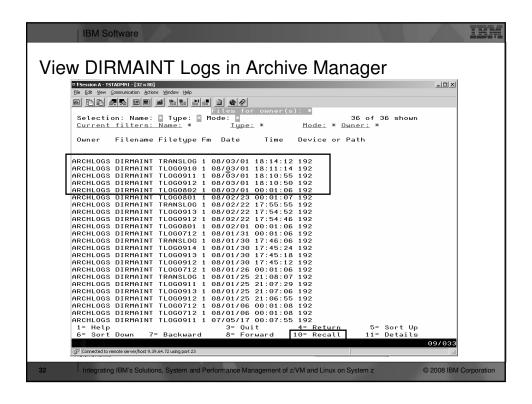












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Summary

- IBM solutions exist for customers running z/VM and Linux guests
 - OMEGAMON XE on z/VM and Linux
 - Operations Manager for z/VM
 - Tape Manager for z/VM
 - Backup and Restore Manager for z/VM
 - Archive Manager for z/VM
- Integrating these solutions can help
 - Automate daily tasks
 - Deal with predictable situations automatically
 - Schedule events

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