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IBM Dynamic Infrastructure for mySAP Business SuiteTM and SAP's Adaptive Computing

Course # CB45

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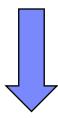
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IBM Dynamic Infrastructure and SAP's Adaptive Computing complement each other



IBM Can Help to Reduce TCO for SAP Customers





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Customer Pain Points

What led to the development of SAP's Adaptive Computing?



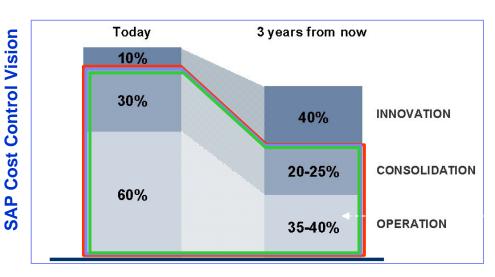
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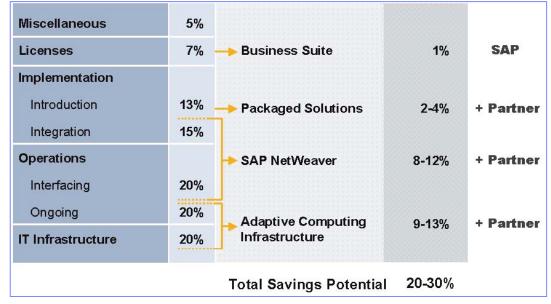
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SAP's Cost Control Vision



SAP's cost control vision will enable customers to achieve up to 30% savings, with Adaptive Computing Infrastructure even more



Source : SAP AG 2003 Henning Kagermann presentation at SAPphire Orlando

SAP Cost Component Vision

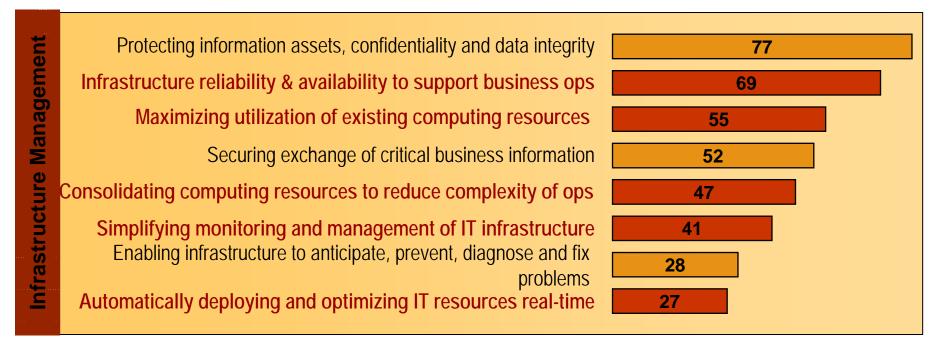


Client Priorities for an ON DEMAND BUSINESS"



Business Drivers: Reduce Costs, Deliver Better Service Levels, Respond Rapidly to Business Change

% of respondents rating high



Source: Attributes and Capabilities Study June 2003 by EBOD Corporate Market Intelligence 1350 IT executives and managers surveyed worldwide





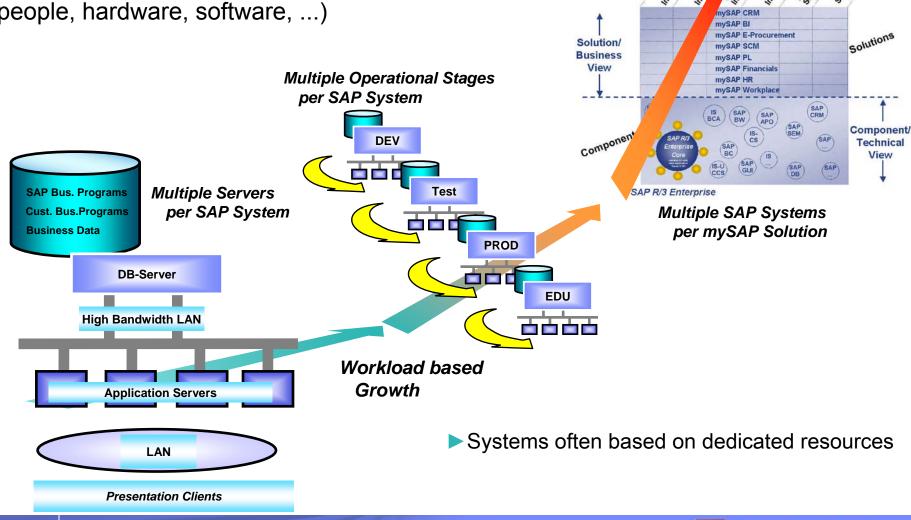
To Do: Infrastructure Simplification

- Increase the utilization of your computing resource
- Make your systems easier to manage
- Speed the implementation of new resources
- Improve the productivity of IT employees
- Reduce the complexity of the IT environment while maintaining its reliability and security



Increased SAP System Landscape Complexity

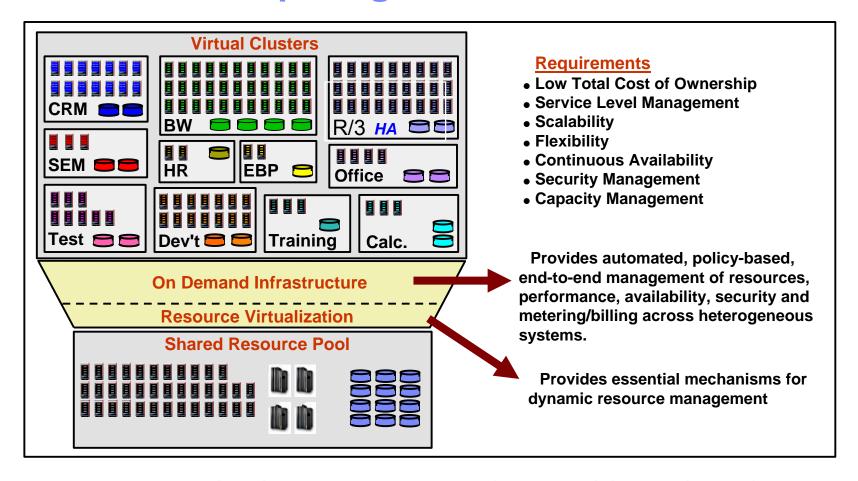
► ClOs must **reduce IT operational costs** while optimizing resource utilization (people, hardware, software, ...)



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On Demand Computing for SAP - Vision



- IT resources are pooled, virtualized, and allocated dynamically to satisfy changing business needs.
- Resources are well utilized, workload priorities are used to control consumption, and consumers pay for what they use.





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IBM Dynamic Infrastructure for mySAP Business Suite

How IBM's Dynamic Infrastructure complements SAP's Adaptive Computing



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SAP Adaptive Computing Compliance Test

- Components: Computing Node & Storage Technology & ACC Version
- IBM pSeries (AIX and IBM TotalStorage SANFS), May 2004
- IBM eServer xSeries and BladeCenter (Linux SLES 8 and IBM TotalStorage), July 2004
- IBM eServer xSeries and BladeCenter (Linux SLES 8 and Network Appliance Storage), July 2004
- Details on http://service.sap.com/adaptive







Central Requirement for SAP Environments: Service Virtualization

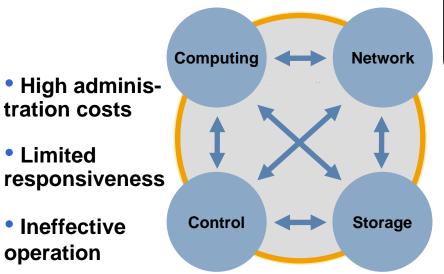
- Decouple service (SAP Instance) from a specific server
- Enable a service to run on any server out of a server farm
- OS users and groups centrally managed
- All data installed on a distributed filesystem
- Virtual hostnames
 - helps to ensure that a service is always reachable by the same hostname and IP address
 - is assigned to a service and moves with the service

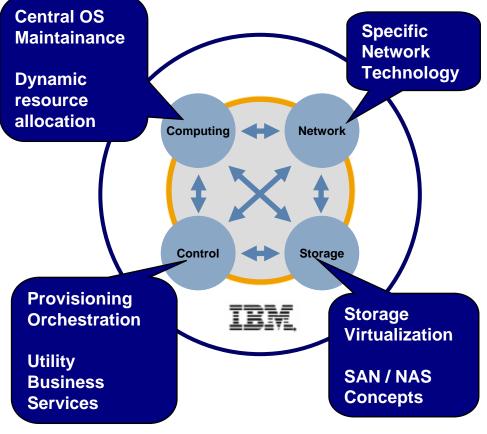




IBM Dynamic Infrastructure complements

SAP's Adaptive computing





Customer's Business Issues

SAP's Adaptive Computing requires functionality

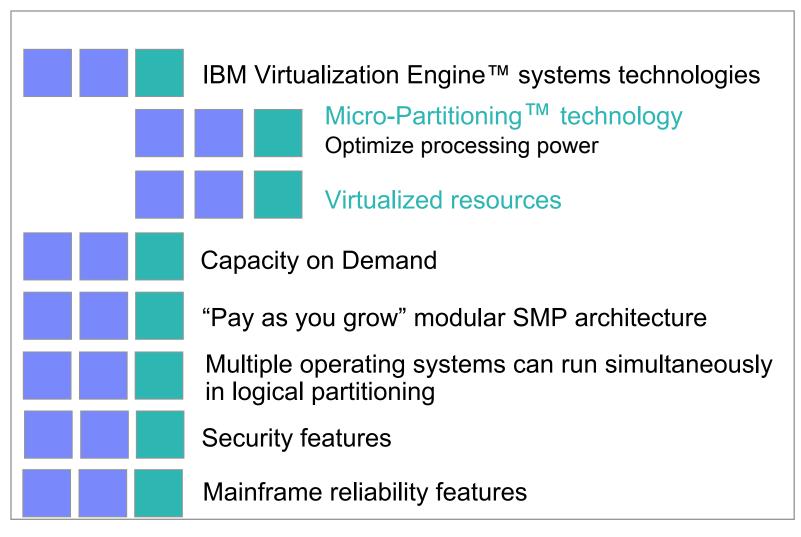
Goal: "Be able to start any service on any server at any time "

IBM complements SAP's concept through technology solutions





Key Features of IBM @server Complementing SAP's Adaptive Computing





IBM and SAP Share a Common Vision...

- SAP Treat a business application like an application service
- **IBM** Optimize IT infrastructure through virtualization and automation
- **Technology** Shared services and service virtualization
- **Add-on -** Automated, policy-based end-to-end management of resources and metering/billing
- **Customer Benefit** Capacity-on-demand capabilities for SAP business-critical applications
- **Common Value Proposition**
 - Reduce cost of operation
 - Harmonization of IT-Landscape
 - Flexibility and Scalability





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IBM Dynamic Infrastructure – Roadmap to TCO reduction

IBM Dynamic Infrastructure Enterprise Edition for mySAP™ Business Suite **V1.0** – **January 2005**

Implements and Complements SAP's Adaptive Computing Concept

Automation of standard provisioning tasks (add/remove application/database servers)

Dynamic Provisioning and Orchestration complement the SAP Adaptive Computing Concept

Delivered as IBM Dynamic Infrastructure Enterprise Edition product

ITS provides design and delivery services

Available as shrink-wrap soft-bundles (including HW,SW and Services)

IBM Dynamic Infrastructure Enterprise Edition for mySAP™ Business Suite **V2.0***

Exploitation of LPAR resizing

Adds System Cloning for SAP Systems

Adds SAP ACC Integration

Extends platform coverage

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Summary

IBM Dynamic Infrastructure for mySAP Business Suite

- ✓ Provides automated, policy-based, end-to-end management of resources, performance, availability, security and metering/billing across heterogeneous systems
- ✓ IT resources are pooled, virtualized, and allocated dynamically to satisfy changing business needs
- Customers can potentially lower their TCO and invest in innovation





Where to Get More Information?

IBM/SAP Portal

http://w3.ncs.ibm.com/sap

IBM Dynamic Infrastructure Sales Guide

http://ncs.ibm.com/cspaper.nsf/HTitle/OBTOS-63CKNX?OpenDocument&Area=SAP

Contact

isicc@de.ibm.com



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End Of Presentation





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