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Internal Web site for more information
<http://w3.developer.ibm.com/isvsolutionlink/oracle>

IBM Contact Information:

<http://www.ibm.com/contact/us>

Additional Contacts:

IBM xSeries Oracle9i RAC Website:

[http://www.pc.ibm.com/ww/eserver/xseries/clusteri
ng/parallel_server.html](http://www.pc.ibm.com/ww/eserver/xseries/clusteri
ng/parallel_server.html)

Oracle IBM Partner Site:

<http://www.oracle.com/ibm/>

IBM® @server xSeries™

Intel® based platforms for Oracle database and applications

QUICK REFERENCE CARD



August 2004

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IBM @server & TotalStorage Advantage

Application Flexibility providing the choice of building and deploying applications from a foundation of legacy and open standards with a strong commitment to open source and Linux.

Innovative Technology for extreme performance, outstanding scalability, reliability and security.

Risk Mitigation by leveraging all IBM servers, storage, finance, middleware, etc. and the ISV relationships.

Infrastructure Efficiency with self-managing systems and distributed computing over a network.

TCO Reduction via a vast portfolio of mainframe, UNIX, Intel-based and integrated servers and disk, tape or NAS storage



zSeries mainframe servers

Maximum performance, security and reliability for transaction processing and workload consolidation, supporting z/OS and zLinux.



pSeries UNIX-based servers

Powerful, scalable, and reliable UNIX servers, leveraging IBM's POWER technology running AIX and Linux.



xSeries Intel -based servers

Affordable, expandable and scalable systems running Windows®, Linux®, Novell® and other operating systems

Enterprise Storage Server

Intelligent storage servers, designed to be one of the most versatile and cost-efficient storage servers in its class.

FASTt Storage Servers

For data protection with dual redundant components, multiple RAID levels, LUN masking and enhanced management options

Tape storage devices

Include the 3494 Enterprise Tape Library, the enterprise Virtual Tape Server and the line of Linear Tape-Open (LTO) technology midrange and high-end libraries.

Leading Benchmark Results

"The **Oracle Applications Standard Benchmark**, (OASB), is a comparable standard workload which demonstrates the performance and scalability of Oracle Applications and provides metrics for the comparison of Oracle Applications performance on different system configurations." Current results are posted at:

http://www.oracle.com/apps_benchmark/html/results.html

These results show that the IBM xSeries model 445 leveraging its Enterprise x-Architecture™ blueprint maintains the highest concurrent user count for any Intel® based server running Linux on the OASB version 11.5.6.

System:	IBM xSeries 445, 8-way (2.8GHz) 32GB
User Count:	18,368 (OASB 11.5.6)
Average Response Time:	0.59 seconds
Database:	Oracle 9i R2 Enterprise Edition
Operating System:	SUSE Linux Enterprise Server 8
Date Submitted:	November 6, 2003

IBM xSeries is also working on Oracle Database 10g benchmarks. Results expected soon!

System:	IBM xSeries 365, 4-way (3.0GHz) 32GB
User Count:	TBD (OASB 11.5.9)
Average Response Time:	TBD seconds
Database:	Oracle Database 10g
Operating System:	Red Hat Enterprise Linux AS 3.0
Date Submitted:	TBD

Oracle Certifications on xSeries:

Oracle has identified the operating systems below as strategic components of its overall platform strategy for Intel based servers. Oracle now certifies their code to the operating systems (OS) listed in the table below. Any server that the operating system vendor lists as certified on the OS vendor's website, Oracle will in turn regard as certified to run Oracle9i.

Oracle Certification Guidelines:

<http://otn.oracle.com/support/metalink/content.html>

IBM	Windows 2003 Enterprise Server*	Red Hat Enterprise Linux AS 3.0	SuSE Linux Enterprise Server 8
IBM BladeCenter 4-way Intel	√	√	√
IBM BladeCenter 2-way Intel	√	√	√
x445 4/8-way	√	√	√
x365 4-way	√	√	√
x345 2-way	√	√	√
x335 2-way	√	√	√
e325 2-way (AMD-based)	√	√	√
x305 1-way	√	In Plan	√
x255 4-way	√	In Plan	√
x235 2-way	√	√	√
x205 1-way	√	√	√
x382 2-way (64-bit)	√	√	√
x455 4/8-way (64-bit)	√ (4/8-way)	√ (4/8-way)	√ (4-way)

* No support for Network Attached Storage.

Why IBM Servers for Oracle?

IBM's strong technology relationship with Oracle. See: <http://oracle.com/collateral/letter.rtf>

IBM's onsite engineering and hardware resources at Oracle Corporation

IBM @server xSeries provides an extremely wide array of scalable hardware solutions

IBM's award winning (PC Magazine Editor's Choice, IBM Director 3.1, October 2002) systems management capabilities which help maintain uninterrupted operation and help lower Total Cost of Ownership

IBM's world-class sales, support and service – proven commitment to customer satisfaction.

Oracle and Linux Competency & Solution Centers provide technical expertise, benchmarking, sizing, customer briefings

IBM xSeries Oracle Sizing Lab – located in San Mateo, California to validate Oracle sizing assumptions – located within minutes of Oracle's headquarters in Redwood Shores, CA

IBM Linux Technology Center – Headquartered in Beaverton, Oregon aims to provide datacenter hardened features to enhance Linux

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