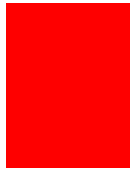




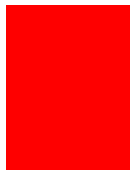
What's New from Database Development?



Oracle Database 11g

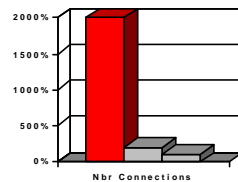
What are some of the top features?

- **Faster Performance**
 - Across the board
- **SecureFiles**
 - Manage all your data
- **Partitioning**
 - Divide & conquer large tables
- **Compression**
 - Manage more data for less
- **Cube Organized Materialized Views**
 - Faster analytics
- **Active Data Guard**
 - Productive standby resources
- **Manageability**
 - Reducing time & complexity
- **Real Application Testing**
 - Reducing risk of change



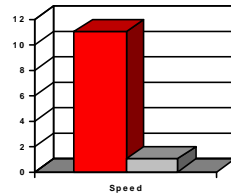
Faster Performance

Database Resident Connection Pool



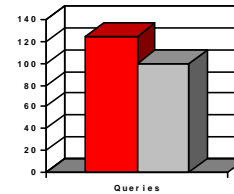
**Up to
20 x connections**

Java Just-In-Time Compiler



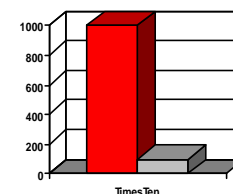
**Up to
11 x Faster**

Query Result Caching



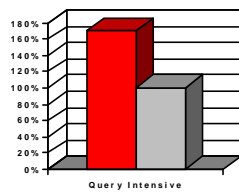
**Up to
25% Faster**

In-Memory Database Cache



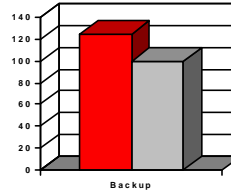
**Up to
10 x Faster**

RAC Performance Enhancements



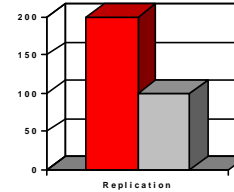
**Up to
70% Faster**

Oracle Secure Backup



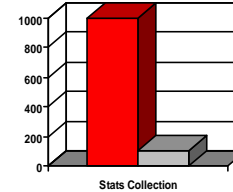
**Up to
25% Faster**

Oracle Streams Enhancements



**Up to
2 x Faster**

Optimizer Stats Collection

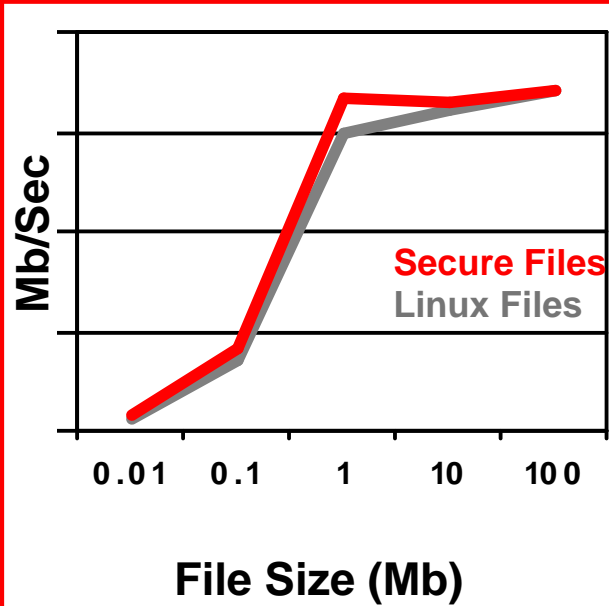


**Up to
10 x Faster**

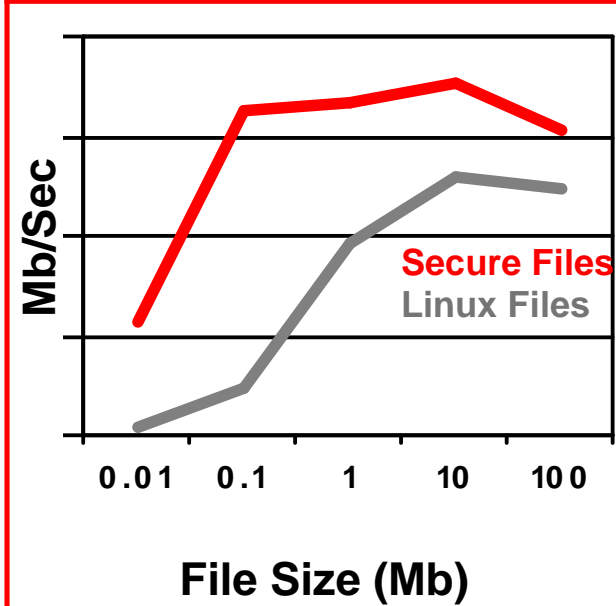
Oracle Secure Files

Manage all your data

Read Performance

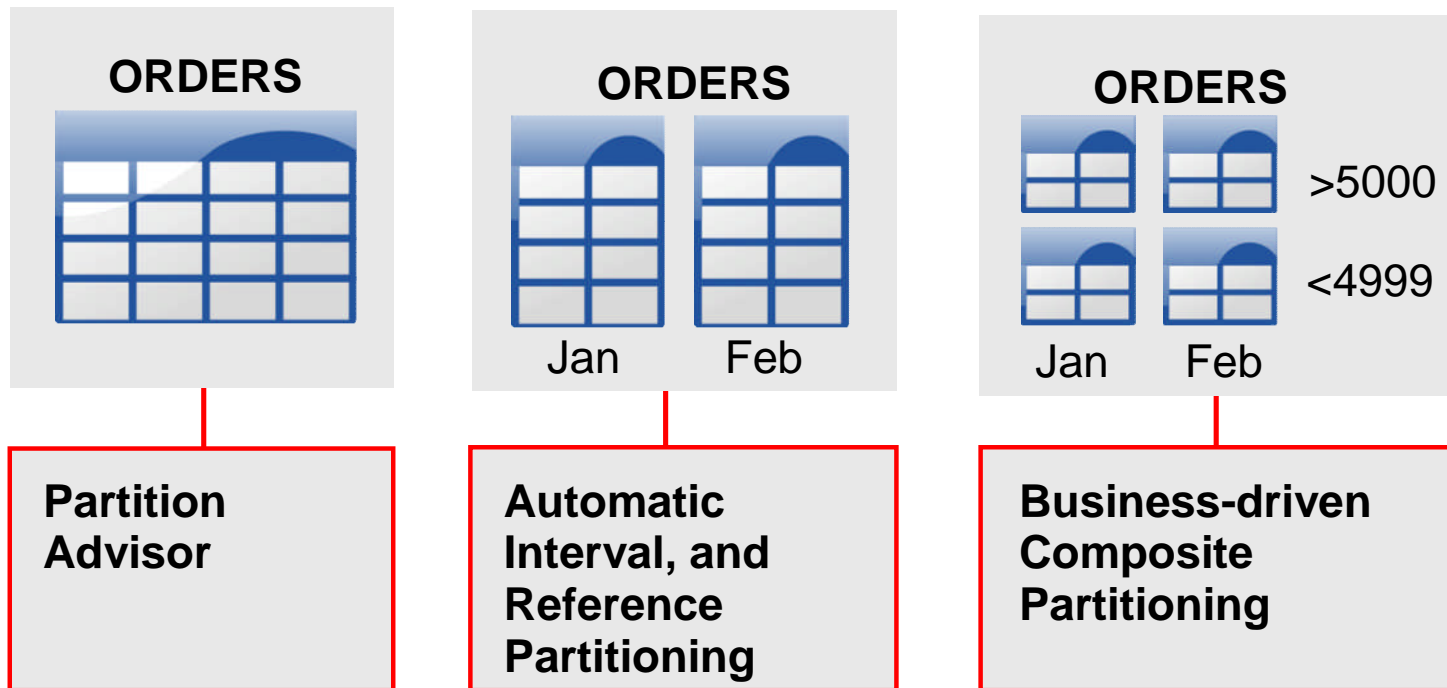


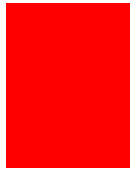
Write Performance



Oracle Partitioning

Divide and Conquer Large Tables





Advanced Compression

Manage more data with less

Compress Large Application Tables

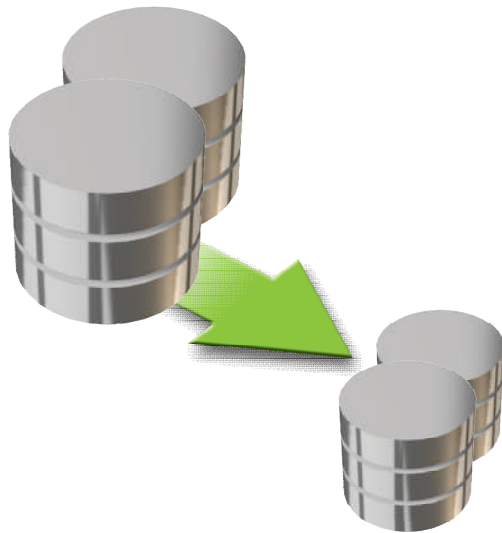
- Transaction processing, data warehousing

Compress All Data Types

- Structured and unstructured data types

Typical Compression of 2-4X

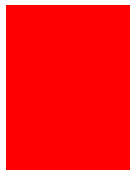
- Cascade storage savings throughout data center



Up To

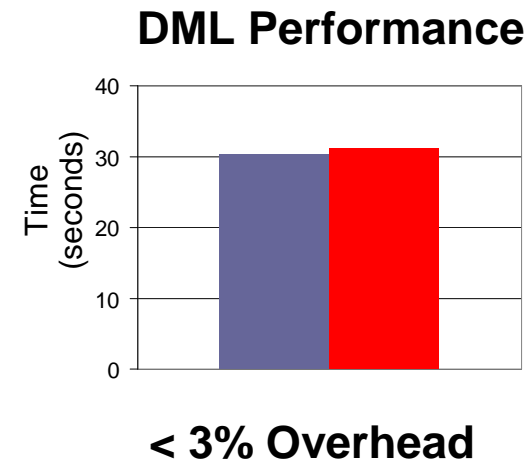
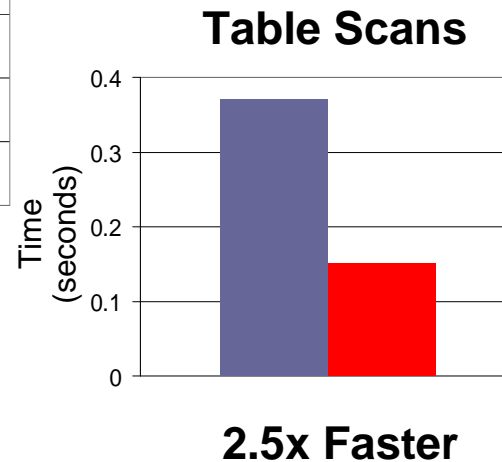
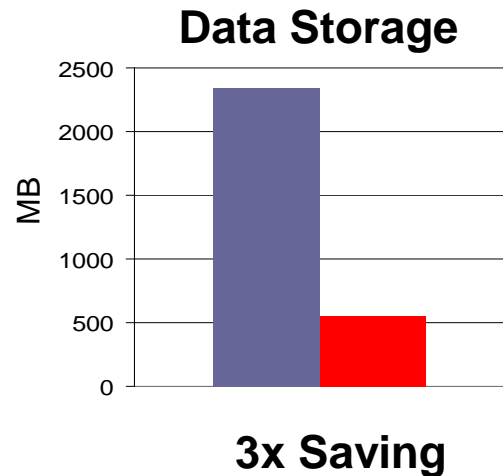
4X

Compression



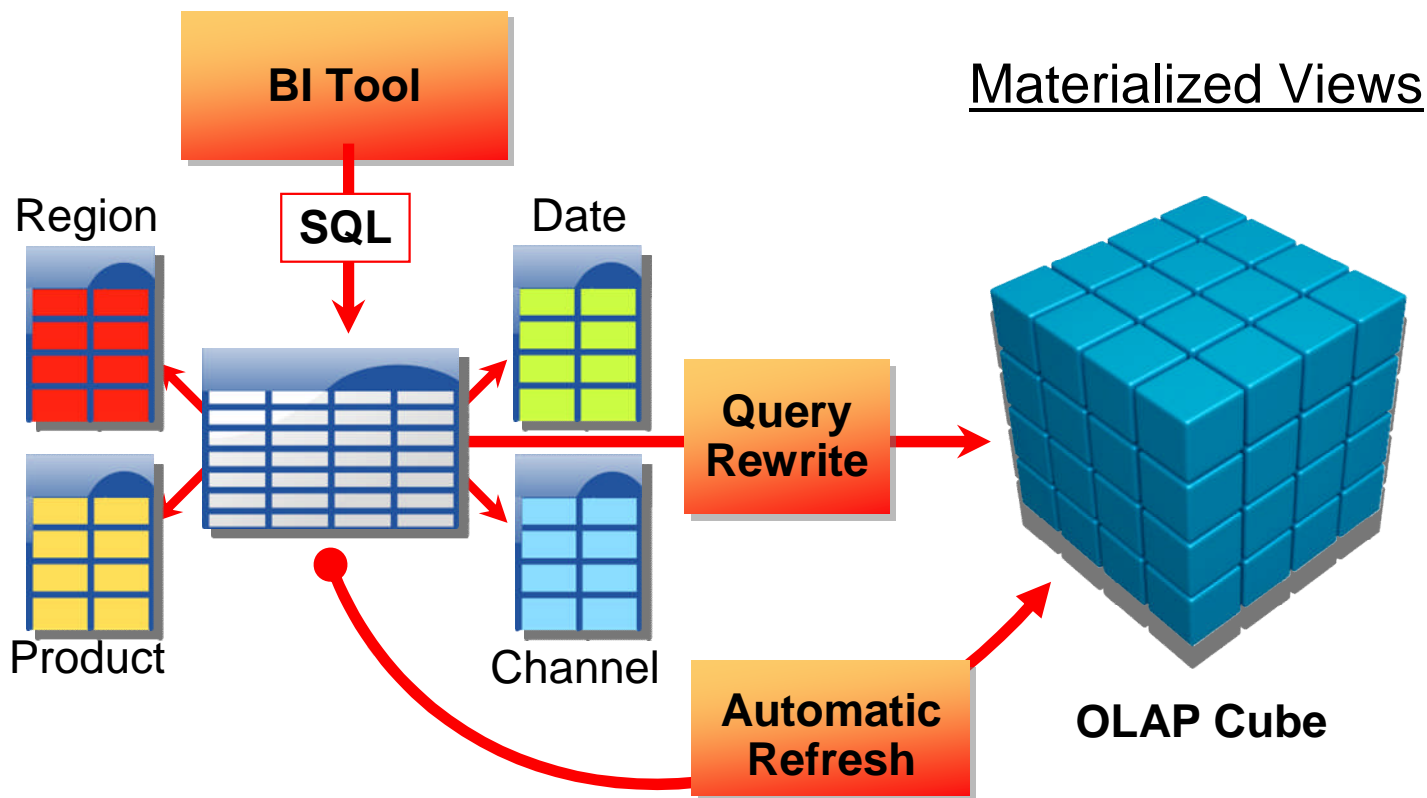
Real World Compression Results

10 Largest ERP Database Tables



Cube-Organized Materialized Views

Faster Analytics





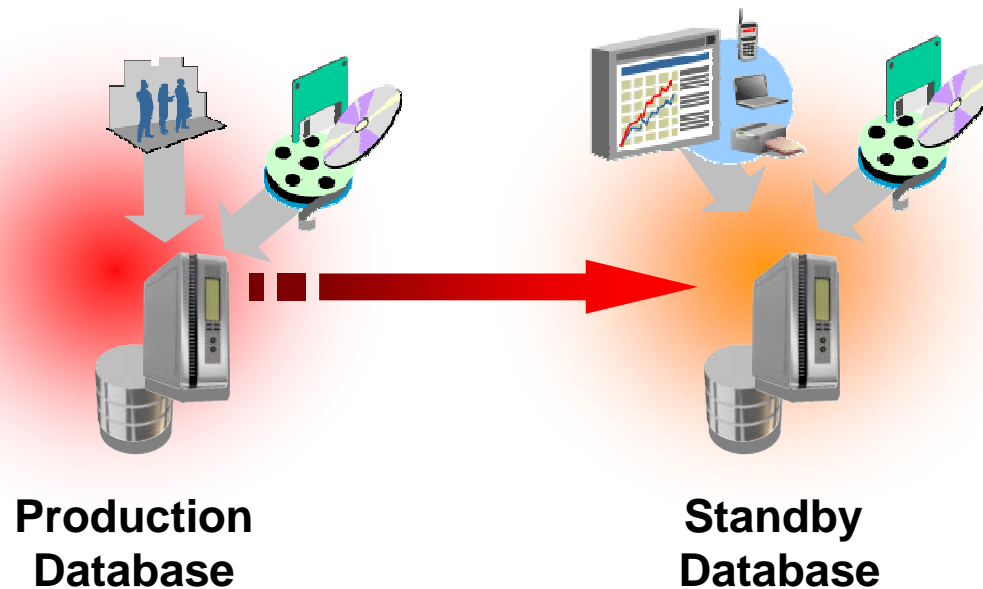
D E M O N S T R A T I O N



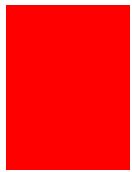
Cube Organized Materialized Views **'Improving Query Performance'**

Oracle Active Data Guard

Productive standby resources

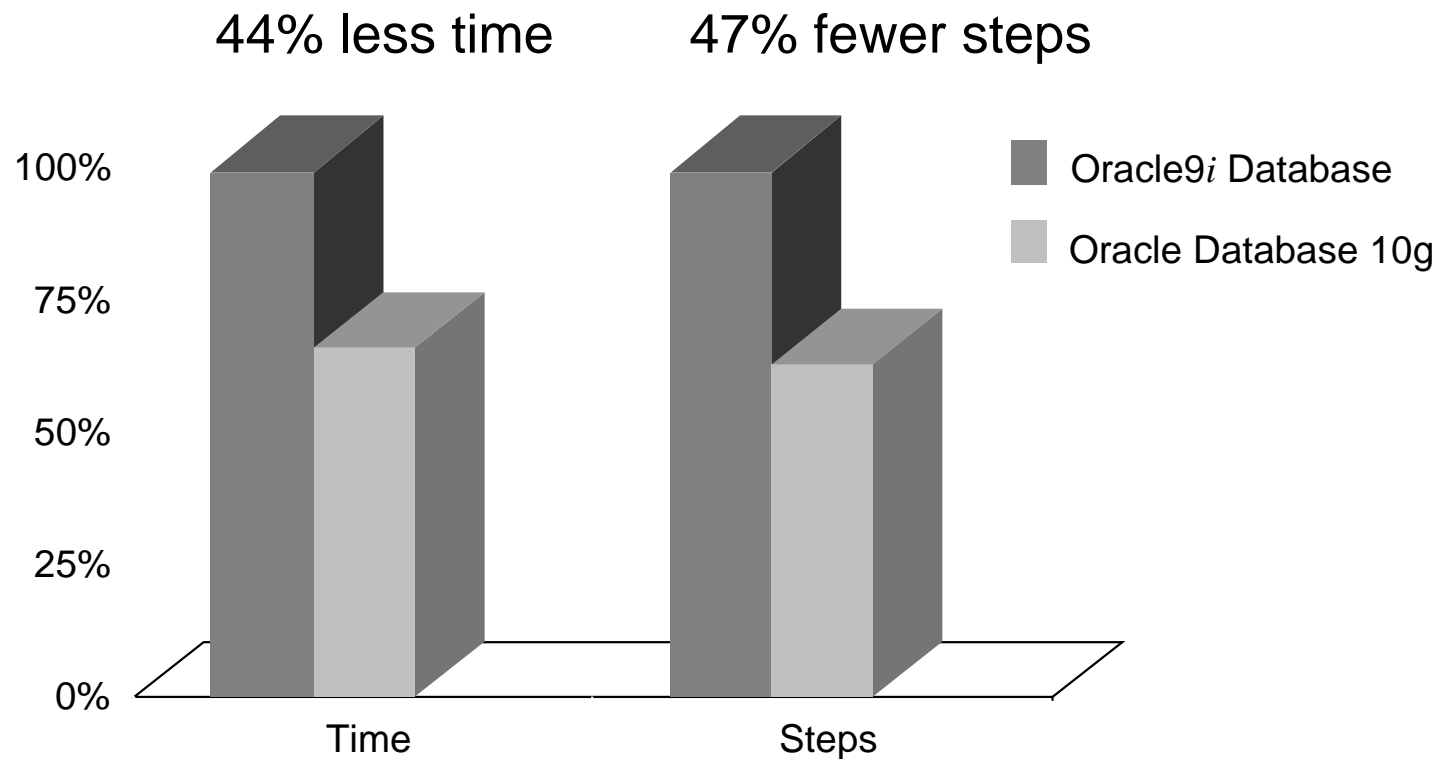


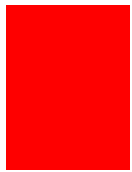
- Simultaneously available in read and recovery mode
- Complete database and fast incremental backups



Oracle Database 10g vs Oracle9i Database

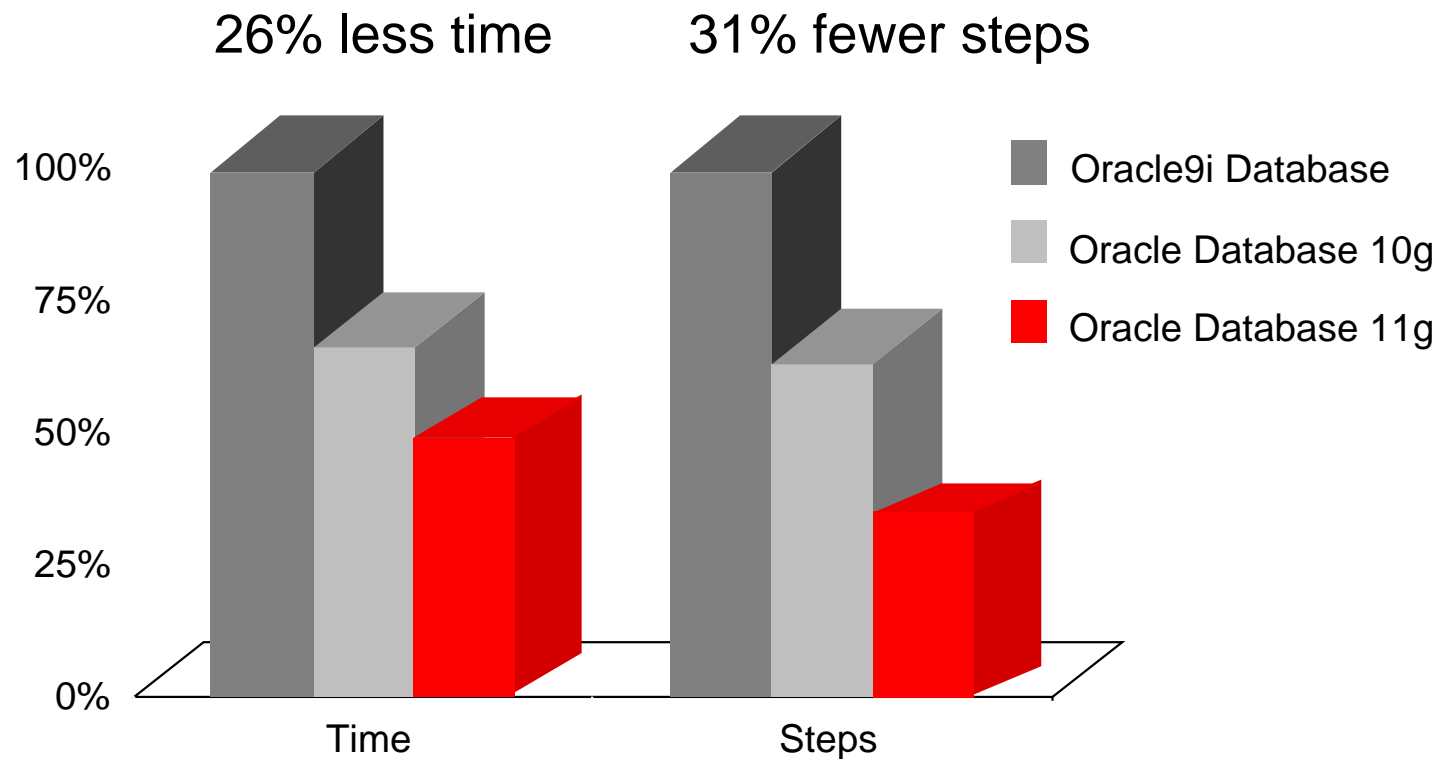
Reducing time and complexity





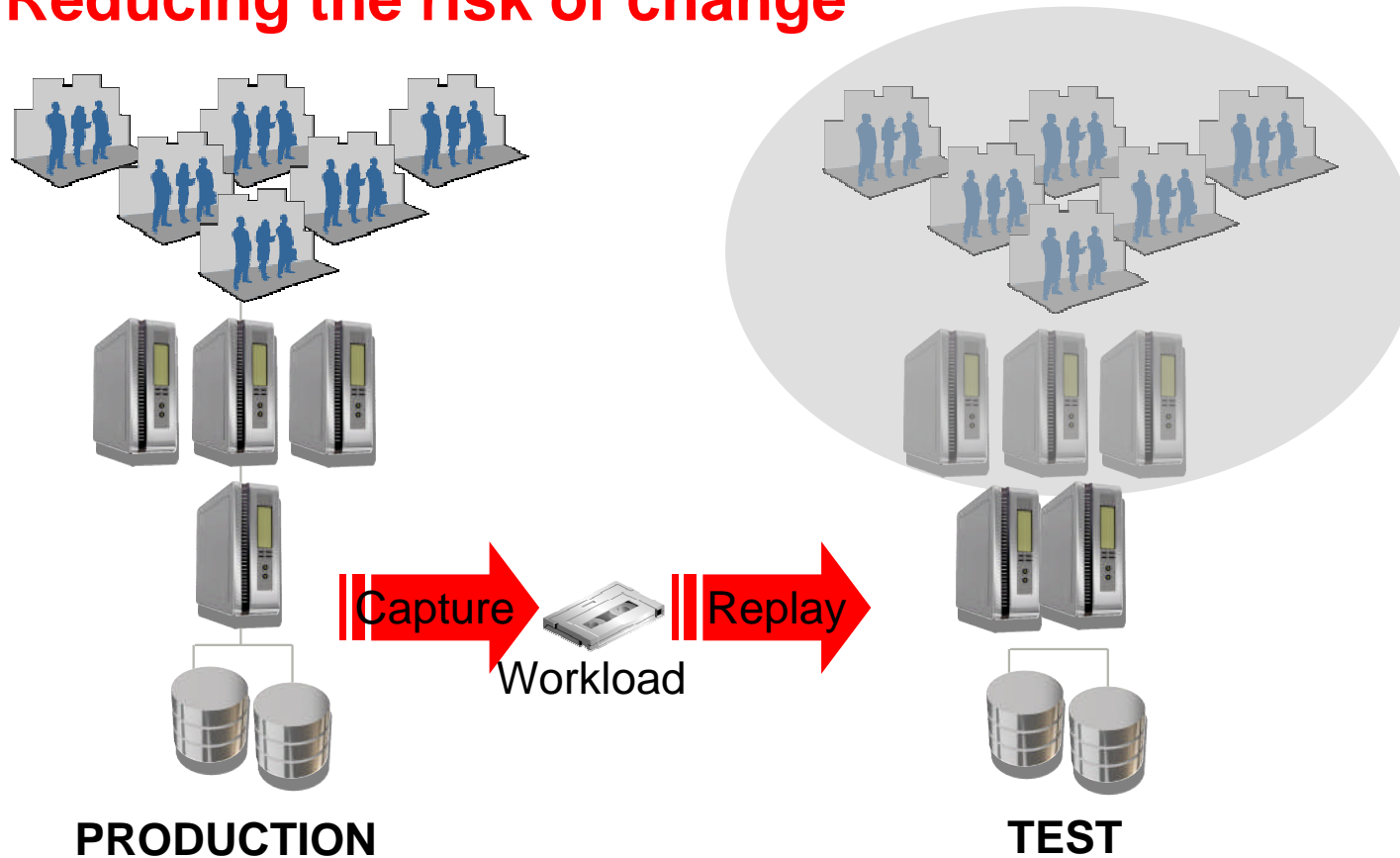
Oracle Database 11g vs Oracle Database 10g

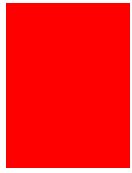
Reducing time and complexity even more...



Oracle Real Application Testing

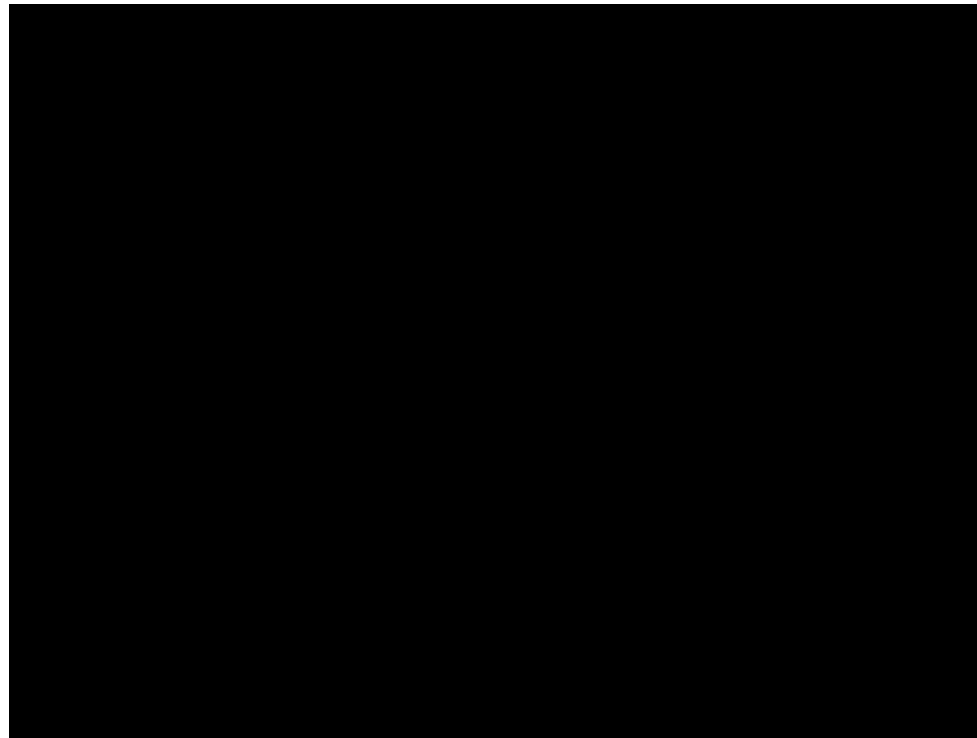
Reducing the risk of change

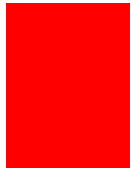




Oracle Database 11g

What customers are saying





Oracle Database 11g

Application Certification

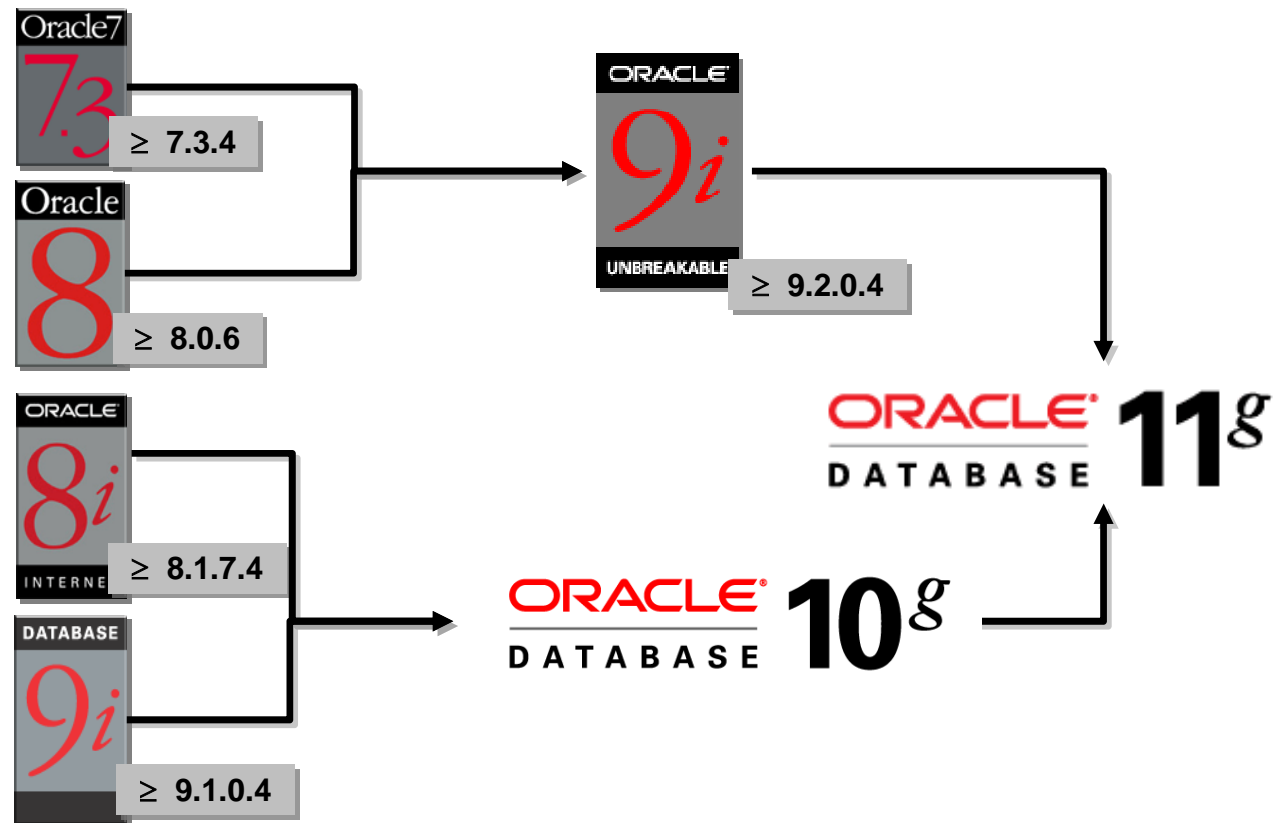
- | | |
|---------------------------------|--------|
| • E-Business Suite | ✓ Done |
| • PeopleSoft | ✓ Done |
| • Siebel | ✓ Done |
| • JD Edwards | ✓ Done |
| • 3 rd party vendors | ✓ Done |

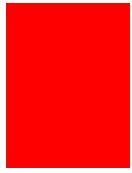
ISVs running on Oracle Database 11g



ORACLE®

What are the upgrade paths to 11g?





Upgrade Companion

<http://search.oracle.com>

upgrade companion



or

www.oracle.com/mysupport



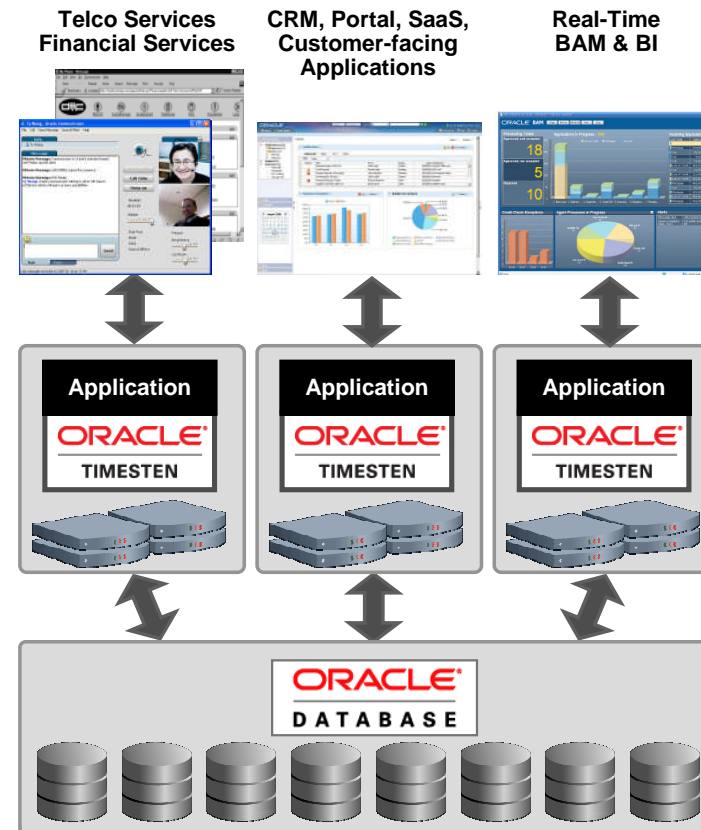
What's New From Development?

- **First patchset now shipping**
 - Linux 32/64
- **Applications Certification**
 - Oracle and ISV applications
- **Real Application Testing**
 - Backport to Oracle9i and 10g
- **In Memory Database Cache**
 - New enterprise edition option
- **Database Vault**
 - for eBusiness Suite and Siebel
- **Oracle Secure Backup 2.0**
 - Tape vaulting
- **SQL Developer 1.5**
 - Migration and modeling
- **Application Express 3.1**
 - New reporting and forms migration
- **Cloud computing**
 - For development and backups
- **Oracle Optimized Warehouses**
 - More choices available

Oracle In-Memory Database Cache

New Enterprise Edition Option

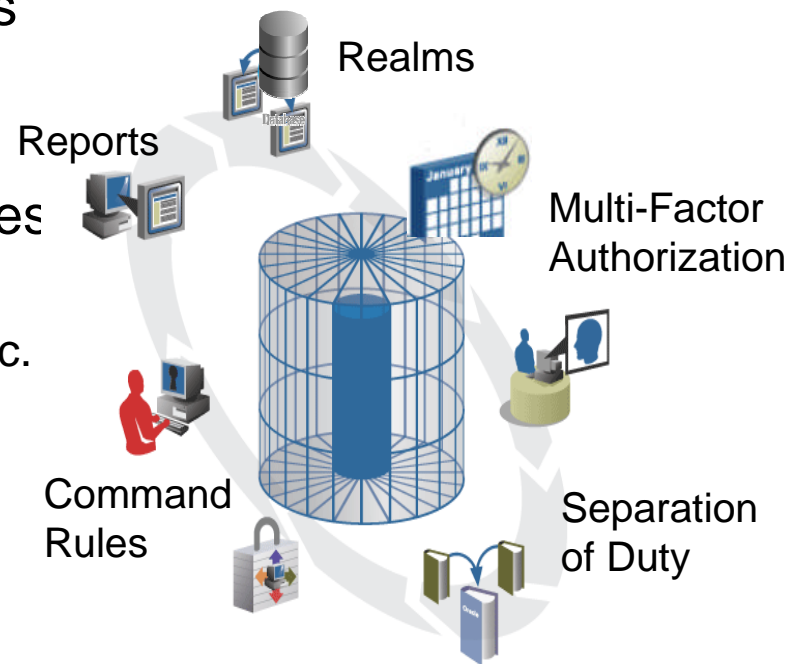
- Deployed in the middle tier, close to the application
- Instant responses with high throughput
- Operates as a read/write cache for Oracle Database
- Provides replication for high availability and scalability

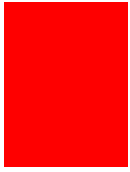


Oracle Database Vault

Compliance and Insider Threats

- Controls on privileged users
 - Restrict access to data
 - Provide separation of duty
- Enforce data security policies
 - Who, when, where and how
 - Based on IP address, time, etc.
- Applications supported
 - Peoplesoft
 - eBusiness Suite
 - Siebel

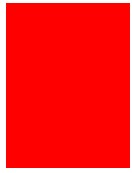




D E M O N S T R A T I O N



Oracle Audit & Database Vault 'Protecting Information'

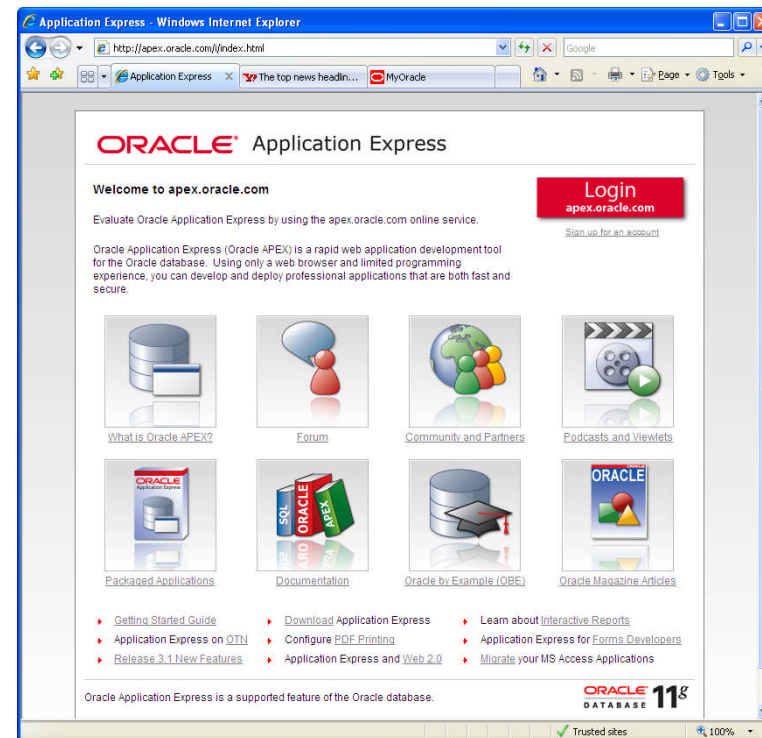


For Database Developers

- Developer tools included with Oracle Database
 - SQL Developer, Application Express, .NET, etc.
 - Download off OTN.oracle.com
- SQL Developer 1.5
 - Migration from non-Oracle databases
 - New modeling tools in beta
- Application Express 3.1
 - New reporting capabilities
 - Forms migration in beta

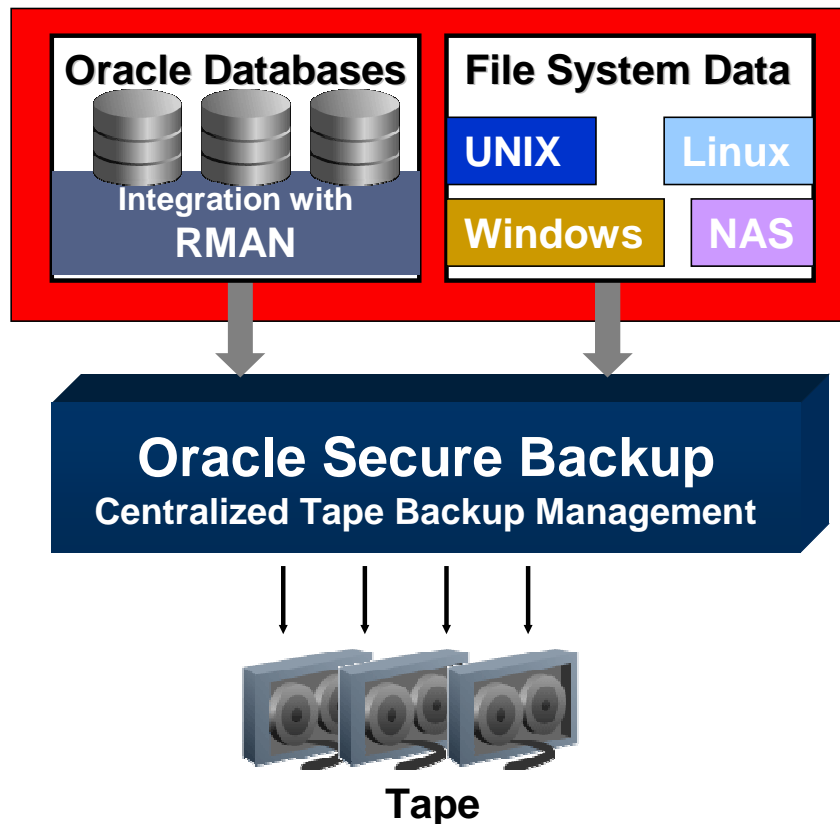
Oracle Database Development Cloud

- Apex.oracle.com
- 14000 users
- 300 new users weekly
- 10M page views/month
- Free



Oracle Secure Backup

Integrated Tape Backup Management

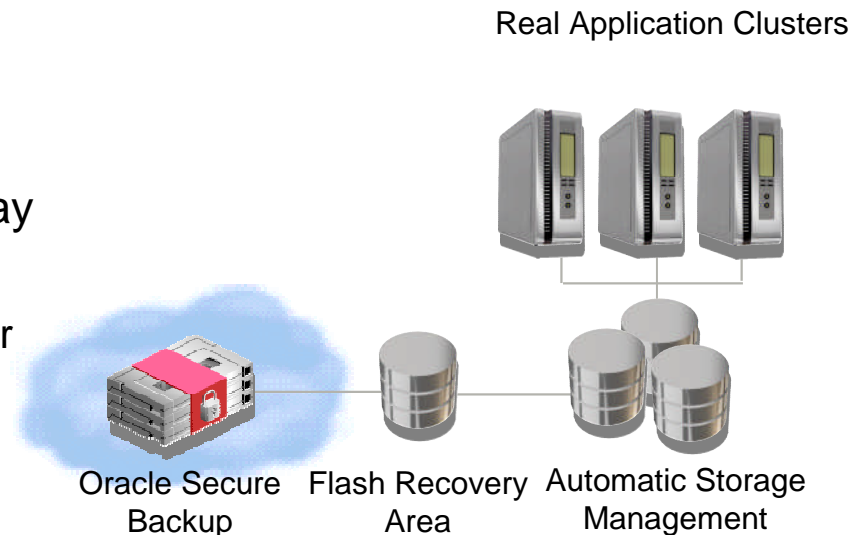


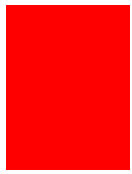
- Protects entire environment
 - Database files
 - Application files
- Integrated Oracle solution
- Fast database backup to tape
- Secure backup domains
- Encrypted database backups
- Reduced cost and complexity

Offsite Backups to the Cloud

New Oracle Secure Backup interface

- Works with all editions of:
 - Oracle Database 10g
 - Oracle Database 11g
- Amazon S3 supported today
- Uses familiar interfaces
 - Oracle Enterprise Manager
- Encrypts data backups

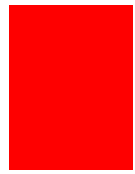




Oracle Database In the Cloud

- Easy Deployment in the Cloud
 - Amazon EC2 supported today
 - Pre-created Virtual Machine Images
 - Deploy Oracle to Cloud in minutes
- Available for all editions
 - Supported on the Cloud

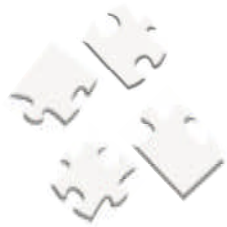




Oracle Optimized Warehouses

More choices available

Custom Solutions



Flexibility for the most demanding data warehouse

Reference Configurations

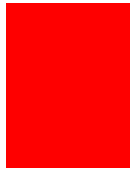


Best-practice configurations for data warehousing

Optimized Warehouse

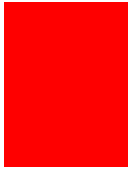


Scalable systems pre-installed and pre-configured

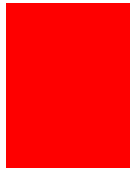


Summary

- Oracle Database 11g momentum is well underway
 - Customers are already in production
 - Full support for all Oracle Applications
 - Over 200 ISV applications available
- It's easy to upgrade
 - Use the Upgrade Companion
- Eliminate risk of upgrades
 - Database Replay
 - SQL Performance Analyzer



Q&A



For More Information

<http://search.oracle.com>

oracle database 11g



or

www.oracle.com/database