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November 11–15, 2007

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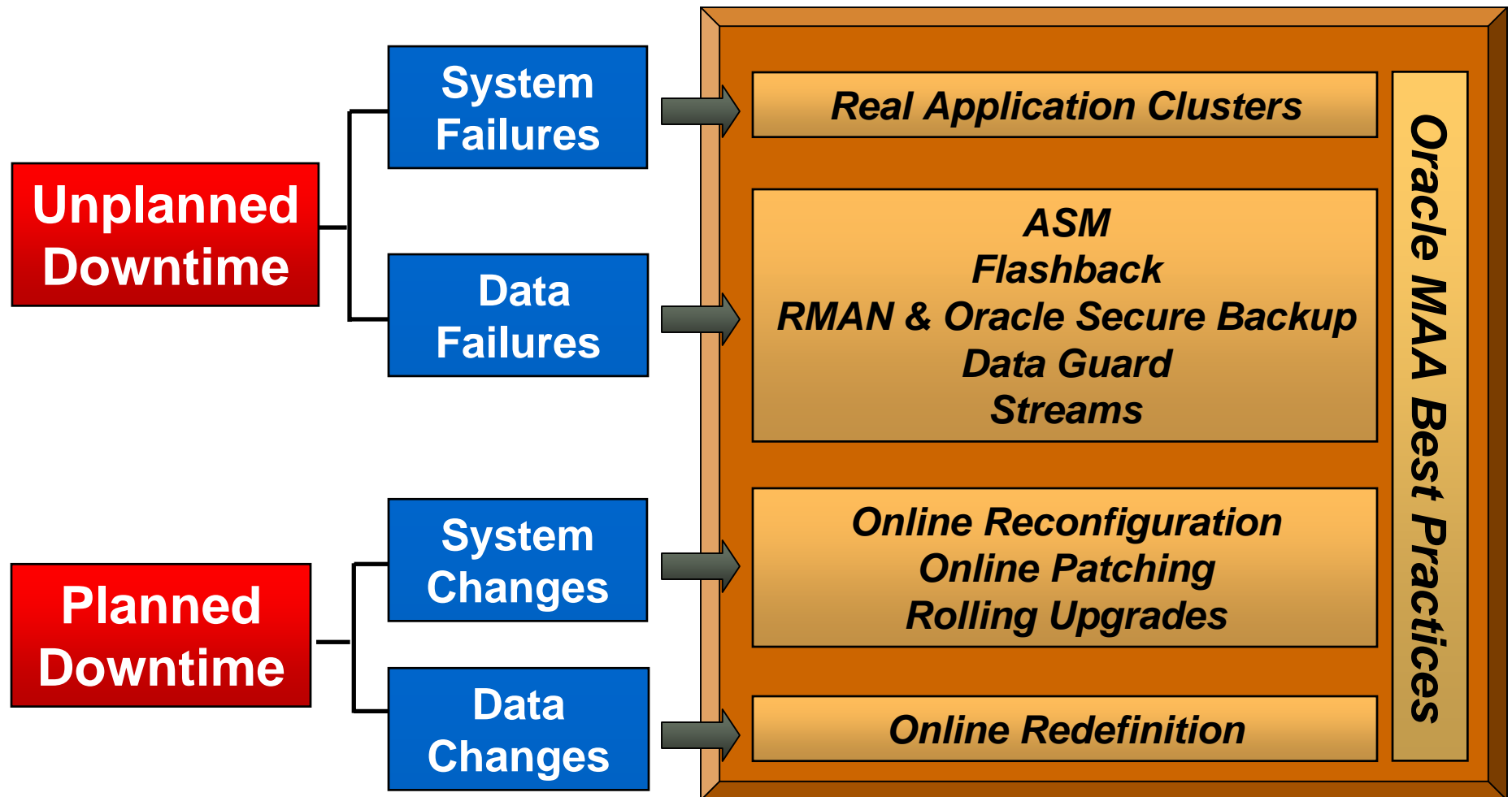


Allstate Insurance Implementing Oracle Maximum Availability Architecture

Joseph Meeks
Director of Product Management
Oracle

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Allstate Insurance

Oracle's Integrated HA Solution Set



Integrated Management

Enterprise Manager 11g High Availability Console

High Availability - Mozilla Firefox

File Edit View History Bookmarks Tools Help

ORACLE Enterprise Manager 11g Grid Control Setup Help

Grid Target Performance High Availability Server Schema Data Movement Software and Support Favorites Targets Search All

london.us.oracle.com (Database Instance) dglrx2.us.orac Page Refreshed Nov 7, 2007 6:51:14 AM



Availability Events

Show: All Open Events

Severity	Message	Target	Time
Info	Switchover to london.us.oracle.com completed	london.us.ora	2007-11-06 21:07:2
Info	Switchover to london.us.oracle.com started	london.us.ora	2007-11-06 21:05:0
Info	Startup completed	london.us.ora	2007-11-06 13:14:2
Info	Shutdown completed	london.us.ora	2007-11-06 13:14:1



Data Guard

Actions

Data Guard Status ✔ Normal

Protection Mode Maximum Performance

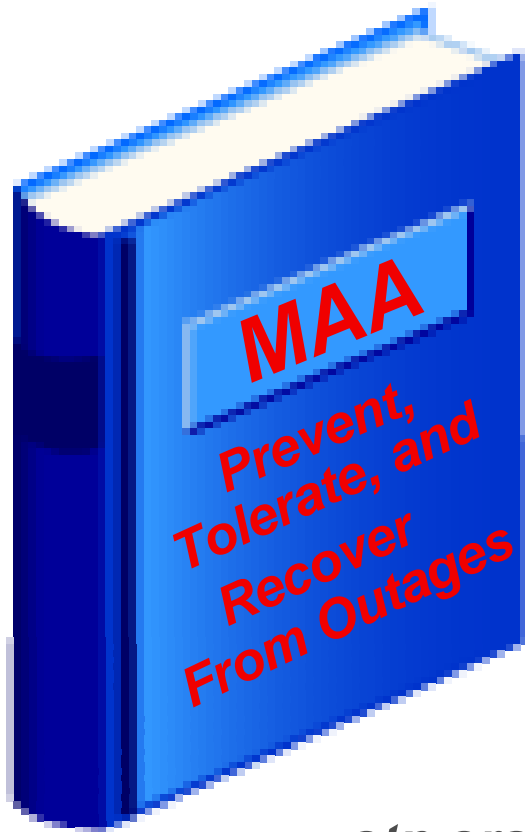
Fast-Start Failover Disabled

Database	Host	Role	Data Guard Status	Transport Lag	Apply Lag
london.us.o	dglrx2.us.o	Primary	✔ Normal	N/A	N/A
newyork.us	dglrx3.us.o	Logical Standby	✔ Normal	3.0 sec	0.0 sec
zurich.us.or	dglrx1.us.o	Physical Standby	✔ Normal	3.0 sec	0.0 sec

Primary Redo Generation Rate

Current Redo Generation Rate 0.71 KB/sec

MAA – Integrated HA Best Practices



- MAA is a blueprint for achieving HA
 - Correlates HA capabilities to customer requirements
 - Operational best practices
 - Prevent, tolerate, and recover
- Tested, validated, and documented
 - Database, Storage, Cluster, Network
 - Oracle Enterprise Manager
 - Oracle Application Server
 - Oracle Applications

otn.oracle.com/deploy/availability



MAA OTN Home Page

HA Best Practices for Oracle Database

Oracle Database 11g

- [Oracle Database High Availability Overview 11g Release 1 - Documentation](#)

Oracle Database 10g Release 2

- [Oracle Database High Availability Overview 10g Release 2 - Documentation](#)
- [Oracle Database High Availability Best Practices 10g Release 2 - Documentation](#)
- [Roadmap to Maximum Availability Architecture](#)
- [Data Guard Redo Transport & Network Configuration](#)
- [Data Guard Redo Apply & Media Recovery *Updated!*](#)
- [Data Guard SQL Apply](#)
- [Rolling Database Upgrades Using Data Guard SQL Apply](#)
- [Optimizing Availability During Planned Maintenance Using Oracle Clusterware and RAC *New!*](#)
- [Optimizing Availability During Unplanned Outages Using Oracle Clusterware and RAC *New!*](#)
- [Database Upgrade using Transportable Tablespaces](#)
- [Platform Migration using Transportable Tablespaces](#)
- [Platform Migration using Transportable Database](#)
- [Minimal Downtime Migration to ASM *New!*](#)
- [Setup Guide: Creating a RAC Logical Standby Database for a RAC Primary Database](#)
- [Data Guard Fast-Start Failover](#)
- [Data Guard Switchover and Failover](#)
- [Client Failover for Highly Available Oracle Databases *Updated!*](#)

Oracle Database 10g Release 1

- [Oracle Database High Availability Architecture and Best Practices 10g Release 1 - Documentation](#)
- [Oracle Database 10g Release 1 Best Practices: Data Guard Redo Apply and Media Recovery](#)
- [Oracle Database 10g Release 1 Best Practices: Data Guard SQL Apply](#)
- [Oracle Database 10g Release 1 Best Practices: Data Guard Role Transitions and Streams](#)

Oracle Database 10g - General

- [MAA 10g Setup Guide: Creating a RAC Physical Standby Database for a RAC Primary Database](#)
- [MAA 10g Setup Guide: Creating a Single Instance Physical Standby Database for a RAC Primary Database](#)
- [Using Recovery Manager \(RMAN\) with Oracle Data Guard in Oracle Database 10g](#)



Ron Eller

Vice President and General Manager
Enterprise Solutions Alliances, HP

“Oracle Database 11g with its low cost Maximum Availability Architecture, combined with HP’s software, servers and storage, is an opportunity for customers to take advantage of this next level of IT innovation and in turn, achieve better business outcomes.”


Speaking of Better Outcomes . . .

Michael Hughes

Technical Lead & Performance DBA

Allstate Insurance





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