







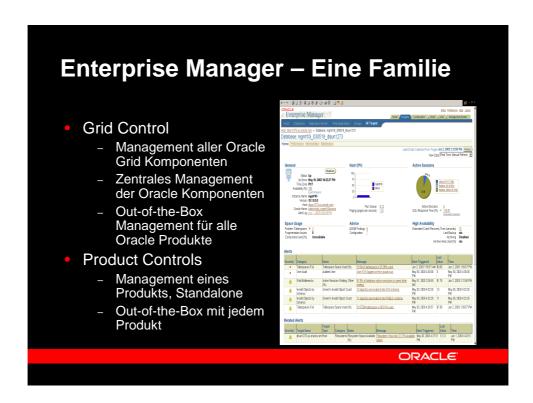
Design Goals & Architektur

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EM 10g Design Goals

- Zero-Implementation, Zero time-to-value
- Zugriff für alle, überall
- Offenes Repository Schema
- Einfache Erwieterbarkeit und Anpassbarkeit
- Unterstützung von Standards
- Skalierbar, robust

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Datenbank Management – Grid Control vs. Database Control Feature **Database Control Grid Control** Installation Separate Database 10g Enterprise Manager repository Centralized In local 10g database Enterprise Manager agent One per host in separate home One per 10g database home Target types Many Single 10g database # of targets Many One EM job system Yes Yes Cluster database (RAC) Yes Yes Standby database (Data Guard) Yes No Enterprise-wide Configuration management Local system Mobile access (EM2Go) Yes ORACLE

Komplette Überwachung des Oracle Technologie Stacks

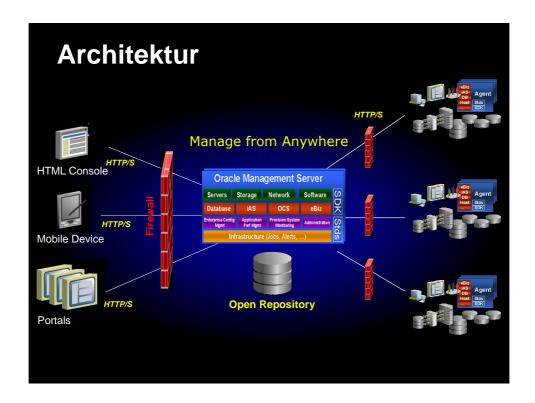
- System Überwachung
- Application Service Level Management (ASLM)
- Administration verteilter Datenbanken
- Administration von Application Server
- Umfassende Diagnose durch Sammeln von Performance- und Verfügbarkeits-Daten
- Automatisches Tuning von Oracle Umgebungen

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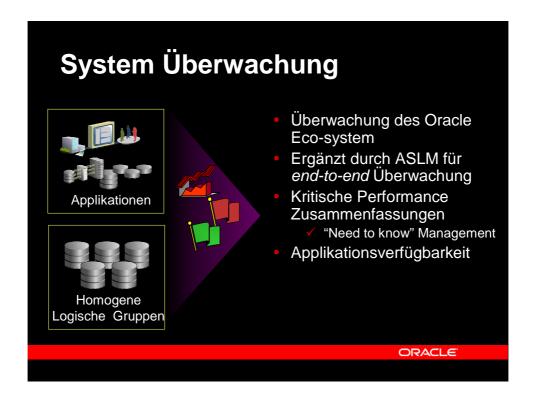
Enterprise Manager auf dem Client

- Nutzung in HTML-Browser
- Optimiert f
 ür IE5.5+, Netscape 4.75+, Mozilla
- Keine spezifischen Plattformvoraussetzungen
- Keine zu installierende Software
- HTTP oder HTTPS
- Verbesserte Unterstützung für Einsatz von Firewalls

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System Überwachung

- Überwachung von <u>überall</u> mittels Browser
- Out-of-Box verfügbar:
 - Real Time Überwachung
 - Vordefinierte Metriken mit standard Oracle-Empfehlungen
 - Historische Datensammlungen für Trend-Analysen
 - Benachrichtigungs- und Alert-System
 - Umfangreiche Diagnose
 - Alerts werden im Zusammenhang mit historischen Daten angezeigt
 - Vergleichsmöglichkeiten der Metriken zwischen verschiedenen Zielen

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System Überwachung

- Verfügbarkeits-Überwachung
 - Verfügbarkeit des letzten Tags, Woche, Monats
 - Blackouts für geplante Wartung
- Baselines als Hilfe für Schwellwertermittlung
 - EM ermittelt Schwellwerte anhand der Abweichung von Performancekennzahlen in der Vergangenheit
- Notifications
 - Unterstützt: E-mail, OS Skripte, PL/SQL Skripte, SNMP Traps
 - E-mail enthält kontext-sensitiven Link zu Metriken in der EM Konsole
- User Defined Metrics

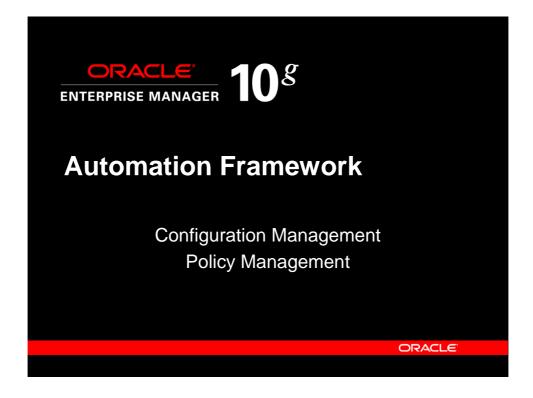
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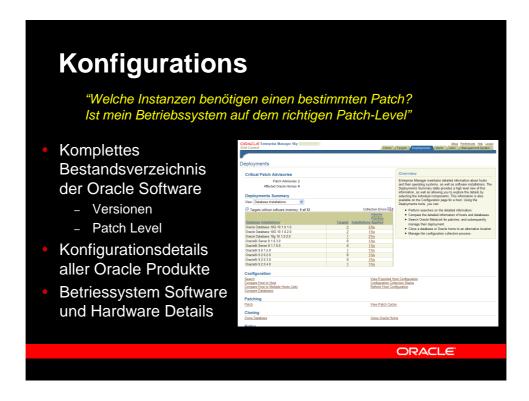


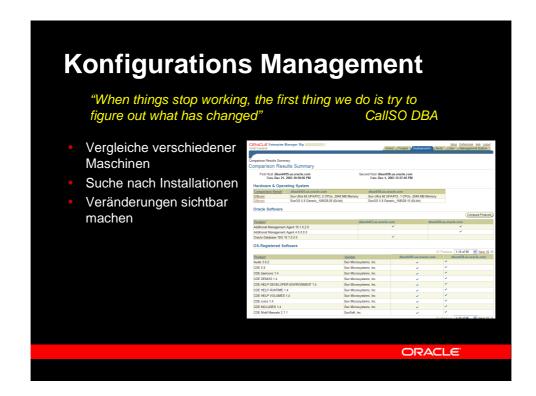
Job System

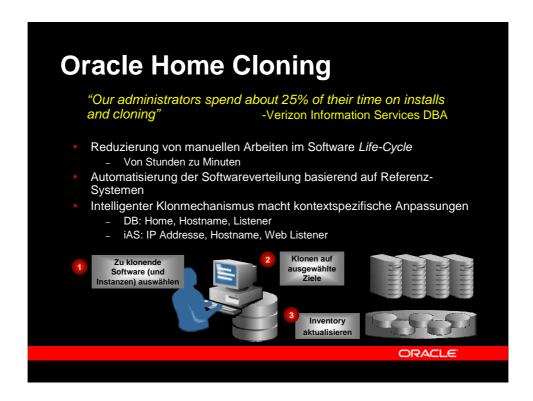
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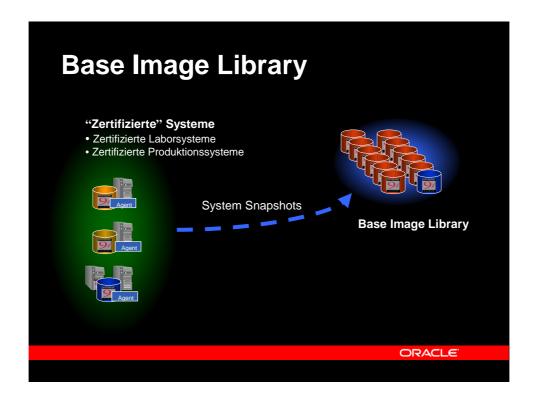


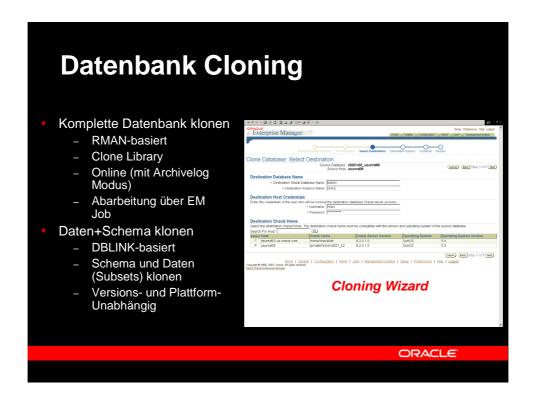




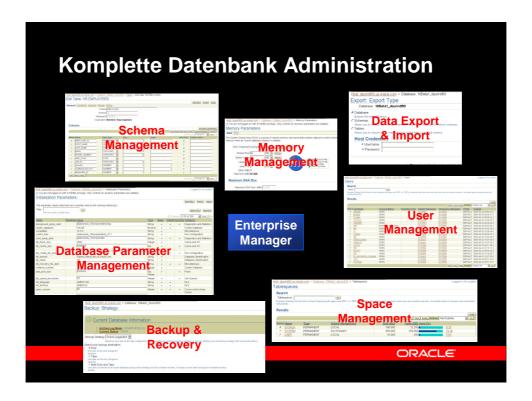




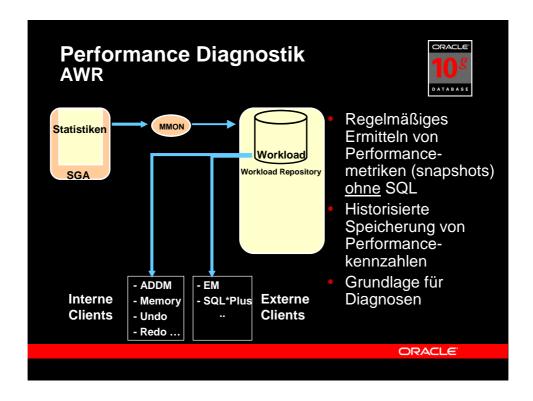


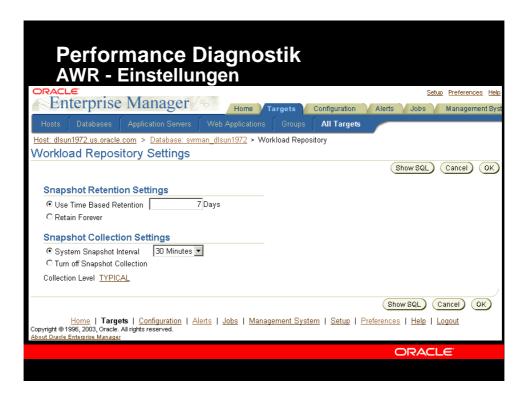


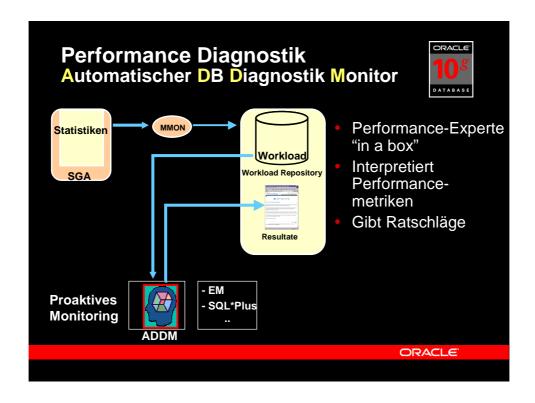


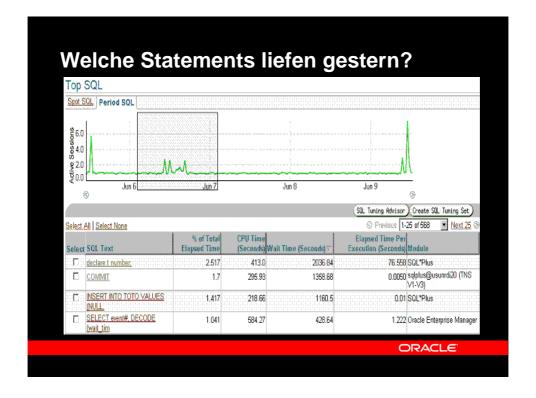


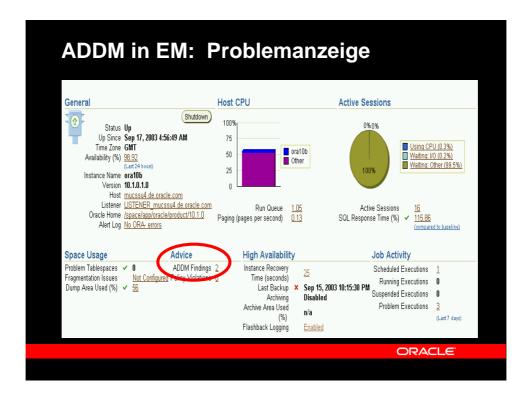


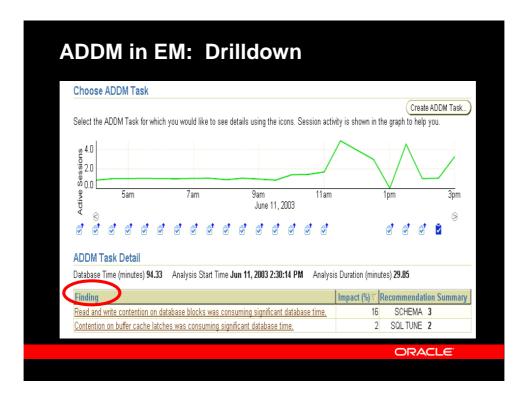


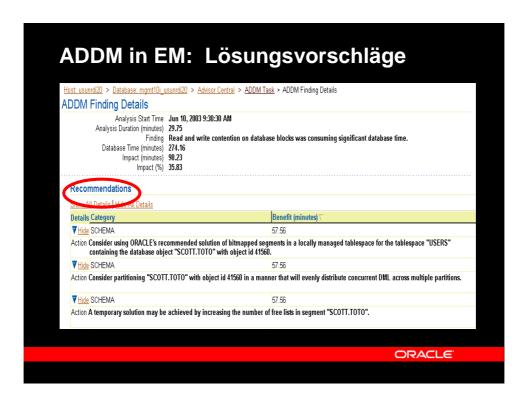


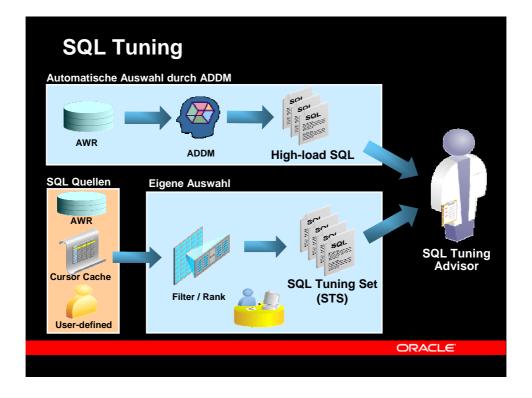


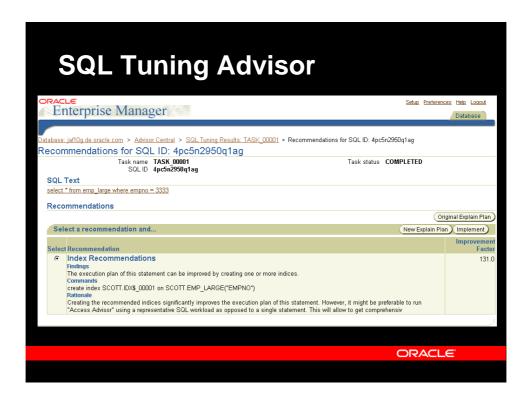








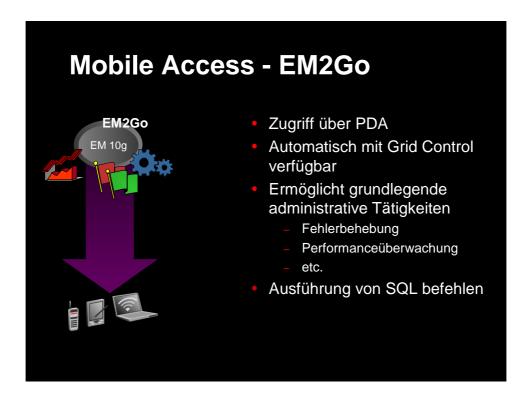


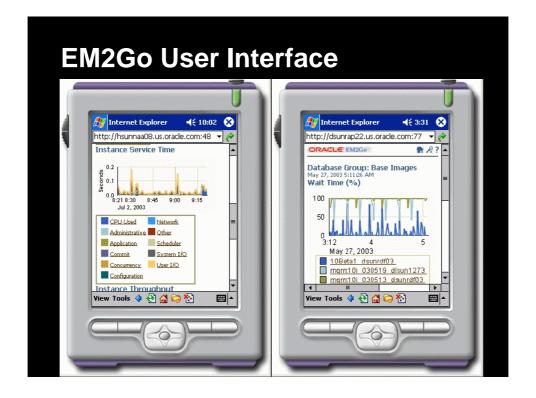




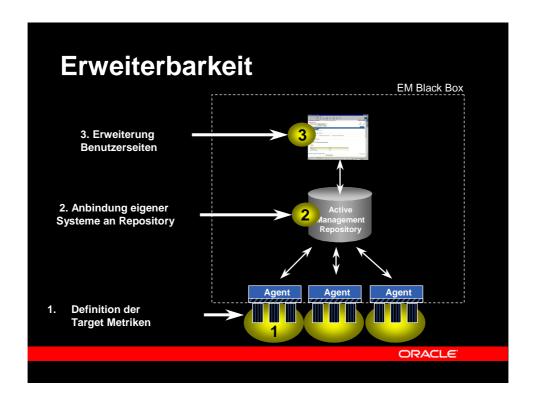














Management Packs

- Diagnostic Pack
- Tuning Pack
- Change Management Pack (nur Java Konsole)
- Configuration Management Pack
- Licensing Information (Part No. B13552-01)

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