

Oracle 9iAS: Highly available and Scalable Mid- Tier Solutions on HP Platforms

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Agenda

- Oracle 9iAS Overview
- Oracle 9iAS Availability, Reliability and Scalability
- SOA and Grid Computing
- High availability demonstration
- Questions and Answers

Oracle's middle-tier strategy

- Deliver Applications Quickly and Efficiently
 - Develop Applications to Service-Oriented Architecture
- Optimize Processes in Response to Events
 - Integrate Services to Event-Driven Business Processes
- Offer Right Information to Right User at Right Time
 - Enable User Access Through Multi-Channel Portals
- Use Cheaper IT Infrastructure with Better QOS
 - Provision & Use Low Cost Computing Grids More Efficiently
- Manage Systems & Apps More Intelligently
 - Make Systems Self-Managing to Reduce Costs & Failures
- Manage Users More Intelligently
 - Provision and Manage User Identities Centrally

Oracle's and Industry Standards



W3C

- XMLP WG
- Web Services WG
- XML Schema WG
- XML Query WG
- XML Core
- XSL WG

OASIS/XML.org

- TPAML
- BOPC WG

WS-I.org

- Founding Member

OMG

- XMI Metadata WG
- OMG UML 2.0
- OMG CWM

RosettaNet

- RNIF WG
- Interoperability

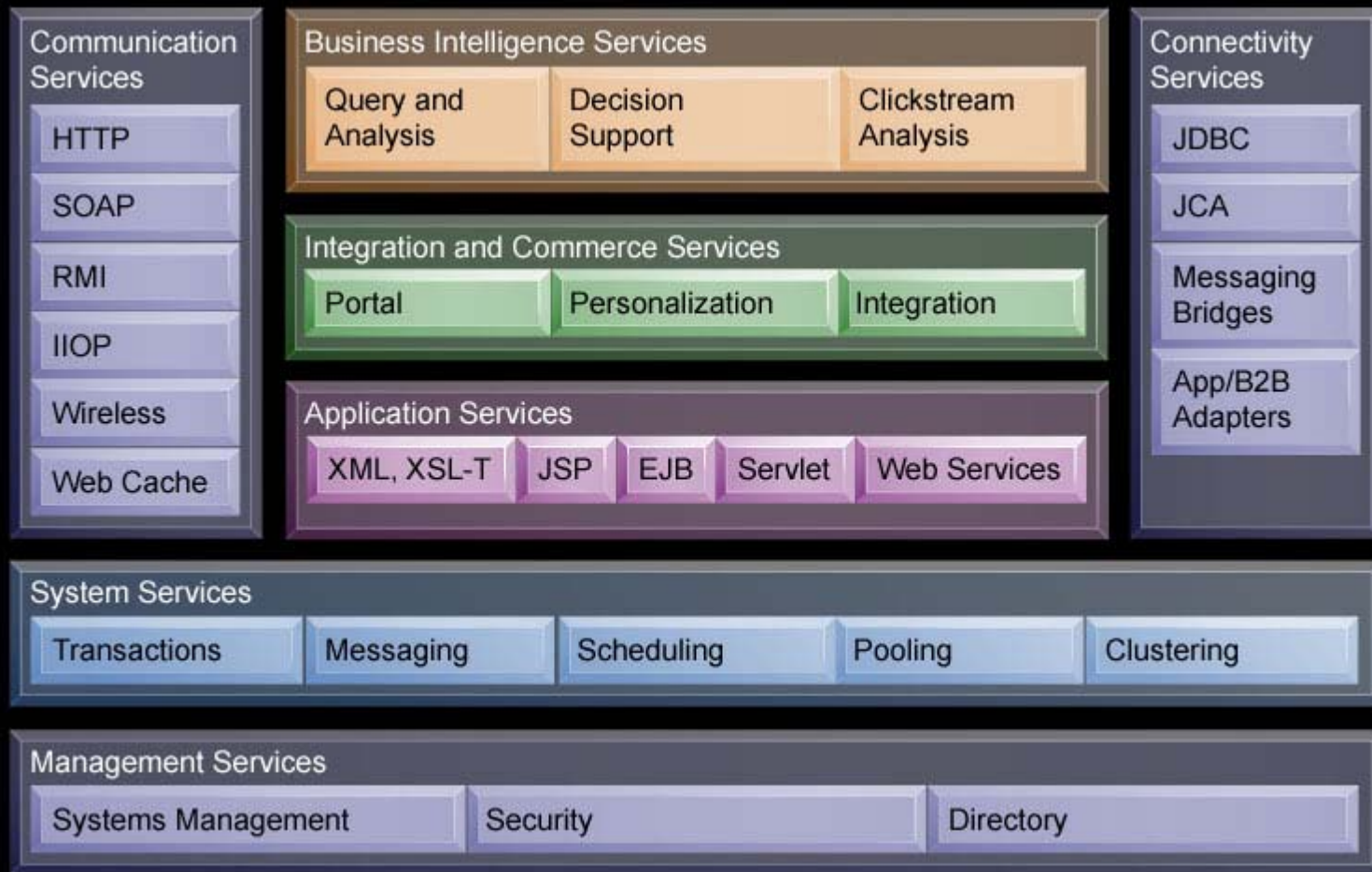
ebXML WG

- Protocol/JAXP
- Repository/JAXR

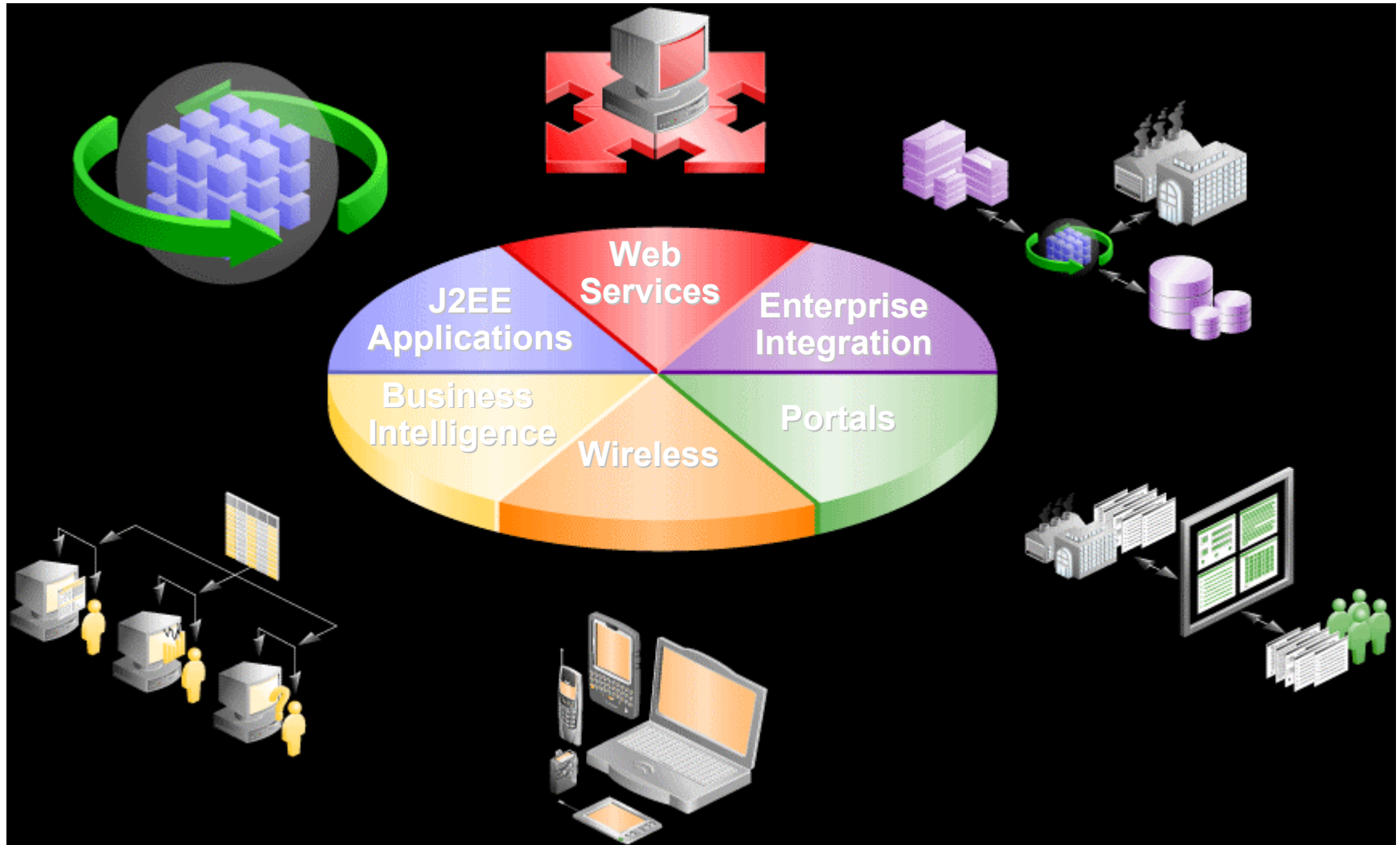
Java/J2EE

- JSR 109: Web Services
- JSR 67: JAXM
- JSR 73: Data Mining
- JSR 107: JCacheing
- JSR 128: JESI Tag library
- JSR 138: Performance Metrics
- JSR 168 Portlets

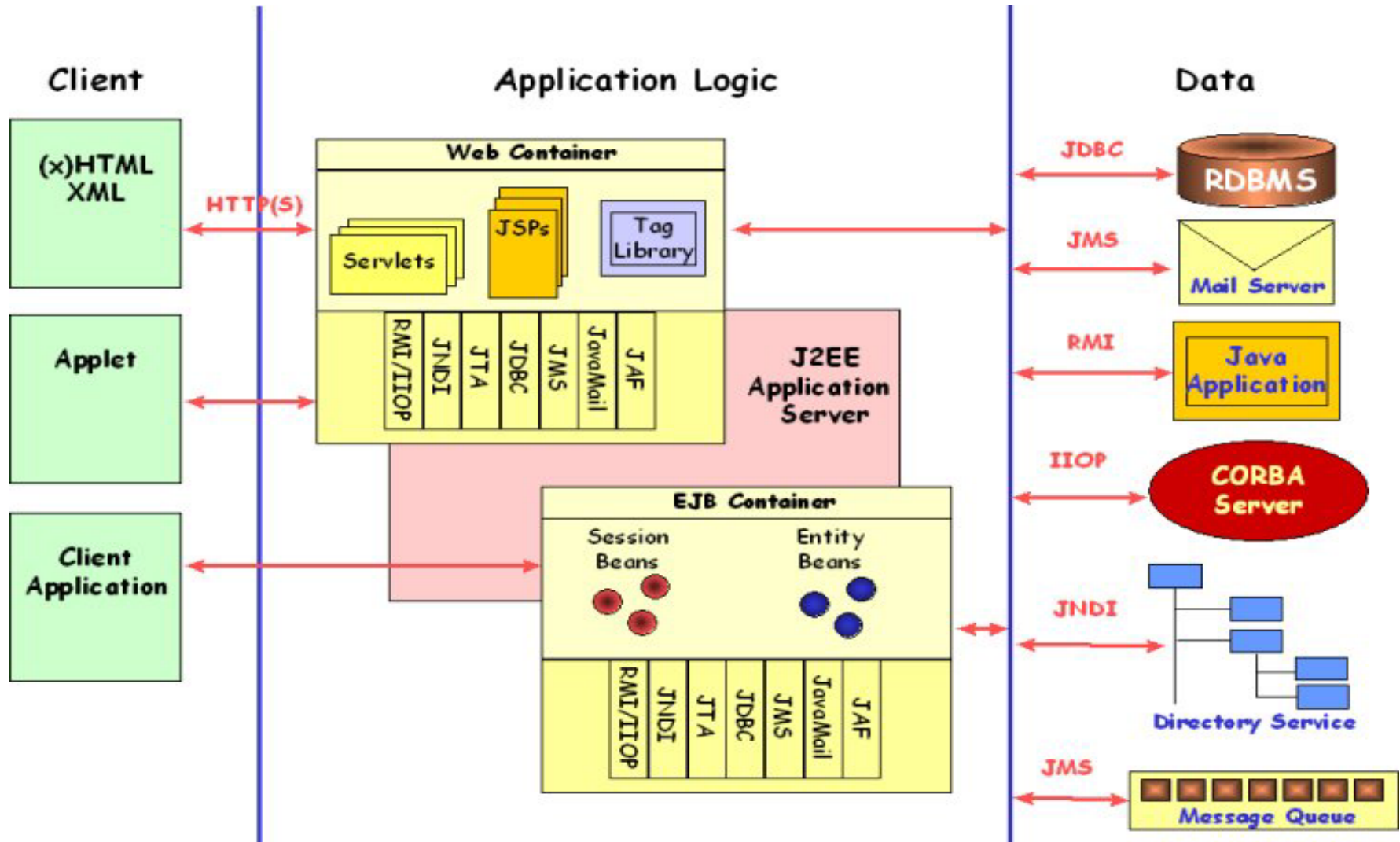
Oracle9i Application Server Architecture



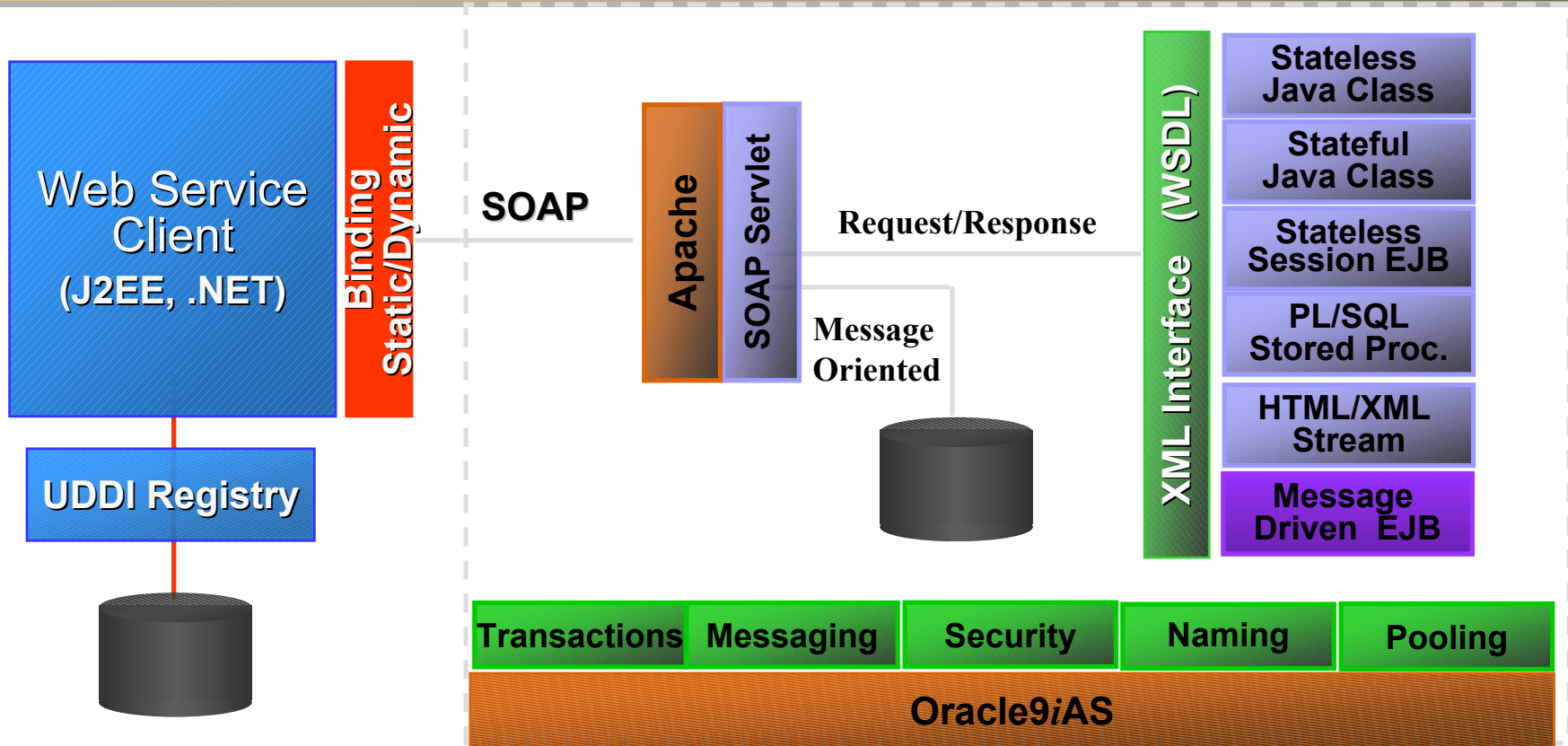
Oracle 9iAS Development



J2EE Applications

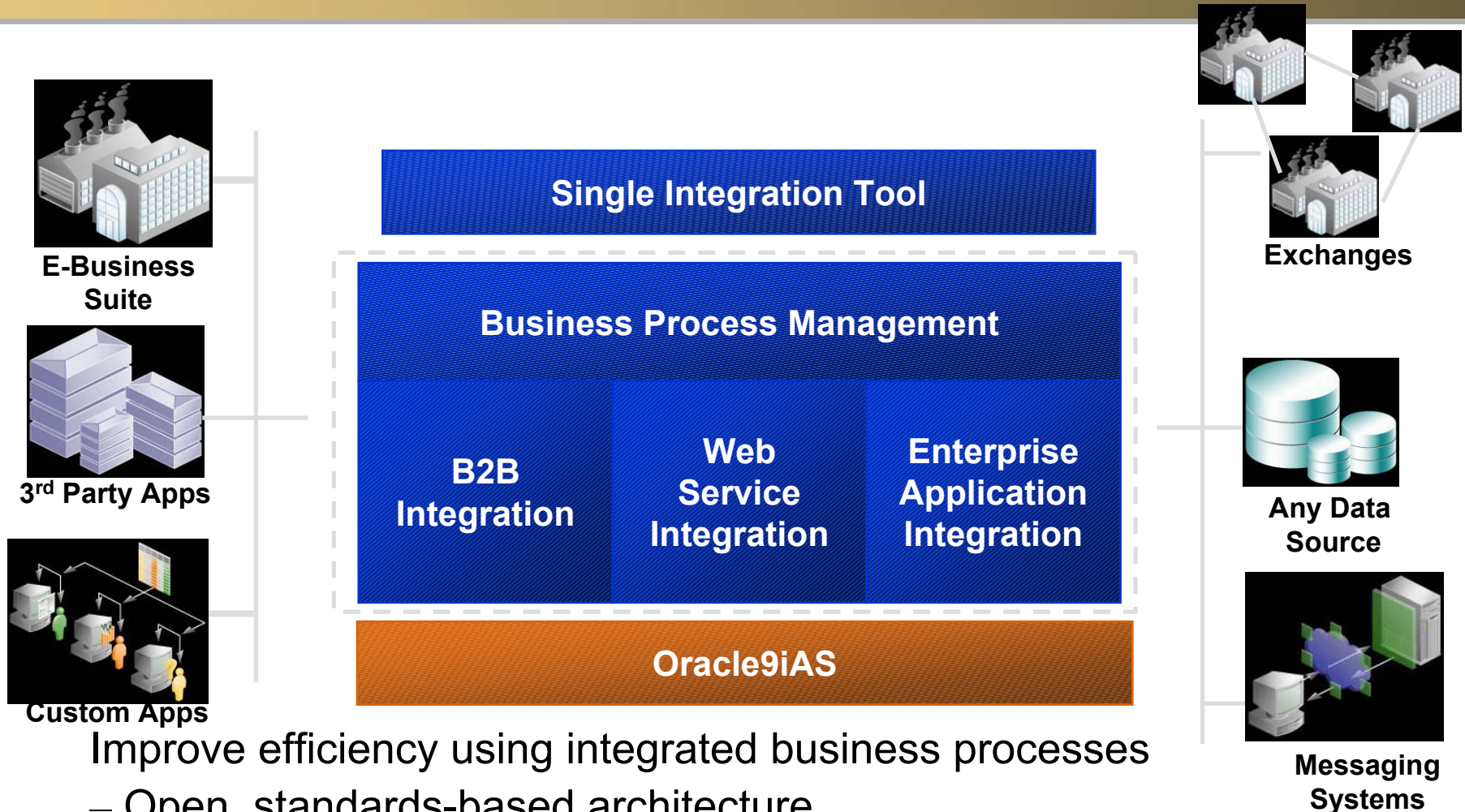


Develop, Deploy, Web Services



- Aligned with JSR 109
- Interoperable with .NET
- Leverage Performance and Reliability of Oracle9iAS J2EE Containers

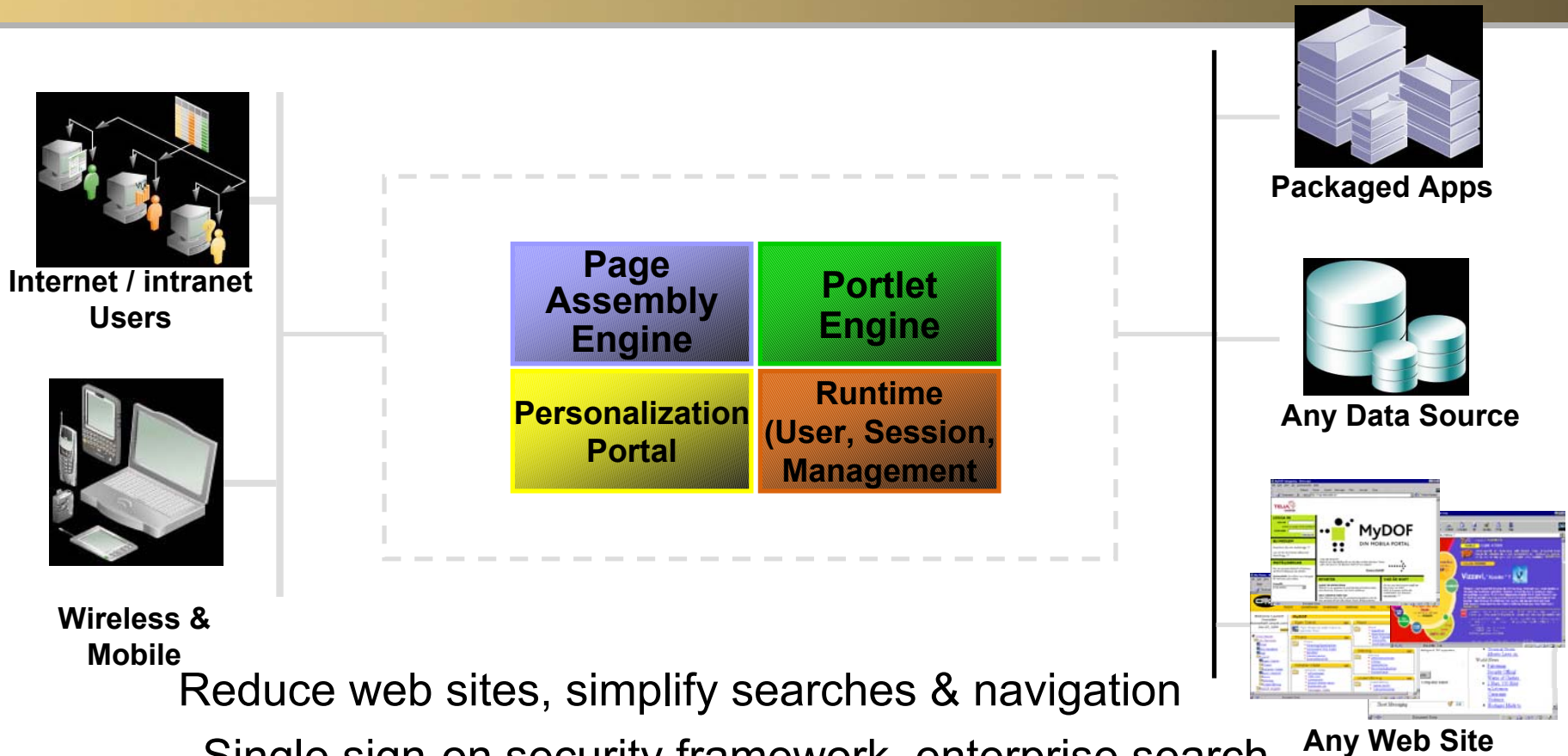
Integrate Your Business



Improve efficiency using integrated business processes

- Open, standards-based architecture
- Single solution for A2A, B2B, and web services integration
- Best solution pre-integrated with Oracle E-Business Suite

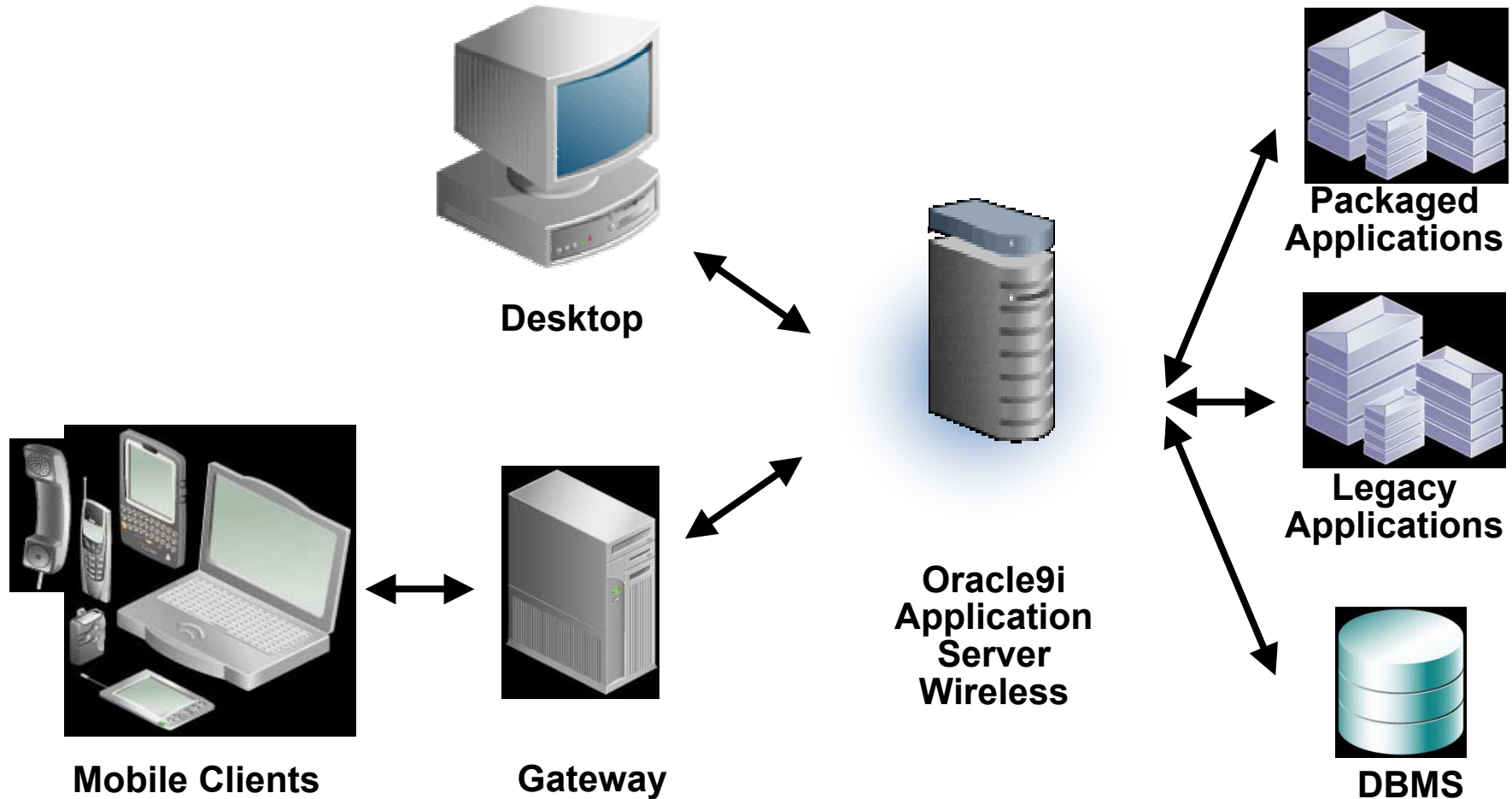
Set up Corporate Portals



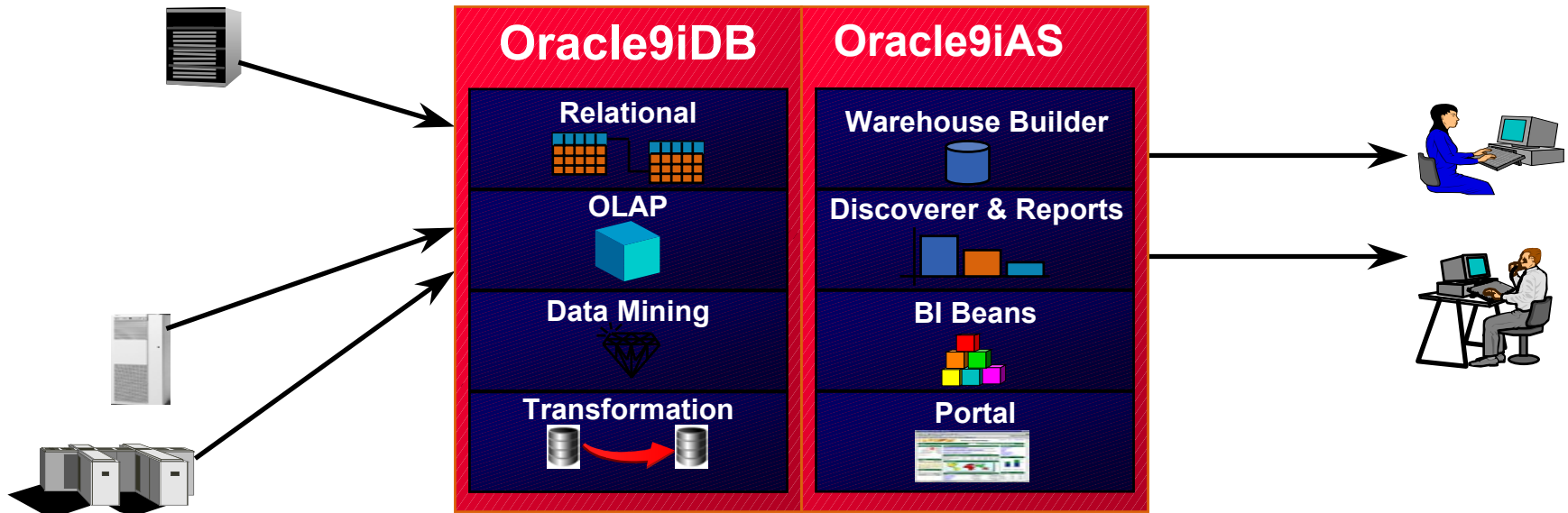
Reduce web sites, simplify searches & navigation

- Single sign-on security framework, enterprise search
- Assemble personalized portal from pre-built “portlets”
- Productive wizard driven page design and development

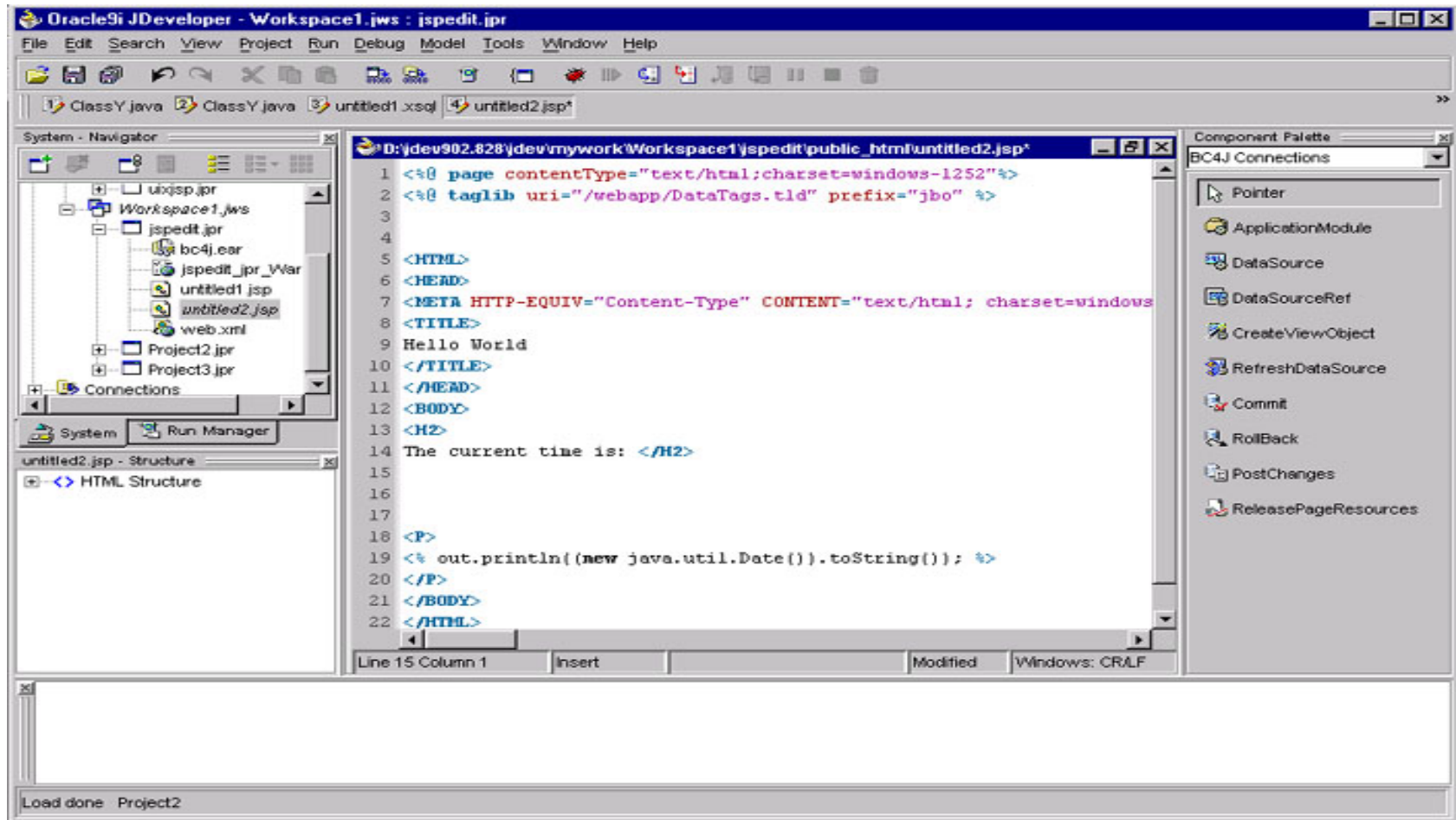
Deploy Wireless Applications



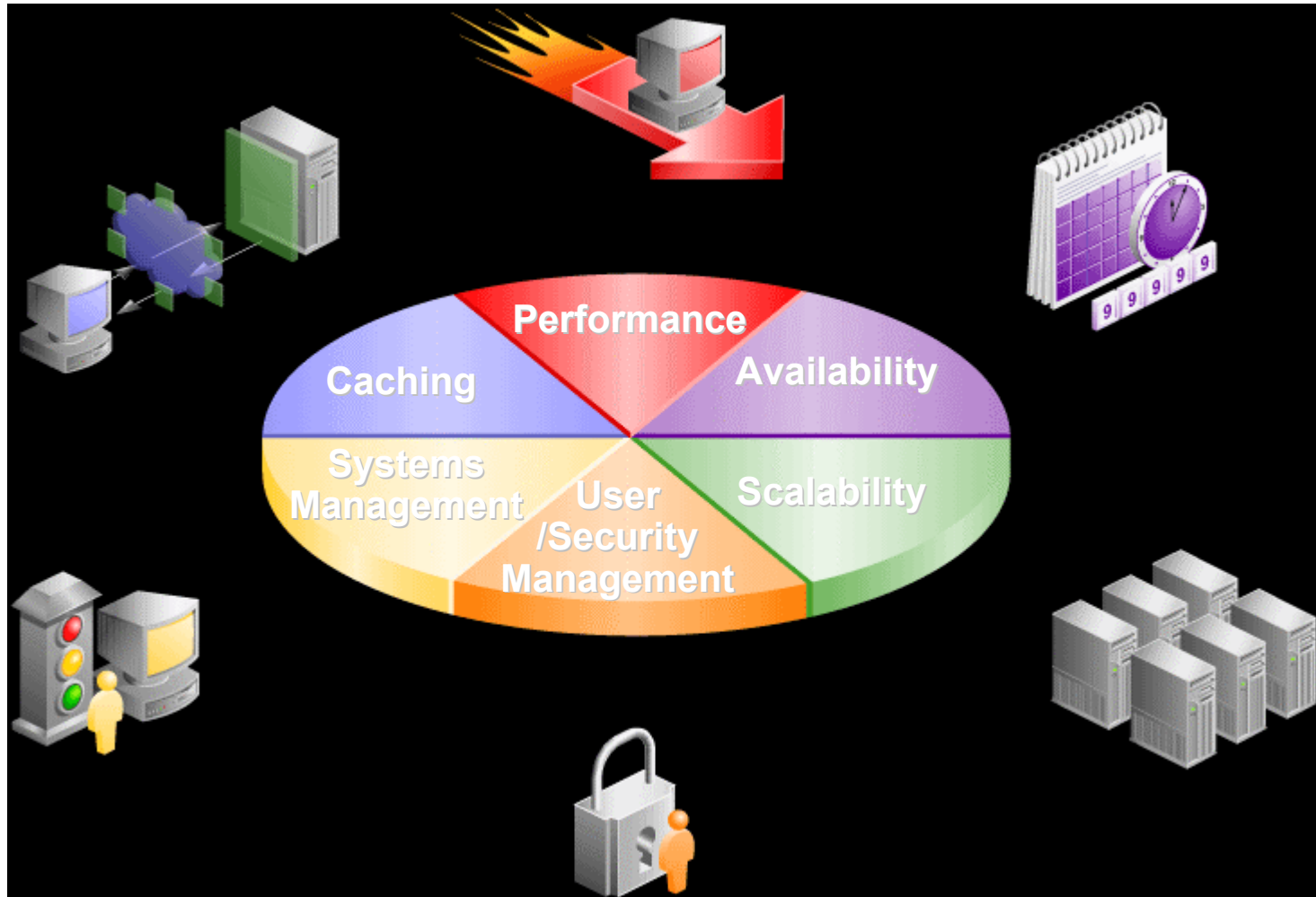
Analyze Your Business



Oracle9i JDeveloper

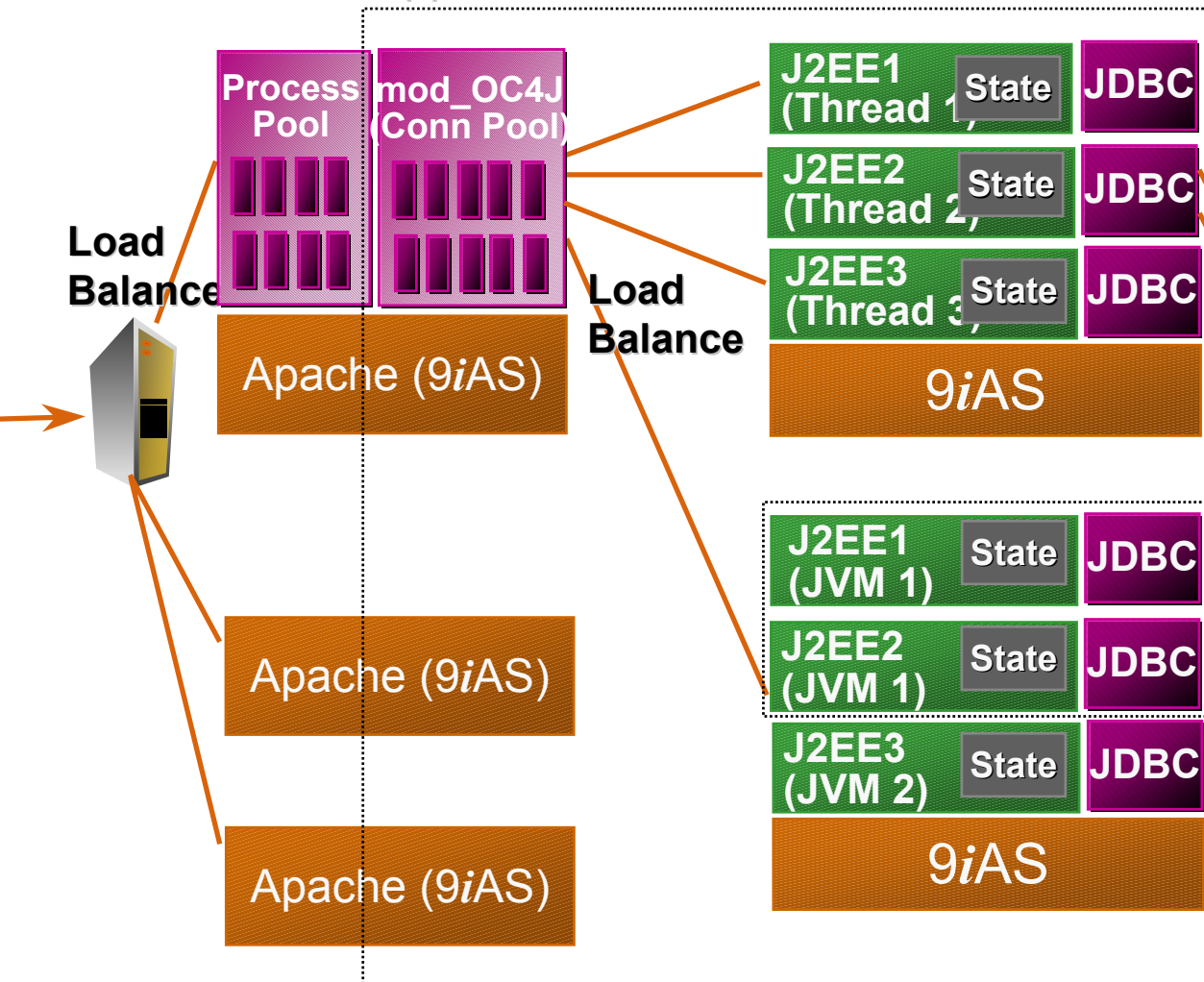


Oracle9iAS Deployment

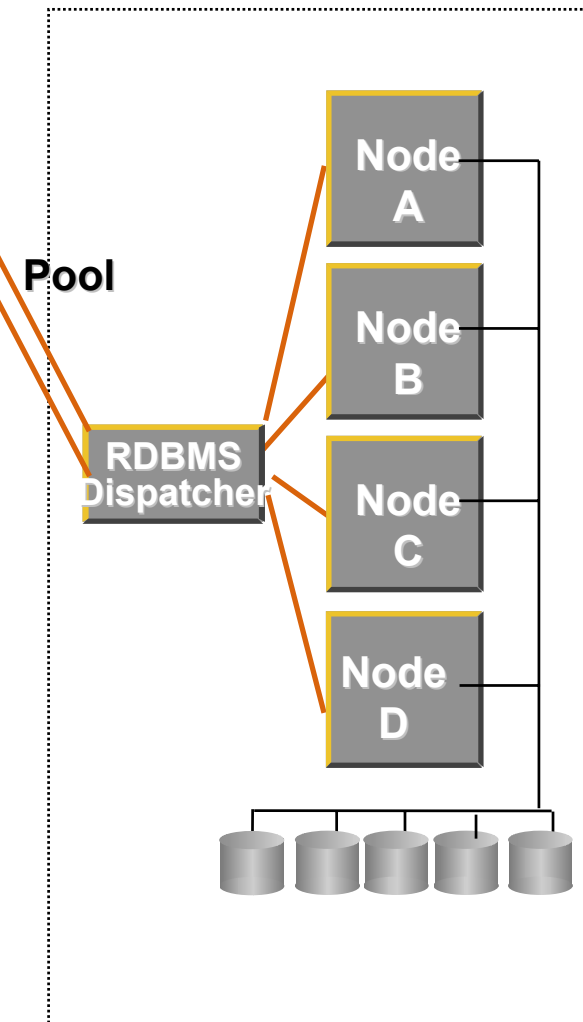


Scalability

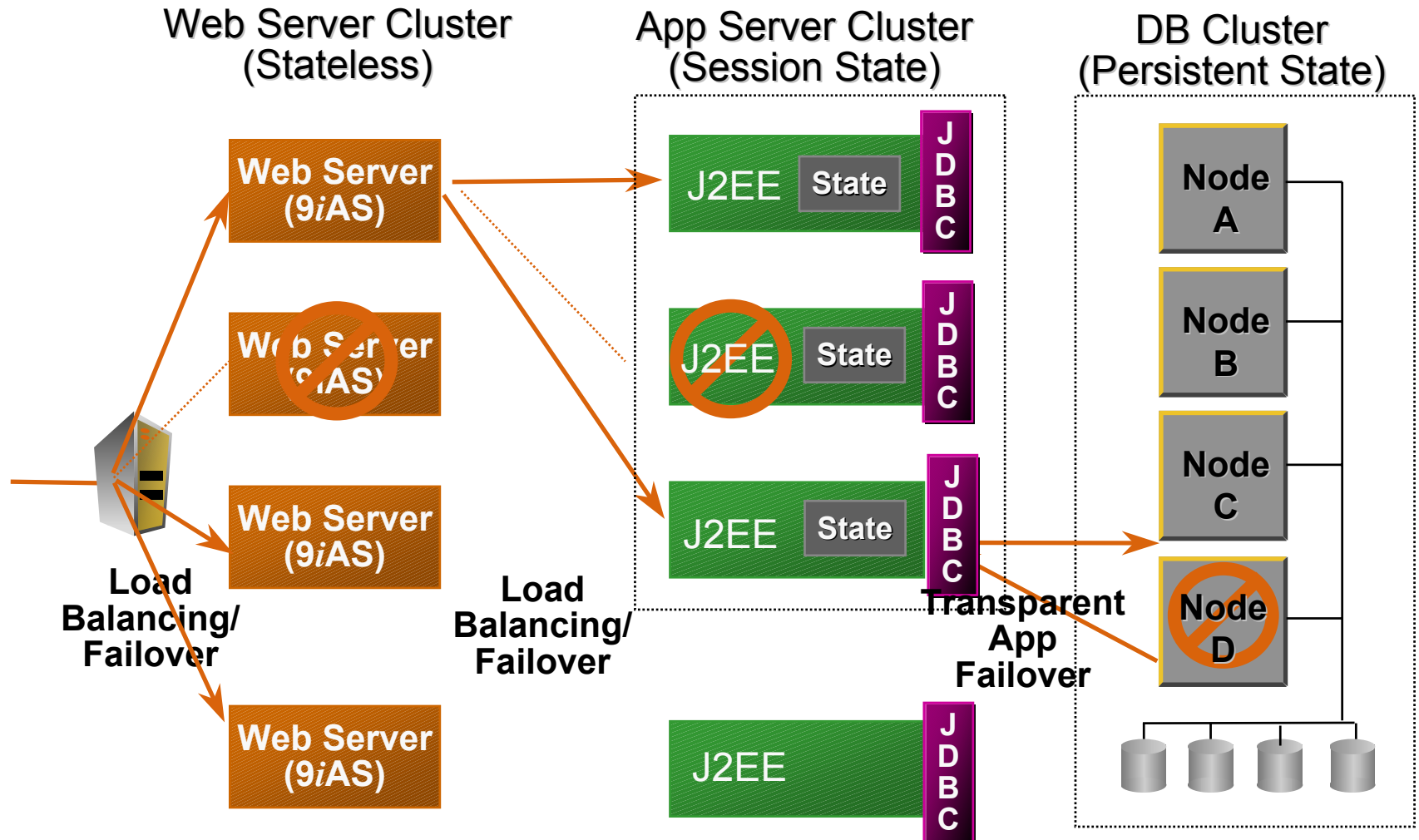
App Server Cluster



DB RAC Cluster

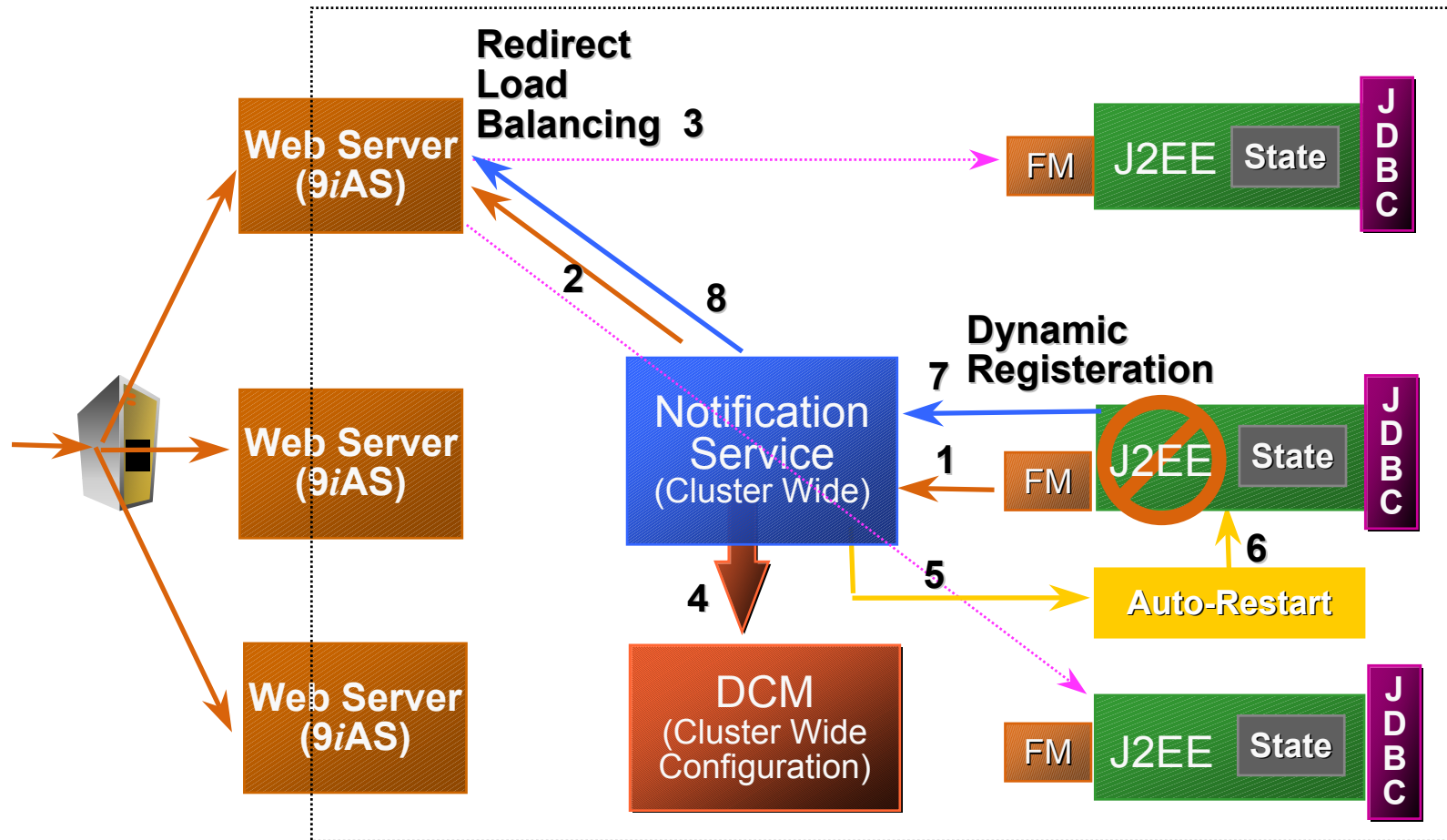


High Availability

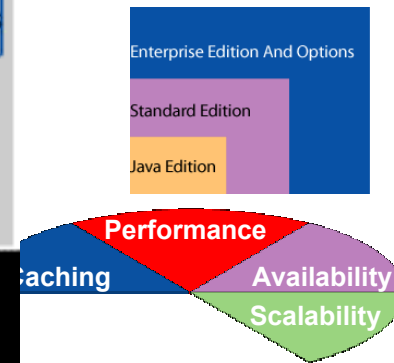
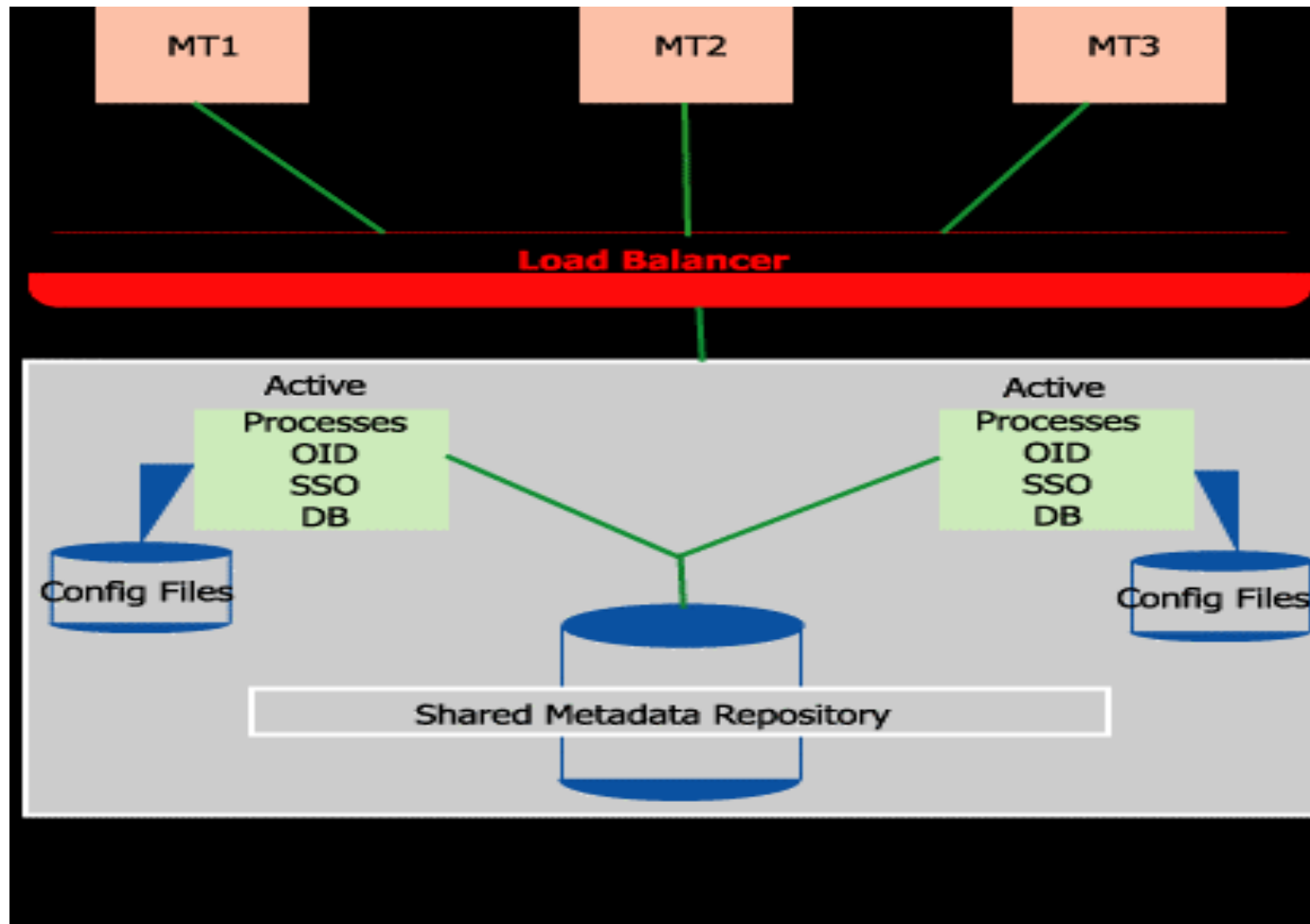


High Availability

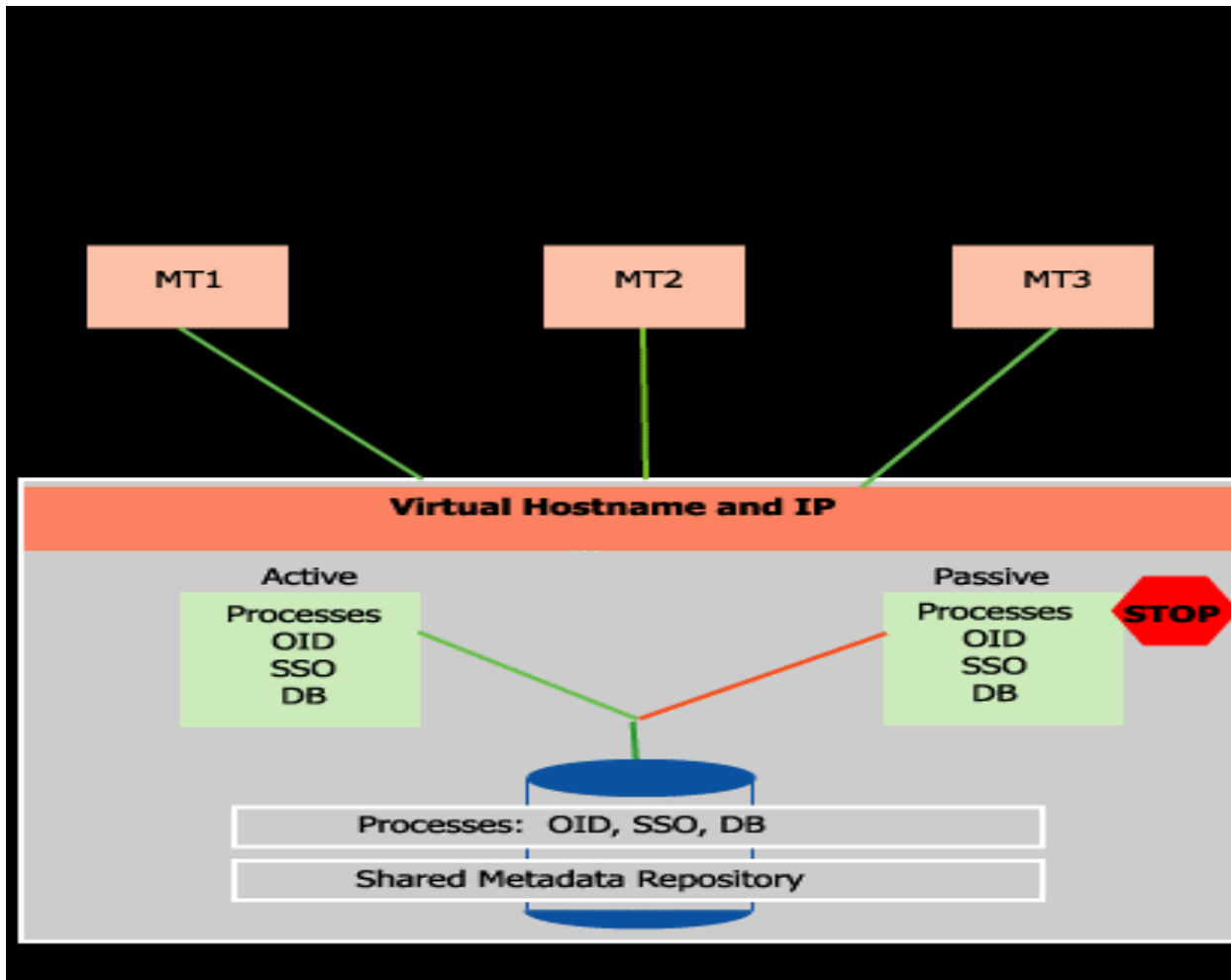
App Server Cluster



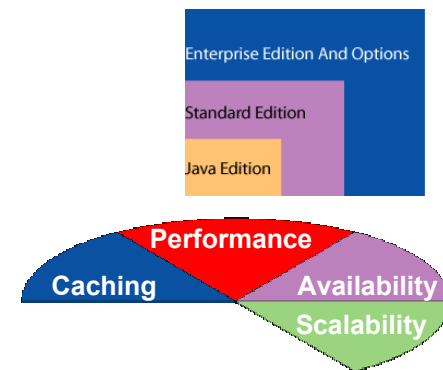
HA: Real Application Clusters



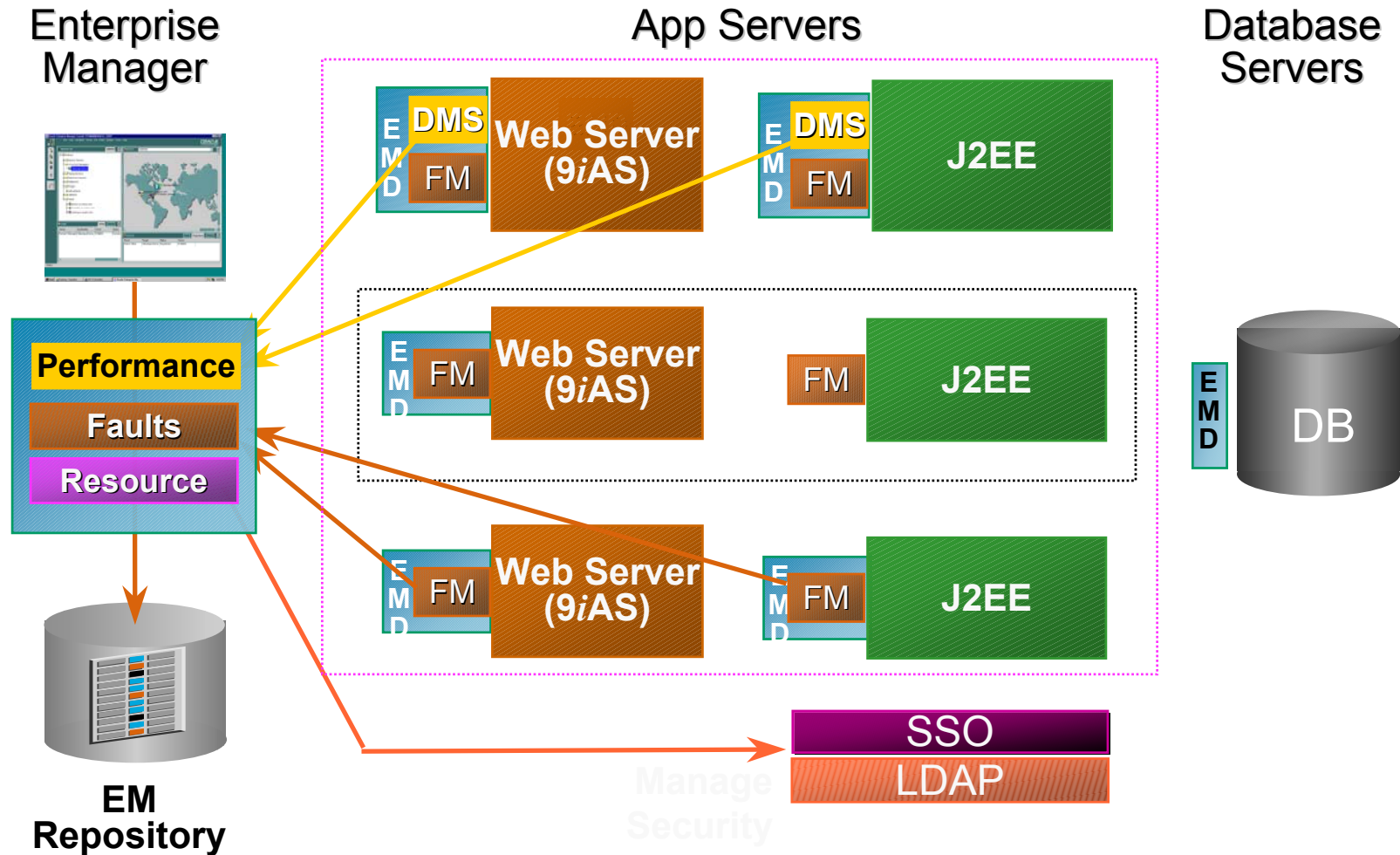
HA: Cold Cluster Fail-over



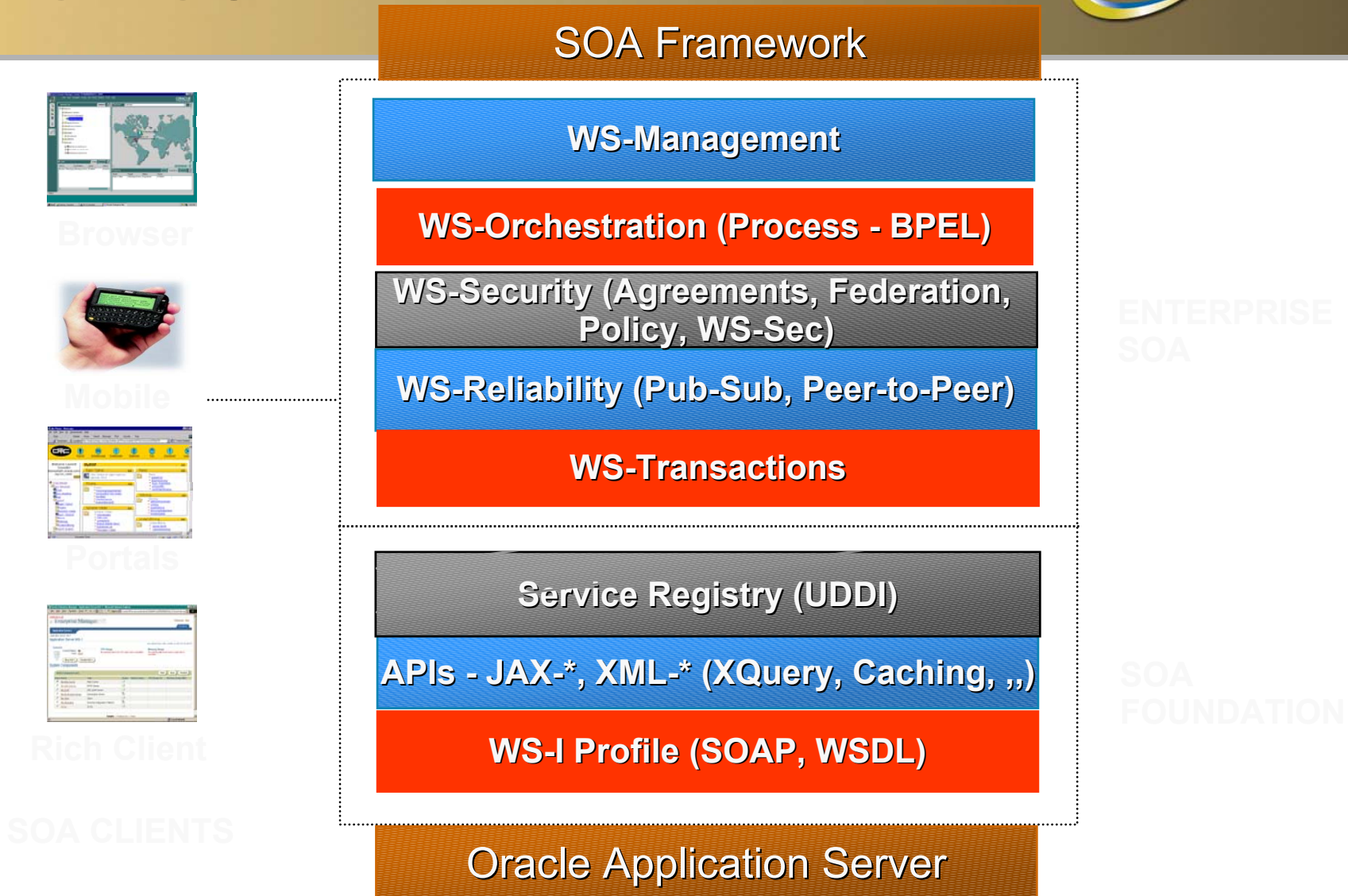
H/W cluster vendors
HP MC/Service Guard,
HP TruCluster,
IBM AIX HACMP,
SUN Cluster,
Veritas Cluster Server



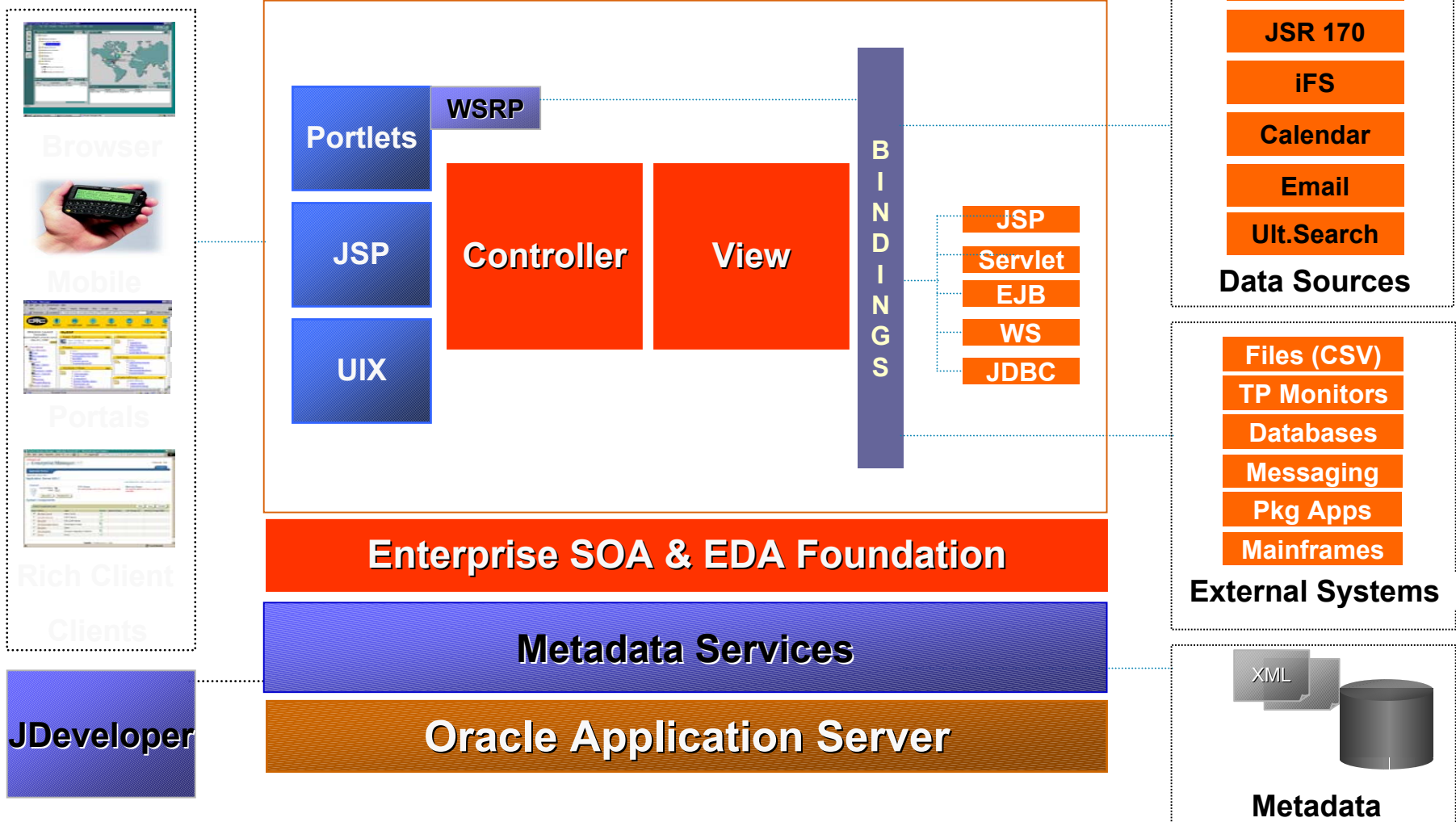
Systems Monitoring



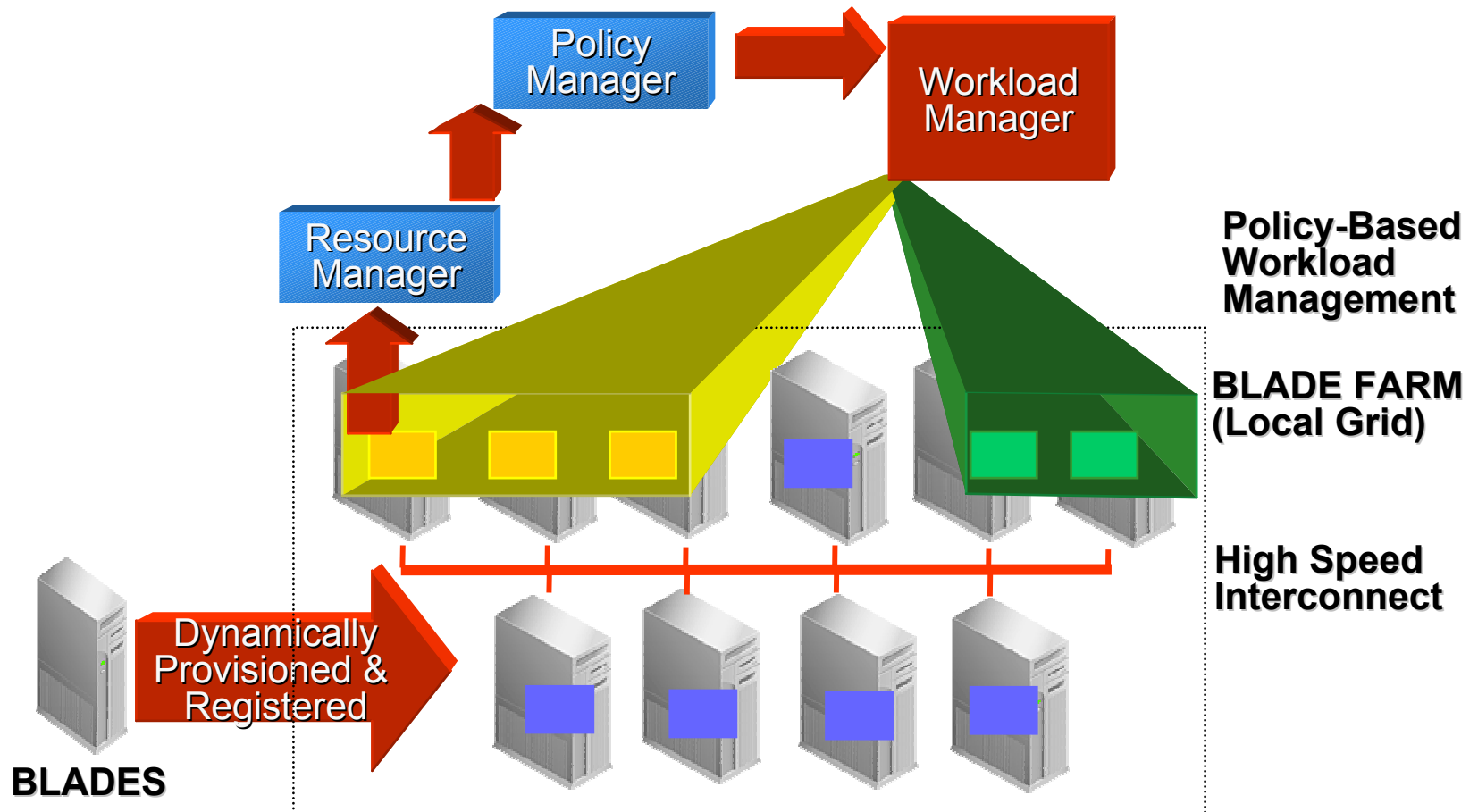
9iAS - SOA



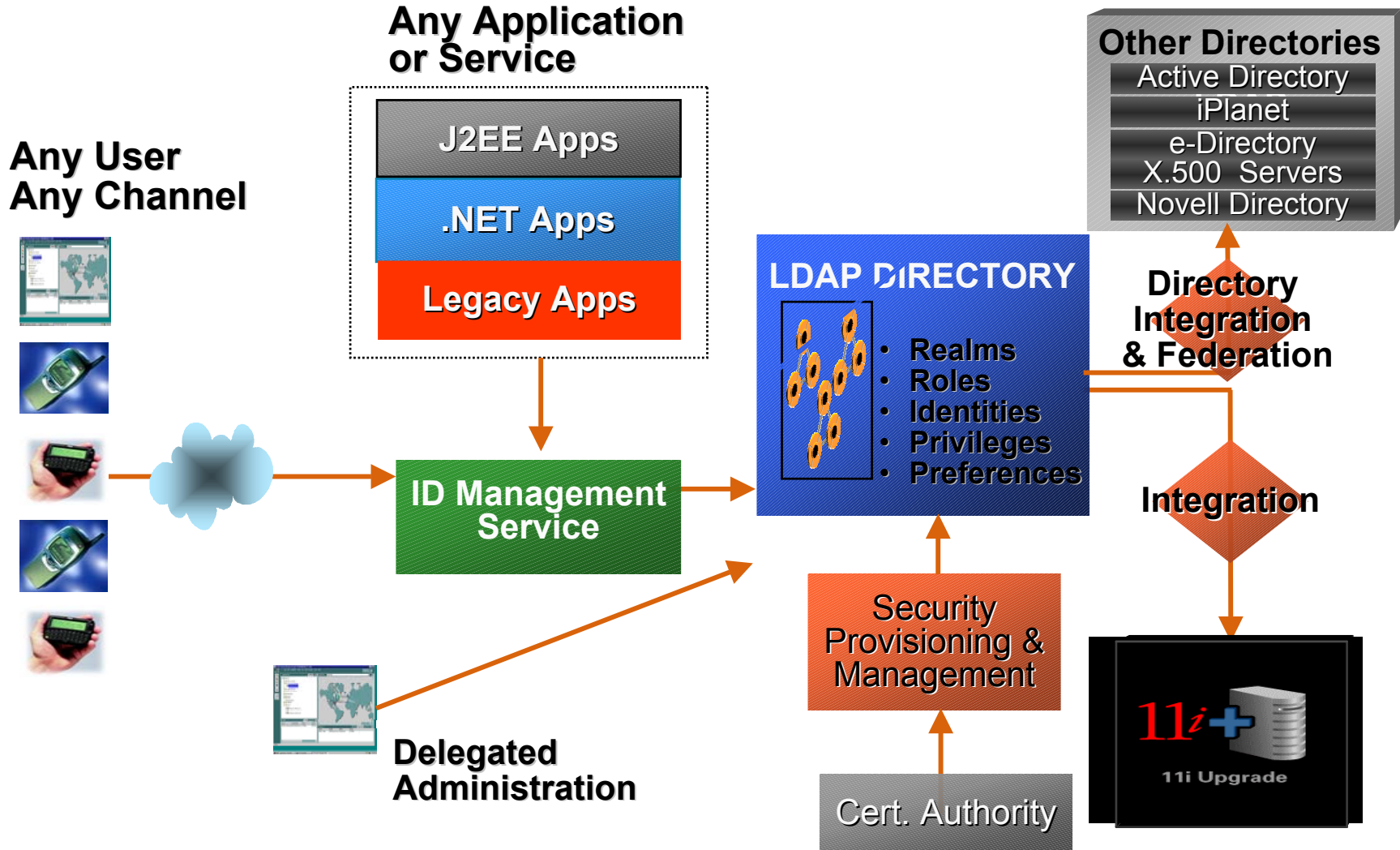
9iAS SOA Framework



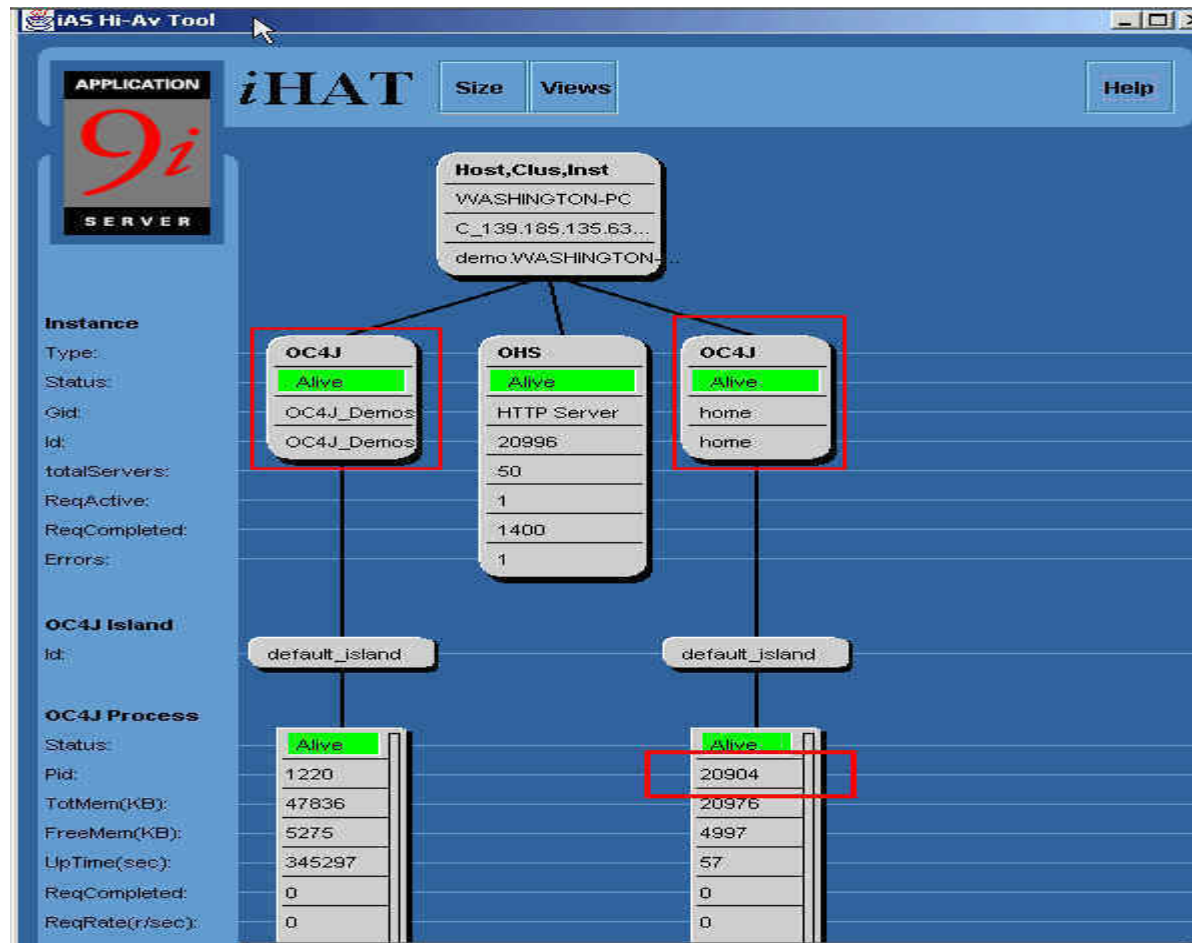
9iAS Grid Computing



Security & Identity Mgmt.



9iAS High availability Demo



Key Messages

- Oracle Simplifies Middleware Complexity
- Oracle9*i*AS Is Complete and Integrated
- Oracle9*i*AS is built on Open standards
- Oracle9*i*AS supports SOA and leverages Grid computing
- Oracle9*i*AS Is Affordable



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