ORACLE APPLICATION SERVER 10*g* STANDARD EDITION ONE

Oracle Application Server 10g Standard Edition One provides the same mission-critical functionality as Oracle's Standard Edition product but is tailored to enable smaller businesses/departments and ISVs to roll out solutions quickly through pre-built functionality that reduces development time and simplifies maintenance and operations. A comprehensive platform, it provides everything necessary to implement a Portal to share information, a Web Site to highlight your company, or a Web/Java-based application to provide custom functionality. All pre-assembled and tested.

KEY FEATURES:

- Provides a complete and integrated application platform.
- Enable a fast, scalable Web Site with pre-assembled set of scripting, runtime, and monitoring tools.
- Simplify information sharing, internally and externally, with Instant Portal and Enterprise Portal.
- Deliver custom functionality with award winning J2EE and Web development tools.
- Provide easy access to data stored in databases. A perfect complement to Oracle Database 10*g* Standard Edition One.
- Platform flexibility to pick the best, most cost-effective hardware. Choose Linux, Windows, or both.
- Simple installation and operation with web-based tools. Single-click Install.
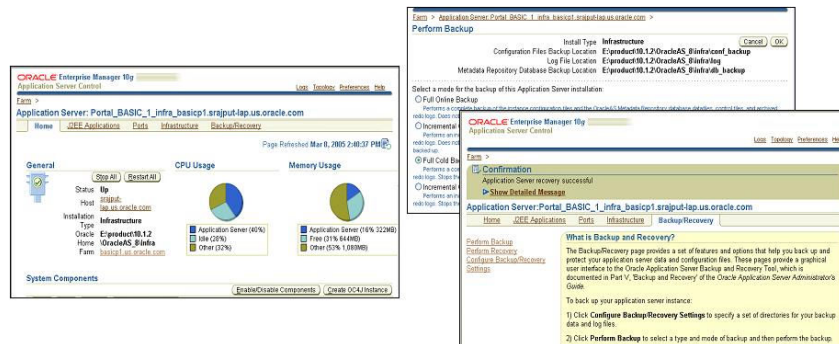

Figure1. Integrated Visual Development, Administration and Management Tools
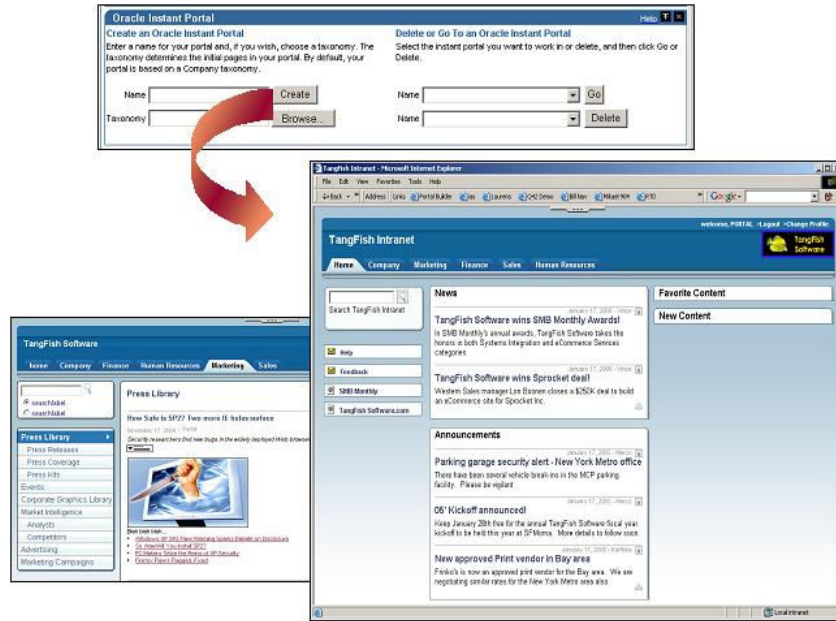
Comprehensive J2EE and Web Application Platform

Oracle Application Server supports the latest J2EE, Web Services, and Web standards and has the industry's lightest, fastest, and most reliable J2EE server, along with highly productive, award winning development tools.

- Standards-driven technology ensures a wide base of available expertise and links customers to an extensive support community. Active leadership in standards organizations, and rigorous testing to ensure interoperability and compliance, combine to deliver the best standards-based solution.

- Visual, model-driven development tools enable rapid Web, Java, and Web Service application creation by both novice and experienced developers. Application Development Framework provides declarative programming environment for flexibility and productivity.

- Extensive and full support is provided across application lifecycle ensuring a complete and comprehensive platform – design, development, deployment, secure, manage, access. Issues in getting disparate and incompatible products, or versions, are eliminated.

INCLUDED COMPONENTS:

- Oracle HTTP Server
- Oracle Application Server Containers for J2EE (OC4J)
- Oracle Application Server Portal
  - Instant Portal
- Oracle Enterprise Manager 10*g* Application Server Control
- Oracle Internet Directory (Restricted Use)
- Oracle Application Server Single Sign-On
- Oracle Application Server Web Cache
- Oracle Application Server Metadata Repository. This uses Oracle Database Standard Edition One (Restricted Use).
- Oracle JDeveloper
- Oracle Application Server TopLink
- Oracle Content Management SDK
- Oracle Sensor Edge Server
- Documentation

Figure 2. Pre-Built Portals Available Immediately Out-of-the-Box

Instant Portal and Enterprise Portal

Simplify information sharing with employees, customers, and business partners, while assuring that information is protected. No up front development is needed to create simple portals with pre-configured pages for publishing and organizing content by department or function. Full Enterprise Portal functionality is also included.

- Instant Portal provides an out-of-the-box portal application, on which documents, data, and other content can be easily added and then widely shared. By enabling self-service information sharing, everyone is more productive, whether they are sharing information, or trying to find it. Built-in search and news capabilities.

- Eliminate concerns about lost documents or out-of-date versions circulating around. Information can be regularly backed-up so that if something is inadvertently deleted, it can be quickly replaced. Older versions can be easily archived to maintain a history of changes. Organizations with regulatory concerns can easily define access controls, monitor who has access, and record audit trails of when that content was accessed.

- Protect your information – Robust security ensures that only the appropriate people can change information or access it. Single sign-on provides easy access control and help users with a single password to manage.

Complete Web Infrastructure

This single offering provides a comprehensive Web solution that can be accessed from anywhere; either remotely or locally. Everything you need for a professional looking Web Site is included, pre-assembled and pre-tested.

- Customize your Web Site with widely used standards, such as PHP, Perl, or Python scripting tools. Use model-driven development tools to leverage pre-built elements, layout pages in a WYSIWIG fashion, and easily describe page flows.

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- Accelerate site performance by utilizing web caching technology for static and dynamically generated web pages. A fast, scalable web server based on widely used Apache web server is provided.

Complements Oracle Database 10*g* Standard Edition One

Oracle Application Server 10*g* provides a complete web infrastructure to easily access information stored in any database. Additionally, it enables faster database access and supports increased number of users in many common situations. Customers, who also have Oracle Database 10*g*, leverage the same, common provisioning tools, management tools, security model, and development tools; therefore being assured of the best possible support for Oracle Database technology with the lowest overall cost of ownership.

Easy Installation and Operation

With limited IT staff and resources, smaller organizations do not have time or money to waste on complexity. Starting with a single-click install, a wide range of capabilities address this challenge, including: single integrated console, comprehensive web-based management and monitoring simple backup and restore, easy start/stop, in-place editing, wizard-driven user management, pre-configured components.

Leverage Linux and Windows Platforms

The same solution runs on either Linux or Windows platforms with no difference in pricing or packaging, thereby providing the flexibility to choose, or mix, platforms that best fit organizational needs today, or in the future. The number of Linux owning small and medium businesses worldwide is already significant and rapidly increasing.

Seamless Upgrade Path

Oracle Application Server 10*g* Standard Edition One provides a solid foundation to build upon. It provides comprehensive capabilities that deliver immediate solutions and value, while utilizing the exact same technology that is used in Oracle Standard Edition products. As business needs change and grow, there is a seamless upgrade path to enable advanced capabilities such as clustering and enterprise grid deployment architecture.

For More Information

To learn more about Oracle Application Server 10*g* Standard Edition One, visit www.oracle.com/appserver or call +1.800.ORACLE1.

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