

# ORACLE ENTERPRISE MANAGER 10<sup>g</sup> APPLICATION MANAGEMENT PACK FOR ORACLE E-BUSINESS SUITE

## FEATURES

### CONFIGURATION MANAGEMENT

- Configuration Management Database
- Automatic Discovery
- System Modeling
- Service Modeling
- Configuration Snapshot
- Change Audit Trail
- Configuration Compare
- Topology Visualization

### APPLICATION PERFORMANCE MANAGEMENT

- Thresholds
- Alert Notifications
- Metric History
- SARM Analysis / Transaction Tracing
- Event Log Analysis
- Root Cause Analysis
- End-User Performance Monitoring
- Enterprise Dashboard

### SERVICE LEVEL MANAGEMENT

- Service Level Objective
- Business Process Service Level Monitoring
- Service Metrics
- Service Test
- Service Level Reports

### GRID AUTOMATION

- Step-by-step cloning interview process to guide system administrators through the cloning process
- New cloning dashboard to monitor the enterprise-wide status of clone jobs

*Application Management Pack for Oracle E-Business Suite extends Enterprise Manager 10g Grid Control to help monitor and manage an Oracle Applications system more effectively. The pack integrates Oracle Applications Manager with Grid Control to provide a consolidated, end-to-end E-Business Suite management solution.*

### Complete Solution

Through the management pack, you can proactively monitor the health of all Oracle E-Business Suite application components, the hosts that they run on, and the key business processes that they support. If a potential problem is spotted, you may use Oracle Enterprise Manager's diagnostic tools to identify the root cause and fix it quickly. In addition, Oracle Enterprise Manager helps you visualize the impact of application performance in the context of business impacts, so that you can apply resources in a way that is aligned with your business priorities. With Oracle Application Management Pack for Oracle E-Business Suite, you get the tools that help you achieve the required application performance and availability, improve your management productivity, better utilize your resources, and drive down costs.

### Automatic Discovery of E-Business Suite Systems

Grid Control has the ability to discover Oracle E-Business Suite systems automatically. This swift and easy discovery process is quite useful when monitoring large number of Oracle E-Business Suite instances on the Grid.

### Configuration Management

Application Management Pack for Oracle E-Business Suite provides administrators with the ability to collect, compare, and search Oracle E-Business Suite configuration details, including application system summary, patches applied, application context files and related configuration files, technology stack inventory, concurrent processing configuration, Workflow configuration, user activity, and custom configuration.

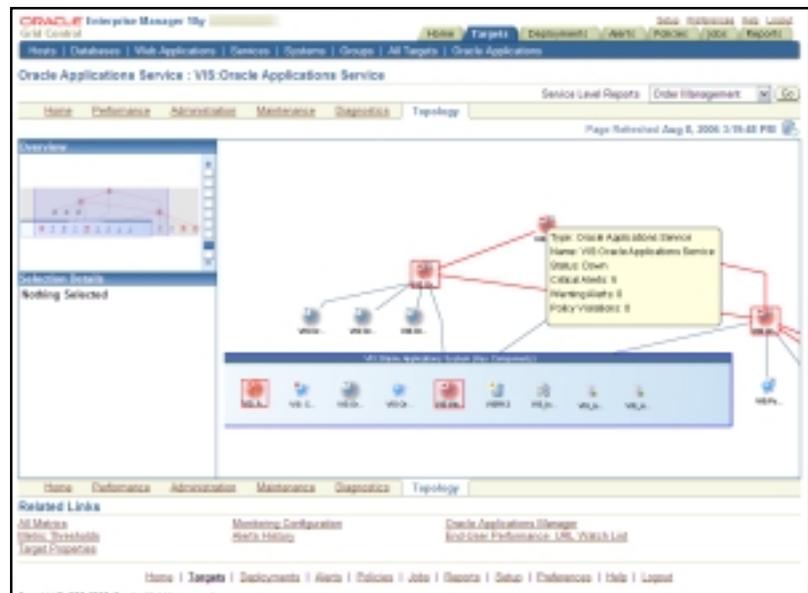
### Service Level Management

Application Management Pack for Oracle E-Business Suite automatically provides service level reporting for the key Oracle E-Business Suite infrastructure and application services. Service level alerts can be configured for throughput and availability metrics. Out of the box infrastructure services monitored are concurrent processing, Forms-based applications, HTML-based applications, and Oracle Workflow. Detailed guidelines to record and playback application services (both Forms and HTML-based) are available.

- Automated clone process that includes the capability to customize clone process and to obfuscate sensitive data

### Intuitive User Interface

Application Management Pack for E-Business Suite provides a comprehensive view of the system, plus links to common administrative tasks in Oracle Applications Manager from Grid Control. It also provides system administrators the ability to view the infrastructure service topology of the Oracle E-Business Suite system. The topology view (as shown in Figure 1) lists the dependencies between infrastructure services, key system components, and other services. In the event of service failure, the potential causes (as identified by root cause analysis), are highlighted in the topology view.



**Figure 1:** Oracle Applications Topology View

### Cloning

Application Management Pack for Oracle E-Business Suite allows the Oracle E-Business Suite systems to be automatically cloned via the Grid Control provisioning framework. A step-by-step interview guides administrators through the cloning process. Cloning process can be classified as:

- Source to Target: Cloning process where the source system data is extracted and applied onto a target system.
- Source to Image: Cloning process where Source system data is extracted and stored as an image.
- Image to Target: Process where the image is applied to a target system. Grid Control automates the creation of clone systems, and executes any required application-specific actions.

Additionally, administrators can modify the standard cloning process to include custom actions. One of such custom action is data scrambling. Data Scrambling is the process of obfuscating or removing sensitive data, and is used by functional administrators and database administrators when cloning an environment containing sensitive information. The scrambling

**KEY BENEFITS**

With Oracle Application Management Pack for Oracle E-Business Suite, you get the tools that help you achieve the required application performance and availability, improve your management productivity, better utilize your resources, and drive down costs. You may also plan, organize and execute enterprise-wide clone jobs from a single location, maintain mirror systems at the same patch level and data, and have the flexibility to adapt to an enterprise's custom clone process.

**RELATED PRODUCTS**

The following Oracle Enterprise Manager products can be used with Application Management Pack for Oracle E-Business Suite to achieve end-to-end management of the complete application environment:

- Diagnostic Pack for Database
- Tuning Pack for Database
- Configuration Management Pack for Database
- Configuration Management Pack for Non-Oracle Systems
- System Monitoring Plug-in for Non-Oracle Databases
- System Monitoring Plug-in for Storage
- System Monitoring Plug-in for Network Devices

process is irreversible, so that the original data cannot be derived from the scrambled data, maximizing security. Configuration of data scrambling is performed within Oracle Applications Manager. The first step is to define attributes and maps them to database columns. The second step is to collect attributes together to define policies and policy sets.

**Data Scrambling Characteristics**

- **Secure:** When creating the new instance, scrambling will proceed before any interfaces are brought up, to ensure that there is no access to the internal image.
- **Irreversible:** As noted above, scrambling is irreversible, so that the original data cannot be derived from the scrambled data.
- **Repeatable:** Cloning is typically performed by system administrators as part of testing a patch or resolving an issue. The scrambling process is repeatable (with the same parameters) to facilitate this.
- **Parallelizable:** The data scrambling process is optimized to handle large volume of data using sophisticated algorithms.

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