ORACLE ENTERPRISE MANAGER CLOUD CONTROL

Create self-service IT, simplify and automate IT operations, and deliver enterprise clouds that provide maximum business value – within days!

Reduce downtime by up to 90%. Improve staff productivity by up to 75%. Reduce capital expenditures on servers by 20% or more.

Oracle Enterprise Manager is industry’s only complete, integrated and business-driven enterprise cloud management solution. It enables the transformation of Enterprise IT into a dynamic, self-service Enterprise Cloud by providing a complete cloud lifecycle management solution. It also provides a unified, deep and comprehensive view of the entire IT through its integrated Applications-to-Disk management capabilities. Finally, it is the only product that enables all of these capabilities to be provided at enterprise-scale – stable and secure, for the most demanding workloads.

Total Cloud Control

Complete Cloud Lifecycle Management

Oracle Enterprise Manager 12c provides a complete cloud lifecycle management solution. It helps enterprises discover their IT assets and plan their cloud by providing consolidation recommendations. It has a guided cloud setup wizard to help enterprise IT administrators define a rich set of cloud services, including Infrastructure-as-a-Service (IaaS), Database-as-a-Service (DBaaS) or Middleware-as-a-Service (MWaaS). Oracle Enterprise Manager 12c also includes an out-of-the-box self-service portal and programmatic APIs so self-service users can deploy multi-tier enterprise applications, databases and infrastructure resources easily and quickly. Enterprise Manager’s policy driven workload management capability enables application elasticity by dynamically provisioning and de-provisioning resources in response to changes in the business workload. New Pluggable Database as a Service, Testing as a Service, Schema as a Service and Snap Clone features provide unique capabilities for purpose-build private clouds. Finally, built-in metering and chargeback functionality
Exalogic, Exalytics, SuperCluster,
Oracle Virtual Compute Appliance,
Oracle Database Appliance, Oracle Big
Data Appliance others)

accurately tracks resource consumption at every level of the stack (VM, OS, database, JVM) –
providing both business users and IT administrators a comprehensive and transparent view of
how effectively cloud resources are being used.

Unlike competing solutions, Oracle Enterprise Manager Cloud Control delivers a complete,
unified and application-aware/business-driven enterprise cloud management solution. It
eliminates the integration costs customers experience today with multiple point solutions
(even when they may be delivered by the same vendor). Oracle Enterprise Manager can
transform a traditional IT environment into an Enterprise Cloud within matter of hours,
providing end-user access to solutions that span the entire stack ranging from IaaS to DBaaS
and MWaaS, built on physical or virtual systems. An updated Self-Service Portal and broader
service catalog incorporating high-availability Database as a service options were introduced
in the latest release, along with updated Rapid Start kits for DBaaS and MWaaS, making it
even easier to set up private clouds providing a variety of enterprise services.

A fundamental promise of Cloud is to simplify an IT environment, make it more agile and
transparent and empower business. It is extremely difficult – if not impossible – to achieve
this using the conventional, fragmented management approach. Only a complete, integrated
and business-driven solution such as provided by Oracle Enterprise Manager 12c can truly
help you achieve this goal.

Integrated Application-to-Disk (Cloud Stack) Management

Oracle Enterprise Manager 12c continues Oracle’s ongoing commitment to providing
manageability built directly into the entire technology stack, from applications to disk. By
engineering management together with managed technology, Oracle allows customers to
quickly benefit from zero-overhead instrumentation, integrated optimization advisory and a
single pane of glass to manage your complete IT stack – all the way from applications to
middleware and database, and down through OS, virtualization, and hardware layers. Using
Oracle Enterprise Manager 12c, you have an integrated view of the health and performance of
your IT stack, can manage the configuration and compliance for every component of the
stack, automate lifecycle management tasks such as provisioning and patching, and test the
entire application stack through its unique blend of synthetic and real world workload based
testing solution and test data management capabilities.

Application and Middleware Management

Oracle Enterprise Manager 12c provides advanced, out-of-the-box application management
solutions for packaged, custom and third party applications - including Oracle E-Business
Suite, Siebel, PeopleSoft, J.D. Edwards, Fusion Applications as well as Java- or SOA based
custom and third party applications. Oracle Enterprise Manager 12c also contains a
comprehensive management solution for Oracle Fusion Middleware components such as
Oracle WebLogic Server, Oracle SOA Suite, Oracle Coherence, Oracle Identity Management,
Oracle Business Intelligence, Sun Glassfish, Oracle Jolt and Oracle WebCenter. Deep
application and middleware management capabilities provide customers the unique ability to
manage a complete application environment in a holistic manner. Unlike other management
solutions, Oracle Enterprise Manager Cloud Control not only detects problem symptoms, it
helps pinpoint root cause and remedy the problem through deep awareness and insight into
packaged application, SOA, Java and other middleware.

Database Management

Oracle revolutionized the field of enterprise database management systems with the release of
Oracle Database 10g by introducing the industry’s first self-management capabilities built
right into the database kernel. Today, Oracle Database and Oracle Enterprise Manager provide
the most extensive self-management capabilities in the industry, ranging from zero-overhead
instrumentation to integrated self-healing and comprehensive database lifecycle management.
Oracle Enterprise Manager 12c further extends this leadership by introducing Automatic Workload Repository (AWR) Warehouse in addition to ongoing enhancements to longtime DBA favorites such as Real Time Automatic Database Diagnostics Monitor (ADDM) and multi-dimensional analysis of database performance data (Active Session History). Oracle Enterprise Manager 12c also further streamlines database lifecycle management by automating mass database upgrades and out-of-place patching processes, which further increases administrator productivity, reduces downtime and minimizes disruptions due to human errors.

Hardware and Virtualization Management

While software management has been Oracle Enterprise Manager’s traditional strength, it now provides equally deep management capabilities for hardware and virtualization layers as well. By delivering comprehensive provisioning, patching, monitoring, administration, and configuration management capabilities for both physical and virtual systems, Enterprise Manager significantly reduces the complexity and cost associated with traditional system administration. In addition, enterprises using Oracle Sun hardware can get deep insight into their server, storage and network infrastructure layers and manage thousands of systems in a scalable manner.

Heterogeneous Management

Oracle Enterprise Manager’s management capabilities can be extended to non-Oracle products using System Monitoring Plug-ins for third-party products, providing an integrated solution for managing your Oracle applications end-to-end in heterogeneous environments. Oracle Enterprise Manager also integrates with other management tools and help desk systems through Management Connectors that can send alerts to another management tool, exchange event information bi-directionally or automatically create helpdesk tickets. Management Plug-ins and Connectors are both Oracle-developed and developed by third-party vendors with support and validation by Oracle. Customers can also leverage the included Extensibility Development Kit (EDK) to take advantage of the same mechanism used by Oracle and partners to easily extend or customize Enterprise Manager to monitor any component (custom applications, network switches, routers, etc) in your environment and/or integrate Enterprise Manager with your management tools.

Integrated Systems Management and Support

Let Oracle Support be your trusted partner in your on-premise lifecycle management activities: all of Enterprise Manager’s on-premise instrumentation can be connected live or in offline/batch mode to My Oracle Support for real-time communication between Oracle and our customers, including automated support requests (ASRs), certification checks and proactive patch advisory. These capabilities allow Oracle Enterprise Manager to automatically detect hardware failures and log a service requests for replacement parts thereby reducing the turnaround time. My Oracle Support integration also enable Oracle Enterprise Manager to proactively advice you of the critical patches/software updates applicable to your environment and automatically apply them should you choose to do so. By combining the rich on-premise system management information with extensive support knowledge base, Oracle Enterprise Manager helps you stay ahead of the curve, plan changes proactively, and minimize business disruptions.

Engineered System Management

The power of integrated application-to-disk management and its associated benefits are nowhere better exposed than with Oracle’s Engineered Systems – such as Exadata, Exalogic, SuperCluster, Exalytics, Oracle Virtual Compute Appliance (OVCA), Oracle Big Data Appliance and Oracle Database Appliance (ODA). Thanks to Oracle Enterprise Manager’s tight integrations with these and other engineered systems platforms, customers benefit from
hardware, software and management engineered together into a complete, holistic and easy to manage solution. Oracle Enterprise Manager 12c features an integrated hardware and software view of the engineered system, thereby providing customers a single pane of glass to monitor both hardware and software components, view and manage the dependencies, and correlate software and hardware performance and health to ensure best quality of service.

Application Quality Management

Oracle's Application Quality Management products provide a complete testing solution for Oracle Database, Oracle Packaged Applications and custom Web applications. Application Testing Suite's Test Management, Functional Testing, and Load Testing capabilities ensure the quality of web-based applications. Application Replay and Real Application Testing enable realistic, production-scale testing of application and database infrastructure. And Oracle Test Data Management and Data Masking provide efficient, automated and secure test system creation capabilities for Oracle and non-Oracle databases, with out-of-the-box templates for Oracle packaged applications.

Superior, Enterprise-Grade Management

Your traditional or private cloud IT environment powered by Oracle Enterprise Manager needs to support mission-critical, production-worthy workloads, not just dev/test sandboxes. Oracle Enterprise Manager’s management framework is designed to serve the needs of these large-scale environments. Enterprise Manager’s modular, self-updating framework allows for easy incorporation of the latest and greatest product releases from Oracle, and has been thoroughly tested for scalability since it provides the single management regime for the entire Oracle Cloud. Enterprise Manager’s fine-grained security allows organizations to tightly control access to shared services powered by Enterprise Manager. New features in Release 4 include a new Security Console, Private Roles and support for SNMP v3 with encryption.

Total Cloud Control

Oracle Enterprise Manager 12c provides the industry’s best management for Oracle technology, whether in traditional or private cloud IT environments. The product’s Complete Cloud Lifecycle Management, Integrated Application-to-Disk (Cloud Stack) Management and Superior, Enterprise-Grade Management capabilities allow you to achieve unprecedented agility and efficiency gains while lowering ongoing risk. Take advantage of management built into the platform and achieve Total Cloud Control.

Contact Us

For more information about Oracle Enterprise Manager Cloud Control 12c visit oracle.com/us/products/enterprise-manager or call +1.800.ORACLE1 to speak to an Oracle representative.

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Hardware and Software, Engineered to Work Together