Oracle Cloud Solutions Overview

Cloud computing delivers great benefits in terms of greater business agility and responsiveness, less risk, and lower costs, but realizing those benefits depends on the vendor.

Oracle Cloud offers the industry’s most comprehensive and integrated public cloud, covering every layer of the cloud technology stack including software as a service (SaaS).

For private clouds, Oracle offers a comprehensive portfolio of best-in-class, integrated products whether you are consolidating at the infrastructure, platform, or the application layer.

How can you take advantage of the trend toward cloud computing and leverage the investments you’ve already made in Oracle? Oracle Managed Cloud Services is the solution.

Discover more information about Oracle Cloud Solutions, including written materials, multimedia assets and links to additional websites.
Oracle’s cloud strategy is the most comprehensive, modern and secure offering of cloud products and services.

CLOUD COMPUTING

- Greater Business Agility
- Greater Responsiveness
- Less Risk
- Lower Costs

Oracle’s cloud strategy is to offer choice and flexibility with the most comprehensive, modern, and secure offering of cloud products and services for your business, IT infrastructure, and development needs.

As showcased by this report which surveyed 300 IT executives worldwide on their cloud strategy and requirement today, organizations are embracing the cloud for its potential business transformational impact. Beyond just lowering up-front costs, the cloud promises to deliver greater business agility, so you can respond quickly to new business opportunities.

ComputerWorld Survey report: Customers Speak: Cloud needs Guarantees
Elastic scaling allows your systems to scale up or down, as your business requirements grow and shrink. A cloud environment also delivers much greater flexibility as you can choose needed services from a service catalog. All of this frees your existing staff resources to focus on your business’ core competency and business innovation.

Furthermore, you want to meet the unique needs of your business with modern SaaS applications that can be tailored to the way you do business. In short, you want to deliver modern business in the cloud.

However, merely jumping on the cloud bandwagon doesn’t always produce the desired result. Many cloud offerings are specialized, offering limited functionality and lacking modern social and mobile capabilities.

You need a cloud computing strategy that incorporates leading hardware and software solutions with a range of enterprise and industry applications. You need technology that will work with—and enhance—your existing IT environments. And you need a vendor with experienced professionals who can support you no matter where you are in the lifecycle.

No longer do you want your IT staff to be just running and maintaining systems in house, you want them to provide additional value to the business itself. You also want your developers to be more effective, efficient and productive, able to develop applications in a public cloud that can then be moved quickly and easily into your in-house private cloud for production deployment.
Only Oracle offers a broad portfolio of enterprise-grade software and hardware products and cloud services that enable public, private, and hybrid clouds, so you can choose the right approach for your business. Unlike competitors with limited cloud options—for example, SaaS, virtualization only, or hardware only—Oracle provides the broadest, most complete, and most integrated set of cloud offerings in the industry.

**Oracle Cloud Solutions: The World’s Most Comprehensive, Flexible, and Secure Cloud Offerings**
Chapter 1: Oracle Cloud

Oracle Cloud offers the industry’s most comprehensive and integrated public cloud, including data as a service (DaaS), software as a service (SaaS), platform as a service (PaaS), and infrastructure as a service (IaaS). Oracle Cloud offers modern, best-in-class business applications that deploy quickly and securely in the cloud. Oracle Cloud offers an integrated development and deployment platform that includes tools to:

- Rapidly extend SaaS applications
- Create new applications
- Migrate existing applications to the cloud

Oracle Cloud delivers instant value and productivity for end users, administrators, and developers through functionally rich, integrated, secure, enterprise cloud services. These services are based on the World’s leading platform and infrastructure technologies, including Oracle Database, Oracle WebLogic Server, Oracle Exadata Database Machine, and Oracle Exalogic and enhanced with built-in identity management, high availability, backup, and monitoring to enable secure and scalable applications.

Oracle Cloud Data as a Service (DaaS)

Data is the connective tissue deriving unique intelligence from external sources to create unified actions across a broad set of systems and channels. In fact, data is emerging as the intelligence layer enriching the growing world of applications. Yet gaining the ability to access data and turn it into competitive advantage is a cumbersome process for many businesses. Oracle Cloud offers Oracle Data as a Service for Business (Oracle DaaS for Business) to help organizations leverage the growing volume and variety of external data.
Oracle DaaS provides a centralized way to source, manage, and furnish data to any business user in an immediately consumable format. The data is provided through a cloud service—connecting business users and applications to a rich set of information to inform business actions. Furthermore, Oracle DaaS takes a vendor-agnostic approach so that customers can activate the data in any application or engine of choice.

Each application is personalized, connected, and secure and comes with integrated social, mobile, and analytic capabilities to help you deliver the experiences customers expect, the talent to succeed, and the performance the market demands. With a modern cloud like Oracle’s, there are no information silos or any need to coordinate software upgrades between vendors, integrate data, or manage security policies across multiple applications.

In Oracle Cloud, customer data is protected at every technology layer, from applications to disk. Because Oracle designs and delivers every layer of the technology stack that our application services run on, we are uniquely able to optimize how all these systems work together. Your information is protected on a platform you can trust and never co-mingled with other customer data—for complete confidence in the cloud. This in turn delivers extreme performance and scalability that meet the requirements of even the largest and most transaction-intensive businesses.

Oracle Cloud Software as a Service (SaaS)

Modern cloud applications from Oracle help you reimagine your business, your practices, and your experiences. Oracle Cloud offers a modern, comprehensive suite of integrated, best-in-class SaaS applications including HR Cloud, CX Cloud, ERP Cloud, EPM Cloud, SCM Cloud, and Analytics Cloud. With comprehensive functionality across business processes, customers can solve their business problems with end-to-end execution and complete visibility.
Oracle Cloud Platform as a Service (PaaS)

Oracle Cloud Platform as a Service (PaaS) is powered by the industry’s #1 database (Oracle Database) and #1 cloud application server (Oracle WebLogic Server). Oracle engineers use this platform to build Oracle’s SaaS applications. By providing the same cloud platform to our customers, Oracle is enabling unique advantages to application developers including faster development of new applications as well as richer SaaS extensions plus the ability to move application code between Oracle Cloud and on-premises with no code changes.

Oracle Cloud PaaS is based upon industry standards including SQL, Java, and HTML5, and embraces design principles that enable self-service, ease of use, scalability, and elasticity.

The same set of technologies drive Oracle’s private and public PaaS offerings, enabling applications running on a customer’s private PaaS in their own data center to be easily and quickly migrated to the public PaaS in the Oracle Cloud.

Specifically for IT and developers, Oracle Cloud PaaS includes:

- Oracle Database Cloud Service to leverage the power and flexibility of the Oracle Database in the cloud
- Oracle Database Backup Service for secure, cloud-based storage of Oracle Database backups
- Oracle Java Cloud Service to develop, deploy and manage Java EE applications
- Oracle Developer Cloud Service to leverage a complete application development environment

Video: Badgeville Uses Oracle Cloud PaaS to Accelerate Development
Oracle Messaging Cloud Service to enable dynamic messaging for business workflow agility

Oracle Mobile Cloud Service to simplify enterprise mobile connectivity

Oracle Integration Cloud Service to leverage a simple and powerful cloud integration platform

Oracle Big Data Cloud Service to access secure, elastic Hadoop clusters in the cloud

Oracle Node.js Cloud Service for quick and easy deployment of Node.js applications in the cloud

Oracle Java SE Cloud Service to rapidly deploy and scale Java Standard Edition applications in the cloud

Oracle Cloud PaaS also includes offerings that enable business users to harness the power of Oracle’s platform in the cloud.

Specifically for business users, Oracle Cloud PaaS includes:

- Oracle Documents Cloud Service for file sync and share capabilities in the cloud
- Oracle Business Intelligence Cloud Service for enterprise-class business intelligence capabilities in the cloud
- Oracle Process Cloud Service to rapidly design, automate and manage business processes in the cloud

E-Book: Your Oracle Database in the Cloud

E-Book: An Environment to Build, Deploy, and Manage Java Enterprise Applications

Datasheet: Oracle Developer Cloud Service: an enterprise-grade platform to develop, collaborate, and deploy applications within the Oracle Cloud.

Video: Agile Analytics with Oracle BI Cloud Service

Oracle Cloud Infrastructure as a Service (IaaS)

Oracle Cloud Infrastructure as a Service (IaaS) offers a set of core infrastructure capabilities to provide businesses the ability to run any workload in the cloud.

Infrastructure as a Service:

- Oracle Compute Cloud Service for elastic compute capacity to address growing business needs
- Oracle Storage Cloud Service to leverage secure and scalable object storage from any environment connected to the internet

E-Book: Backing Up Data and Applications: Securely, Reliably, and Efficiently

Datasheet: Oracle Compute Cloud Service
Chapter 2: Private Cloud

For private clouds, Oracle offers a comprehensive portfolio of best-in-class, integrated products whether you are consolidating at the infrastructure, platform, or the application layer. Industry leading products, both hardware and software, provide the agility, performance, elastic scalability, reliability, deep visibility, and security your business requires.

Oracle’s Cloud Platform

Oracle’s cloud platform provides for the fast delivery of standardized services built for a multitenant environment that is ideal for application development and deployment. Consolidation of existing hardware and application servers, storage, and database workloads, is often the first step on your journey to the cloud. Oracle’s cloud platform ensures higher consolidation densities, rapid self provisioning of database services, and cloud management with monitoring, metering and secure pay as you grow services.

Precisely because Oracle builds the entire stack, from applications through the disk, Oracle can provide unprecedented integration and inter-operability across the depth and breadth of the stack. The comprehensive platform is based on industry standards, with all the built-in security and integration you would expect from a proven, enterprise ready solution.
Gain unparalleled control and flexibility with the interoperability between Oracle’s Public and Private PaaS offerings. The same enterprise-grade platform that drives Oracle PaaS in a public cloud can also be used by businesses to build their own private PaaS.

White Paper: Deliver Next-Generation Applications with Industry-Leading Oracle WebLogic Server 12c

PDF: Private Cloud solutions brief

PDF: Database-as-a-Service Reaches New Heights of Efficiency

Engineered for Cloud

Oracle Exalogic Elastic Cloud, Oracle Exadata Database Machine, Oracle’s Virtual Compute Appliance and Oracle SuperCluster are the first machines designed specifically for cloud — hardware and software engineered up and down the entire technology stack to provide an optimal cloud computing foundation.

These, pre-engineered, pre-certified machines deliver extreme performance, scalability, and reliability, as well as greatly simplified management with Oracle Enterprise Manager. Reduced IT complexity reduces costs, leaving more to spend on innovation and to pursue business opportunities.
In addition to engineered systems for cloud, Oracle offers a comprehensive portfolio of products for building cloud application platforms. The fundamental components extend from Oracle’s technologies such as Oracle Database, Oracle Multitenant and Oracle Real Application Clusters, and Oracle WebLogic Server. Integration across the components as well as to the public cloud is provided with Oracle’s integration technologies such as Oracle Integration Cloud Service, Oracle’s unified platform for all integrations – services, events, data and processes, Oracle SOA Suite, Oracle Data Integration products, and Business Process Management.

Oracle Integrated Cloud Services

- SERVICES
- EVENTS
- DATA AND PROCESSES
- ORACLE SOA SUITE
- ORACLE DATA INTEGRATION PRODUCTS
- BUSINESS PROCESS MANAGEMENT

Secure access is critical, for users to get their jobs done, but it’s also key to enforce proper data security. Oracle has a complete, best in class identity and data management solution.

For managing the cloud environment, Oracle Enterprise Manager provides integrated cloud stack management, cloud lifecycle management and performance monitoring.

eBook: Oracle Enterprise Manager 12c Provides A Single Pane of Glass for Managing Your Cloud
Oracle’s Cloud Infrastructure

Oracle’s cloud platform is built on top of a robust hardware and software infrastructure, consisting of Oracle Solaris, Oracle Linux, Oracle VM, SPARC and x86 servers, and Oracle storage systems, providing advanced virtualization, high performance and availability, an architecture for in-memory applications and simple management.

ORACLE’S CLOUD INFRASTRUCTURE

- ORACLE SOLARIS
- ORACLE LINUX
- ORACLE VM
- SPARC
- x86 SERVERS
- ORACLE STORAGE SYSTEMS

Video: HDFC Deploys DBaaS with Oracle Enterprise Manager 12c

Video: Korea Telecom video 1—Oracle Helps KT with IT Transformation

Video: Korea Telecom video 2—KT Benefits from Oracle’s Integrated Solutions

White Paper: See the Real-World Benefits of Private Clouds

White Paper: Delivering Database as a Service Using Oracle Enterprise Manager 12c

E-Book: Engineered Systems Portfolio

Private Cloud Assessment
Chapter 3
Oracle Managed Cloud Services

Extend Your Oracle Investments to the Cloud with Value, Choice, and Confidence

How can you take advantage of the trend toward cloud computing and leverage the investments you’ve already made in Oracle?

Oracle Managed Cloud Services is the solution.

With more than a decade of experience serving millions of end users, Oracle is a recognized leader.

Oracle delivers enterprise-grade, end-to-end managed cloud services across its broad portfolio of business applications, middleware, database, and hardware technologies.

Applications Managed Cloud Service

With Oracle Applications Managed Cloud Service, you choose the best deployment model for your business needs without lock-in. We can manage your applications onsite, at a partner location, or at one of our data centers. And you can easily scale up or down to respond to changing business and market requirements.

Find out More About Applications Managed Cloud Service
Technology Managed Cloud Service

Oracle Technology Managed Cloud Service provides you with end-to-end management services delivered in the cloud and managed by Oracle. This service enables you to accelerate time to deployment, increase availability and system performance, and reduce business risk. You gain faster access to innovation and a better return on your investment.

Find out More About Technology Managed Cloud Service

Extended Managed Cloud Service

Oracle Extended Managed Cloud Service goes beyond core infrastructure and application management services to provide you with services that span the entire software lifecycle. From migration, testing, and deployment to compliance and disaster recovery, Oracle experts help you get the most out of your cloud deployment, improving operational excellence and sharpening your competitive advantage.

Find out More About Extended Managed Cloud Service

Delivering Value, Choice, and Confidence

Oracle Managed Cloud Services helps you leverage Oracle’s years of experience so you can better focus and direct your resources. We provide more value from your investments, more choice to deploy your business applications any way you want, and more confidence that the system will perform and scale as required. Oracle managing Oracle just makes sense.

Let Oracle build and manage your cloud for you while you focus on driving your business forward
Additional Resources

Oracle Cloud

Videos

- Video: The Simplicity of Cloud Plus the Power of Oracle
- Video: Oracle Cloud: The Enterprise Cloud
- Video: Oracle Sales and Marketing Cloud Service
- Video: Oracle Human Capital Management Cloud Service
- Video: Oracle Social Network
- Video: Can your cloud provider keep up with your modern business?
- Video: A Modern Cloud in the hands of a CEO
- Video: Oracle’s Modern Cloud Makes Co-existence Easy

eBooks

- eBook: Oracle Database Backup Service: Back Up to Oracle Cloud
- eBook: Oracle Database Cloud Service
- eBook: Oracle Java Cloud Service

White Papers and Datasheets

- White Paper: Oracle Social Network
- Data Sheet: Oracle Database Cloud Service
- Data Sheet: Oracle Java Cloud Service - SaaS Extension
- Data Sheet: Oracle Java Cloud Service

Infographics

- Infographic: The cloud has moved on. Is your business keeping up?
Private Cloud

Videos

- Video: Introducing Dynamic Clusters in Oracle WebLogic Server
- Video: GE Healthcare - Dev/Test: Application As A Service in Private Cloud with Oracle Enterprise Manager 12c
- Video: HDFC Deploys DBaaS with Oracle Enterprise Manager 12c
- Video: Oracle Database as a Service Online Forum Keynote
- Video: Elastic JMS in Oracle WebLogic Server 12c
- Video: Customers Tout Oracle WebLogic Performance and Efficiency
- Video: Introducing Dynamic Clusters in Oracle WebLogic Server

eBooks

- E-Book: Integrate the Cloud

White Papers

- White Paper: Database Consolidation onto Private Clouds (PDF)
- White Paper: Managing Data with Cloud Computing (PDF)
- White Paper: Simplifying Cloud Integration
- White Paper: Demystifying Data Integration for the Cloud
- White Paper: Brave New World of Integration
- White Paper: Zero Downtime Consolidation to Private Database Cloud (PDF)
- Whitepaper: Deliver Next-Generation Applications with Industry-Leading Oracle WebLogic Server 12c
- Whitepaper: Oracle WebLogic Server 12.1.3 Technical WP
- ROI White Paper: Pique Solutions focused on Web Logic (PDF)
- Data Sheet: Oracle WebLogic Server 12c
- White Paper: Private Cloud Benefits—an IDG Survey in Five Key Industries (PDF)
- White Paper: "The Call for a New Breed of IT Infrastructure"
- White Paper: Demystifying Data Integration for Cloud
Demos

- Demo: Cloud Application Foundation: Driving Business Innovation

Webcasts

- Webcast: Case Study: How Oracle Global IT Created a Self-Service IaaS Dev/Test Cloud

 Websites

- Website: Byline: Tame the Cloud Integration Beast
- Website: Gartner Magic Quadrant: Integrated Systems
- Website: Wikibon: Duplicating Public Cloud Economics for Oracle Database Infrastructure

Oracle Managed Cloud Services

Videos

- Toshiba Ramps Up Quickly and Securely on Oracle’s JD Edwards

White Papers

- White Paper: A High-Level Guide to Effective Identity Managed in the Cloud (PDF)
- White Paper: The CIO as Chief Innovation Officer: How Cloud is Changing the CIO Role
- White Paper: Maximum Availability with Oracle Database 12c

Webcasts

- Webcast: Maximize the Value of Your Oracle Investment with Managed Cloud Services Functional Business Services

Infographics

- Infographic: Oracle Managed Cloud Services
Websites

Website: Cloud.oracle.com
Website: Oracle.com/cloud
Website: Oracle.com/managedcloudservices

Oracle Open World

Videos

Larry Ellison Oracle OpenWorld Opening Keynote
Larry Ellison Oracle PaaS Keynote
Mark Hurd The Business Value of the Cloud
Thomas Kurian Cloud Services for the Modern Enterprise

Social Media

Oracle Cloud Computing Blog
Oracle Cloud Computing on Facebook
Oracle Cloud Computing on Twitter
Oracle Newsletter Archives