ORACLE

Oracle Cloud@Customer

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs

1. The second-generation cloud

The modern enterprise is being reshaped by cloud computing, enabling greater competitive agility and flexibility. Today's emerging technologies such as AI, blockchain, the Internet of Things (IoT), and real-time analytics are helping transform operations and unlock new areas of innovation.

We're living in generation cloud and, according to Gartner, through 2022, the market size and growth of cloud services will grow at nearly three times that of overall IT services.[1]

But while cloud markets continue to grow, disruption continues to stem from poor accessibility—with the question for many businesses no longer being why to adopt the cloud, but how.

Enter Oracle Cloud@Customer.

Oracle Cloud@Customer helps organizations that cannot move workloads to the public cloud (due to security, latency, data residency, and regulatory needs) to take advantage nonetheless of all of its benefits.

The reality is that for many organizations, on-premises and cloud must coexist. Oracle Cloud@Customer is built to help preserve your existing investments and meet the most demanding regulatory and latency requirements while also offering cloud-scale security, resiliency, and cost-effectiveness.

Rather than procuring new hardware and software, and managing a complex IT environment, Oracle Cloud@Customer enables you to use Oracle Cloud Infrastructure, Oracle Autonomous Database, and Oracle Exadata on-premises.

In addition, Oracle Dedicated Region Cloud@Customer gives you the choice and flexibility to run all the exact same Oracle Cloud Infrastructure Generation 2 public cloud services in your data centers. This includes Oracle Autonomous Database, Oracle Cloud Infrastructure Container Engine for Kubernetes, bare metal servers, Virtual Machines, and Oracle Database Exadata Cloud Service.

This way, you can ensure all customer data and operations are self-contained, and managed from one simple dashboard.

The Oracle Cloud@Customer product line includes:

- Oracle Dedicated Region Cloud@Customer
- Autonomous Database on Exadata Cloud@Customer
- Exadata Database Cloud@Customer

1 "Gartner Forecasts Worldwide Public Cloud Revenue to Grow 17.5 Percent in 2019," press release, April 2, 2019, on Gartner website, gartner.com/en/newsroom/press-releases/2019-04-02-gartner-forecasts-worldwide-public-cloud-revenue-to-g.

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs

2. Simplify your cloud journey

Transitioning to a new IT environment can be a significant challenge, and for many, legacy systems and workloads can prevent a full public-cloud migration.

Oracle Cloud@Customer provides access to cloud technologies in your data center. You can simplify IT infrastructure without disrupting any workloads. And you can develop, manage, and deploy those workloads on a single-tenant location-agnostic platform for improved flexibility.

Oracle Cloud@Customer enables you to easily run business-critical applications and databases on-premises in your data center, while addressing critical security, compliance, and performance needs. It also delivers the highest degree of identicality—meaning you get the exact same hardware, configurations, and software versions as you would on Oracle Cloud. And Oracle manages and is responsible for the complete hardware and software stack.

Governance and control are integrated as standard, and reliably backed by the same end-to-end SLAs, APIs, and tools available in Oracle Cloud. This helps you to deliver a consistent management experience for security, operations, and governance of all of your workloads.

From a business standpoint, a cloud of your own in your data center lets you deploy services closer to data sources and apps, take greater control of the software and infrastructure lifecycle, update schedules and versioning, and consolidate workloads and availability policies.

Did you know?

- Through 2022, a lack of cloud IaaS skills **will delay half** of enterprise IT organizations' cloud migrations **by two years or more**[2]
- **By 2023,** the leading cloud service providers will have a distributed ATM-like presence to serve a subset of their services for low-latency application requirements[3]
- **60% of organizations** will use an external provider's cloud-managed services by 2022—double that of 2018[4]

Learn how Oracle Cloud@Customer products powers next-gen computing.

Learn how

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs

2 Meghan Rimol, "Four Trends Impacting Cloud Adoption in 2020," Gartner, January 22, 2020, gartner.com/smarterwithgartner/4-trends-impacting-cloud-adoption-in-2020/.
3 Ibid.
4 Donna Goodison, "Eight Public Cloud Trends and Strategies to Watch in 2020," CRN, January 08, 2020, crn.com/slide-shows/cloud/8-public-cloud-trends-and-strategies-to-watch-in-2020.

3. Keeping data safe

All critical systems have their own security challenges. Custom security standards and policies can often disrupt what could otherwise be a seamless cloud migration. But thanks to Oracle Cloud@Customer, this is no longer the case.

With Oracle Cloud@Customer, you can—for the first time ever—take advantage of both Oracle Cloud Infrastructure and Oracle Autonomous Database in your data center. This means you get all the second-generation Oracle Cloud Infrastructure services and dedicated database cloud in your data center, and security and performance isolation that can be easily tailored for each workload.

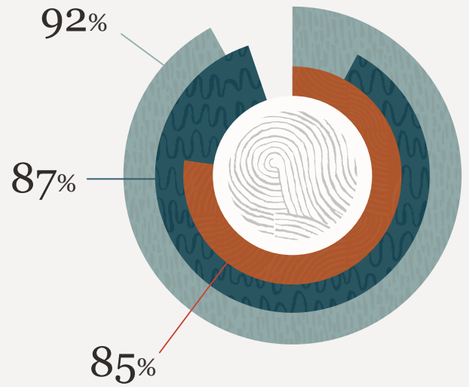
Advanced security automation is applied across all layers, while machine learning (ML) helps identify sensitive data and masks it for use in partner or development environments. Oracle Autonomous Database also uses ML to provide self-driving, self-repairing, and self-securing capabilities, eliminating the need for any manual security patching and tuning.

Complete data encryption helps prevent unwanted visibility and ensures 24/7 security, while intelligent automation continuously monitors database activity, alerting administrators to any suspicious users, configurations, or activity.

Learn why Oracle Autonomous Database is the world's first fully automated cloud database powered by machine learning. And for further reading, explore the IDC white paper, "The Security Benefits of a Fully Managed Database Service: Oracle Autonomous Database."

Learn why

Read the white paper



- **92%** of organizations claim to have a gap in their cloud-security readiness[5]
- **87%** of organizations view AI as a must-have for security controls[6]
- **85%** of organizations have reported a cyberbreach in the last three years[7]

Through 2024, nearly all legacy applications migrated to public IaaS will require optimization to become more cost-effective[8]

5 Oracle and KPMG, "Oracle and KPMG Cloud Threat Report 2020," oracle.com/a/ocom/docs/cloud/oracle-cloud-threat-report-2020.pdf.
6 Ibid.
7 Alison DeNisco Rayome, "Cybersecurity No. 1 Challenge for CXOs, but Only 39% Have a Defense Strategy," TechRepublic, October 29, 2018, techrepublic.com/article/cybersecurity-no-1-challenge-for-cxos-but-only-39-have-a-defense-strategy/.
8 Ibid.

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs

4. Empower developers with agility

For developers and analysts, the cloud represents a critical innovation tool, helping them innovate faster and unlock more data-driven insights.

A dedicated cloud in their data center reduces barriers to modern application development and makes accessing data-driven tools even easier, automating maintenance functions for faster development and simplified data management. Organizations can even eliminate migration complexity and accelerate time to market by running transactions, data warehousing, or mixed workloads on a converged, self-service on-premises Oracle Database.

Oracle Dedicated Region Cloud@Customer provides access to a self-service portal or REST APIs to provision Oracle Cloud Infrastructure services, including a fully managed converged autonomous database in minutes. For easy connectivity and a unified experience, developers can use the exact same APIs, tools, and SDKs on both the public cloud and Oracle Cloud@Customer.

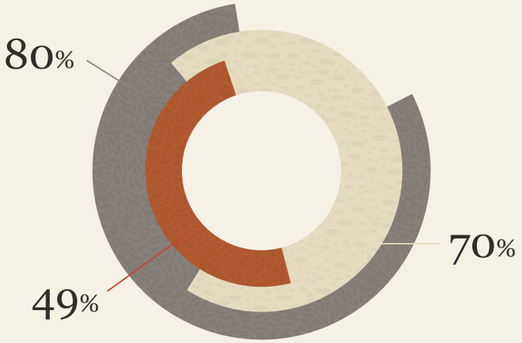
To enable low-code data-driven app development, Oracle Autonomous Database includes Oracle Application Express (APEX). This is a development framework that lets both citizen and professional developers quickly load data, manage database objects, develop REST APIs, and build functional mobile and desktop applications. Oracle Machine Learning also includes 30 integrated algorithms to help simplify development and enable real-time predictions.

For modern cloud native application development, Oracle Dedicated Region Cloud@Customer includes services such as Oracle Container Engine for Kubernetes and Oracle Cloud Infrastructure Registry, Oracle Streaming, Oracle Events, and Oracle Functions.

Oracle Autonomous Database supports multiple data models—spatial, graph, JSON, time series, XML and more—in a single database running natively on the Oracle Cloud Infrastructure platform with workload-optimized cloud services for transaction processing and data warehouses.

Did you know?

Developers can use any of the second-generation Oracle Cloud platform and infrastructure services, including Oracle Autonomous Database, Oracle Cloud Infrastructure Container Engine for Kubernetes, Compute VMs and Oracle Exadata Cloud Service. And to keep costs low and predictable, they only pay for the services they consume.



- **70%** of IT decision-makers believe cloud computing makes them more agile[9]
- **49%** of enterprises see faster time to deployment as a key reason for migrating to a modern cloud[10]
- **80%** of global companies will be using advanced analytics in the next three years[11]

Learn how Oracle Autonomous Database and Oracle APEX can deliver superior data-driven apps using proven low-code aapplication development, and why more than 500,000 global developers choose Oracle APEX for rapid application development.

Learn how

Find out why

9 Oracle, "2020: Oracle's Top 10 Cloud Predictions," oracle.com/a/ocom/docs/cloud/oracle-cloud-predictions-2020.pdf?intcmp=:ow:o:s:feb:&source=:ow:o:s:feb.
10 Ibid.
11 Oracle, "Cloud Perspectives: Read Between the Numbers," oracle.com/a/ocom/docs/dc/offerlpd400016762.pdf?elqTrackId=1db018975aa64c9a89b30dd788313c0c&elqaid=87972&elqat=2.

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

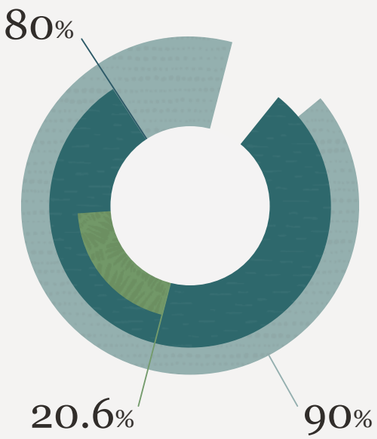
Copyright © Oracle 2020. See full T&Cs

5. Automation for innovation

With autonomous technologies, you can eliminate maintenance activities. Oracle Autonomous Database provides automated configuration, patching, and tuning. It reduces the possibility of human error, reduces labor costs, and enables IT to focus on more-strategic projects.

Running on a second-generation cloud, Oracle Autonomous Database is a self-driving, self-securing, and self-repairing service with scalable and customizable operational policies. In addition, by applying AI capabilities, you can automate virtually every aspect of data management. This provides helping deliver the speed and scalability your business needs to stay competitive.

With Oracle Dedicated Region Cloud@Customer, you gain the benefit of all Oracle Cloud Infrastructure Services including the Oracle Autonomous Database on-premises—enabling greater control over database resources, full database lifecycle management, DevOps tools, and infrastructure automation using Terraform, all while driving cloud-based innovation.



Did you know?

- Cloud-based automation can cut routine IT administration by **80%**[12]
- Companies that adopt cloud services experience a **20.6%** improvement in time to market[13]
- **90%** of the world's data has been generated over the past two years[14]

To learn more about how Oracle Autonomous Database can help you innovate and free your people to focus on more-strategic tasks, read our product reports here—or if you're ready, trial it for free.

Learn more | Trial it for free

12 Oracle, "Cloud Perspectives: Lead the Way Through the Digital Unknown," oracle.com/a/ocom/docs/dc/em/oracle_oci_cio_ebook_112519_interactive.pdf?elqTrackId=f5e154720d4d47caafc7a5daefa2a9ff&elqaid=87821&elqat=2.
13 Oracle, "2020: Oracle's Top 10 Cloud Predictions," oracle.com/a/ocom/docs/cloud/oracle-cloud-predictions-2020.pdf?intcmp=:ow:o:s:feb:&source=:ow:o:s:feb.
14 Oracle, "Cloud Perspectives: Reshape Your Role," oracle.com/a/ocom/docs/dc/em/oracle_oci_it_ebook_112519_interactive.pdf?elqTrackId=c968477a49a341d18d1437ec99f10e45&elqaid=87822&elqat=2.

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs

6. All the benefits of the public cloud—on-premise

Oracle Dedicated Region Cloud@Customer is a fully managed true cloud experience that keeps all data and operations completely self-contained in your data center to help you meet the most demanding compliance and latency requirements.

New capabilities become accessible the moment they're available in the public cloud, helping you to incrementally modernize legacy workloads while taking advantage of cloud-scale security, resiliency, and scalability for mission-critical workloads.

Although it's deployed as a dedicated on-premises platform in your data center, it's a managed cloud to ensure 24/7 availability, support, and autonomous maintenance—as well as the consistent pricing and performance you expect from public clouds.

By blending the benefits of the cloud with an on-premises environment, you can experience the best of both worlds and expand your opportunities for innovation and growth.

Try Oracle Cloud Free Tier

Oracle Dedicated Region Cloud@Customer

- Run all the Oracle Cloud Infrastructure second-generation services with the exact same SLAs, APIs, and tools available on an Oracle public cloud in a **dedicated on-premises location**
- Get transparent, **predictable infrastructure pricing** across all regions and offerings
- Certified to run Oracle SaaS products like **ERP Financials, HCM,** and **SCM**
- Get **single-vendor cloud accountability** and management for all cloud platforms, databases and infrastructures
- Oracle certifies services for **SOC 1, SOC 2, ISO 27001,** and **ISO 9001** compliance at no additional cost

Provides customers the exact same set of services available in the public regions of Oracle Cloud Infrastructure in their data center while delivering the agility, economic and performance benefits of public clouds

Learn more

Oracle Autonomous Database on Exadata Cloud@Customer

- Achieve **high levels of isolation and security,** low-latency access to applications, and **customizable operational policies** to keep applications running
- Combine the benefits of **cloud elasticity** with **predictable performance** and automated management—including patching, upgrades, tuning, and backups
- **Eliminate** security, isolation, data residency, and operational policy **concerns** when moving to the public cloud
- **Gain improved operational efficiency, increased reliability,** and **high performance** with database consolidation
- Simplify management of on-premises and Oracle public-cloud services with a **single source of truth**

Delivers a fully managed and converged database with machine learning based automation including automated patching, upgrades, tuning, and backups with zero downtime.

Learn more

Oracle Exadata Database Cloud@Customer

- Oracle Exadata Cloud@Customer offers the **highest-performing, most-available architecture** for Oracle Database behind the firewall of your company's data center
- Optimize Oracle Database performance and consolidation efficiency with **over 60 unique Oracle Exadata features** coengineered with Oracle Database
- Utilize **over 700GB of memory per database server,** double that of on-premises Oracle Exadata
- Benefit from **50% more processing power** than Oracle Exadata on-premises with 24-core Intel Cascade Lake CPUs
- Configure with **25GB of flash** and **12 of the 14TB disk drives** available in each storage server

Exadata X8M achieves industry-leading performance and availability, as well as a broad range of capabilities based on machine learning.

Learn more

Try Oracle Cloud Free Tier

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**

Outside North America, find your local office at **oracle.com/contact**

Copyright © Oracle 2020. See full T&Cs