

A man and a woman are working together in a server room. The woman, wearing glasses and an orange shirt, is pointing at a laptop screen. The man, wearing a grey shirt, is looking at the screen. They are standing at a black desk. In the background, there are server racks with Oracle logos. The Oracle logo is also in the top right corner of the image.

ORACLE®

GOLDENGATE CLOUD  
SERVICE

Provision,  
Replicate, Manage  
with  
Oracle GoldenGate  
Cloud Service

## Introduction

# Put your data in the cloud...

Oracle GoldenGate Cloud Service is a secure, high-performance, reliable data replication solution for moving data in real time to the public cloud.

Oracle GoldenGate Cloud Service complements your on-premises data replication strategy by extending data replication to the cloud. You can use the familiar Oracle GoldenGate interface to perform in-cloud data replication and you can easily integrate new cloud solutions with existing Oracle GoldenGate deployments.

This on-demand platform allows you to capture data from on-premises or the cloud, and deliver that data to the cloud with minimum impact to source systems—all with no up-front, on-premise capital cost, or hardware expenses and in an environment with simplified configuration and management.

Building on top of the elastic compute and storage offered by Oracle Cloud Infrastructure, you can run any workload on Oracle GoldenGate Cloud Service and easily expand your environment when your application needs to grow.



## Integration



## Use the best of breed cloud integration.

You get the industry's best data integration and replication environment running on top of enterprise-grade cloud infrastructure.

The platform is powered by Oracle GoldenGate and Oracle GoldenGate Cloud Service—the #1 integration, replication, monitoring, and cloud service environment for on-premises and cloud environments. Your environment is preinstalled and preconfigured using Oracle's best practices for application deployment to maximize performance, scalability, and reliability.

Oracle GoldenGate Cloud Service includes prebuilt integration with Oracle Database Cloud Service to optimize the data process and simplify the deployments.

## Quick and Easy Setup

## Setup is **quick and easy**.

Create a complete Oracle GoldenGate Cloud Service environment in the cloud with just a few clicks and some simple configurations.

Use a simple wizard to select the feature set and capacity you need for your Oracle GoldenGate Cloud Service environment. You don't have to worry about setting up any infrastructure or platform details yourself.

When you've completed the wizard, your environment—fully integrated with Oracle Database Cloud Service and Oracle Infrastructure Object Storage Classic Cloud Service—is provisioned in minutes. Everything is started quickly, and you can begin to replicate and monitor your data transactions easily.

**WATCH**

Get Started with  
GoldenGate Cloud Service





## Why Use It?

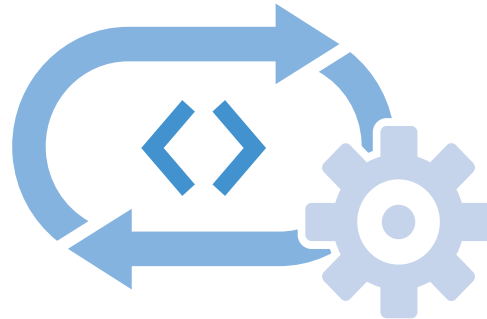


Move to Oracle GoldenGate Cloud Service in the cloud because it's **fast, flexible, and simple** to use.

- **Fast.** Configure a complete Oracle GoldenGate Cloud Service environment in minutes.
- **Flexible.** Use a variety of setup options with preinstalled or preconfigured database instances. Resources are elastic—add or remove CPU, memory, or storage as needed.
- **Simple.** Each Oracle GoldenGate Service instance is pre-loaded with installable bits—Oracle GoldenGate for Oracle 11g and 12c, Oracle GoldenGate for BigData, MySQL, and zOS.
- **Subscription-based.** Oracle GoldenGate Cloud Service subscriptions include all software updates and Oracle Support. Modify your subscription with an easy-to-use interface.
- **Integrated.** Rest assured that Oracle GoldenGate Cloud Service is tightly integrated with other Oracle Cloud services: Database, Compute, and Storage.

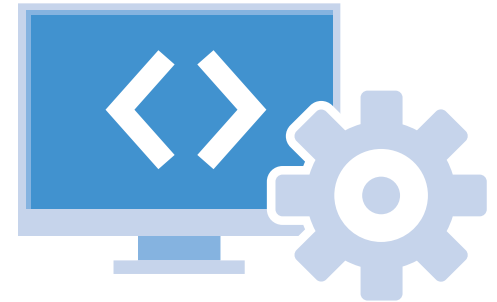
## Self-Service and Choice

Use a **self-service portal** to **provision** your Oracle GoldenGate Cloud Service environment and **manage** your service life cycle using advanced automated tooling.

**Provision**

When provisioning, you can:

- **Configure** Oracle GoldenGate Cloud Service instances.
- **Define** replication details, including security and database specifics.

**Manage**

When managing your service life cycle, you can:

- **Customize** operations easily in the self-service portal.
- **Perform** one-click lifecycle administrative operations.

## Provisioning

## Provision in minutes.

Using the provisioning capabilities in Oracle GoldenGate Cloud Service, you can provision a complete Oracle GoldenGate Cloud Service environment in minutes and immediately start integrating databases—both on-premises and in the cloud—replicating and monitoring data and transactions.

Your Oracle GoldenGate Cloud Service environment includes all software required to integrate, replicate, and manage Oracle GoldenGate Cloud Service solutions.



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### ► Explore Provisioning



Secure



VM-Based



Integrated

## Secure

- Your Oracle GoldenGate Cloud Service instances are provisioned in an identity domain that corresponds to your Oracle Cloud Infrastructure account.
- Oracle GoldenGate Cloud Service trail files are completely encrypted, securing data from prying eyes.

## Provisioning

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### ► Explore Provisioning



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## VM-Based

The virtual machines (VMs) in your environment are:

- Based on the Oracle Linux 6.8 160 GB disk image.
- Highly available. The underlying infrastructure contains built-in capabilities to migrate an unhealthy VM in minutes to a separate hardware cluster.
- Managed for you using information that you provide during provisioning.



## Provisioning

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Your Oracle GoldenGate Cloud Service environment includes all software required to integrate, replicate, and manage Oracle GoldenGate Cloud Service solutions.



### Integrated

Oracle GoldenGate Cloud Service uses various integrated services including an Oracle Database Cloud Service instance for replication and Oracle GoldenGate Cloud Control for monitoring.

#### ► Explore Provisioning



Secure



VM-Based



Integrated

## After Provisioning

## Each service instance you create is **configured...**

with Oracle Database Cloud Service, Big Data Cloud, MySQL Cloud Service, and/or Exadata Cloud Service enabled for replication.

You can manage all your replication VMs all through a single Oracle Cloud console.



### Replication Solutions

- One-to-one and bi-directional replication of on-premises to the cloud.
- One-to-one, one-to-many and bi-directional replication of cloud data in the cloud.



### Deployment Advisor

Deploying Oracle GoldenGate Cloud Service into the public cloud requires:

- Up-front planning
- Infrastructure and testing

The Deployment Advisor provides support to help users deploy replication solutions quickly and easily.

## Secure

## Secure, but **flexible**.

Oracle GoldenGate Cloud Service has rigorous security practices and procedures that are based on decades of Oracle experience. It's closed off and secure by default, but you have the flexibility to open network ports as needed. To access the replication database in your VM, you can use port opening, SSH tunneling, SOCKS5 proxy, and more.

Oracle GoldenGate Cloud Service supports a full suite of security options. From secure proxies, to SSL, to X509 certificates—your data and intercommunications support are all safe, secure, and encrypted.



**Administer and Manage**

## Your entire environment is **visible and customizable...**

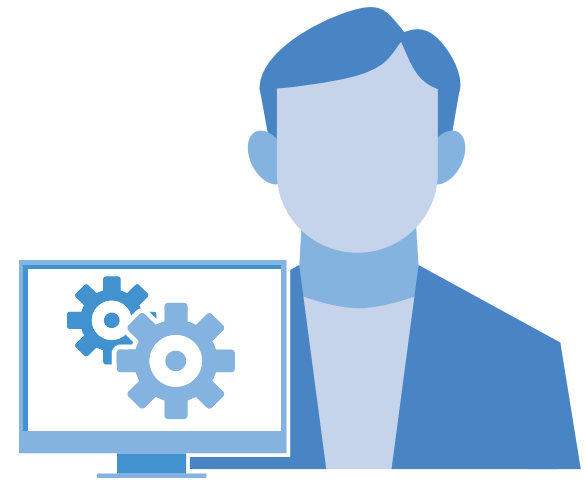
including Oracle GoldenGate Cloud Service instances, storage volumes and network settings.

You have complete control of your environment. GoldenGate Cloud Control provides built-in monitoring and alerting support using familiar tools and a user-friendly cloud portal.



### **Administer**

Because you have full OS root and Oracle Cloud console access, you have full administrative control of your Oracle GoldenGate Cloud Service instances, both through the console and via GGSCI.



### **Manage**

Manage your installation or have Oracle manage standard operations.



[Get Started](#)

## Learn More

- View data sheets, FAQs, pricing, and additional resources on the [GoldenGate Cloud Service](#) product page.
- Set up an account and register at [Oracle Cloud](#).

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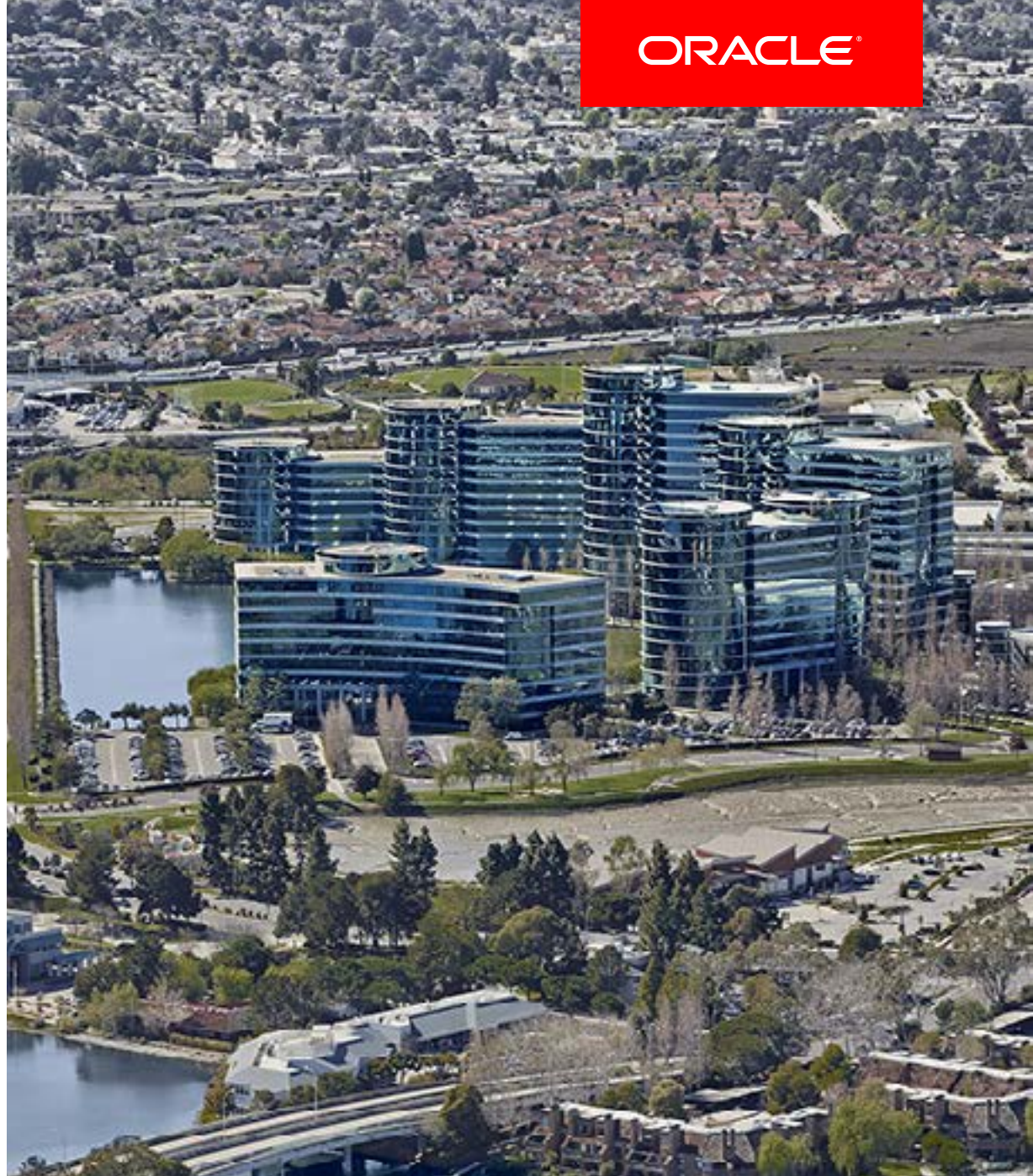
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v. Sept. 5, 2018

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