



ORACLE®

DATA HUB
CLOUD SERVICE

Manage Open Source Databases in Oracle Cloud

ORACLE®

Management Console

Do you manage a variety of open source databases **in the cloud?**

Are you managing multiple, heterogeneous data stores in the cloud? Do you have open source database applications that are on premises?

Managing complex environments can be daunting, and Oracle Data Hub Cloud Service can help overcome that challenge. Oracle Data Hub Cloud Service:

- simplifies the routine management of your heterogeneous data landscape.
- provides a single console to configure and manage your open source database stack in the cloud.
- delivers cost and performance advantage when you migrate your data store from on-premises to Oracle Cloud.

In the first release, Oracle Data Hub Cloud Service supports Apache Cassandra, a distributed data store that's eminently suitable for large workloads.



Management Console

Apache Cassandra

Time to Market

Oracle Cloud Approach

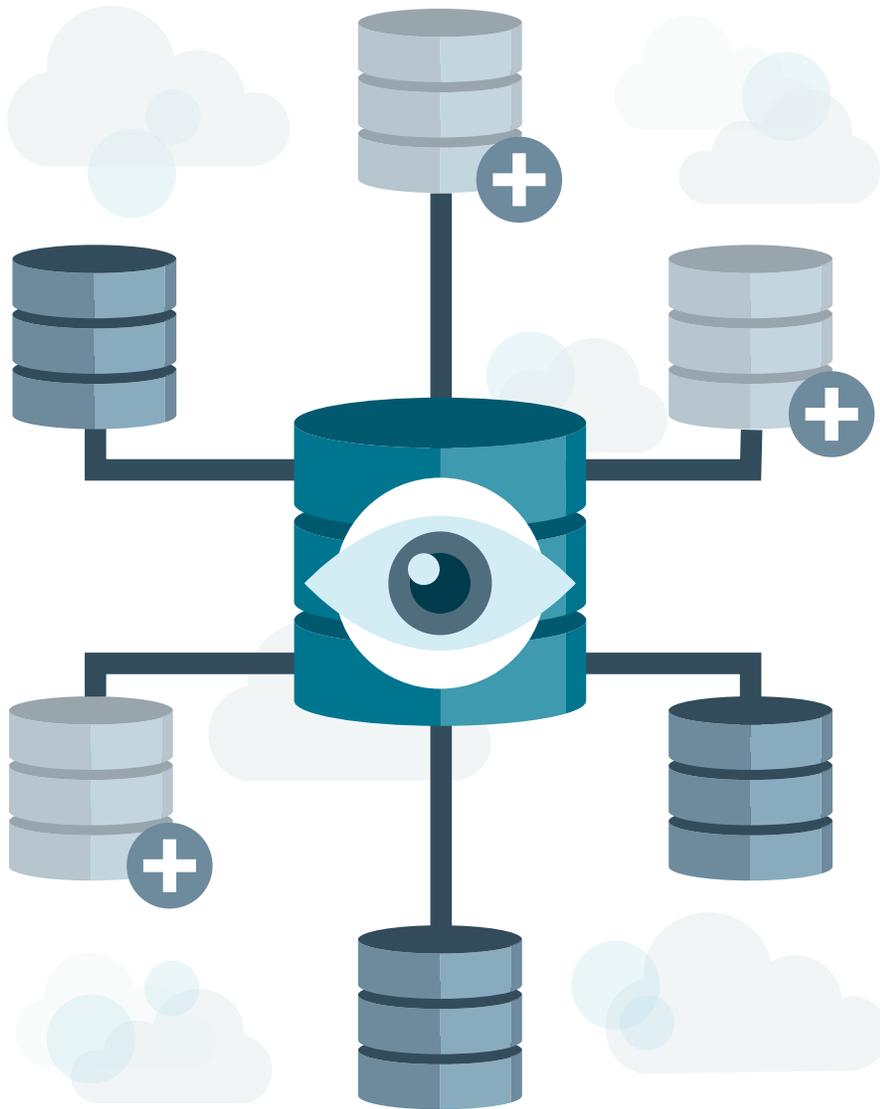
Security

Cluster Management

Integrated Solution

Get Started

Apache Cassandra



Oracle embraces open source in a big way.

Do you store data in an open source, distributed, high-speed NoSQL database in the cloud? Oracle Data Hub Cloud Service embraces the spirit of open source with Apache Cassandra.

Run your own Apache Cassandra database in the cloud with full control over your store configuration and without having to provision and install the hardware.

Utilize elastic storage and compute resources to expand your data store as your requirements grow.

Management Console

Apache Cassandra

Time to Market

Oracle Cloud Approach

Security

Cluster Management

Integrated Solution

Get Started

Time to Market

Take advantage of a resilient and scalable data store.

Store and manage big data for downstream analytics by using a resilient and scalable NoSQL data store in the cloud, eliminating single points of failure.

Spin Up and Scale Out Data Infrastructure

Spin up Apache Cassandra database clusters in minutes. You can elastically scale the cluster in and out, in response to your data needs.

Focus on Data Insights, Not on Availability Issues

No single point of failure. It's fault tolerant.

Leverage Cassandra Features for Rapid Application Development

- Use the latest Apache Cassandra 3.n versions.
- Get an edge in decision making with Oracle's unique innovations in the cloud by combining Oracle Data Hub Cloud Service with Apache Cassandra.

Management Console

Apache Cassandra

Time to Market

Oracle Cloud Approach

Security

Cluster Management

Integrated Solution

Get Started

Oracle Cloud Approach

What do you get with the Oracle Cloud approach?

Enterprise Class—Get a fast and reliable Apache Cassandra database cluster running on top of an enterprise-grade cloud infrastructure.

- Implement Oracle Data Hub Cloud Service as an application's data store.
- Integrate with a big data solution stack.
- Integrate with other Oracle Cloud services.

Quick—Provision a complete Oracle Data Hub Cloud Service environment in a few minutes, and get started immediately.

Cost-Effective—Save the time and expense involved in setting up the infrastructure for an on-premises environment.

Support—Full support. Easily update to newer versions.

Pricing—Transparent, easy-to-understand pricing.

Integration with Oracle Cloud—Connect with other Oracle Cloud services.



Management
Console

Apache
Cassandra

Time to
Market

Oracle Cloud
Approach

Security

Cluster
Management

Integrated
Solution

Get Started

Security



Benefit from rigorous security practices, based on decades of Oracle experience.

With Oracle Data Hub Cloud Service, your data is super safe with layers of security, starting with identity domains for user accounts.

SSH Access—Define access rules to Secure Shell (SSH) into VMs. Secure access to cluster nodes through SSH clients.

Cassandra Cluster Access—Manage and restrict client connections to Apache Cassandra database clusters.

User Security—Authentication through the oracle.com identity.

Secure Access to REST Endpoints—Access Oracle Data Hub Cloud Service REST endpoints over an HTTPS connection.

Role-based Access Control—Exploit Apache Cassandra's role-based, access control capabilities when you define users and roles.

Database Security—Leverage schema users for security (user access) and data security.

Management Console

Apache Cassandra

Time to Market

Oracle Cloud Approach

Security

Cluster Management

Integrated Solution

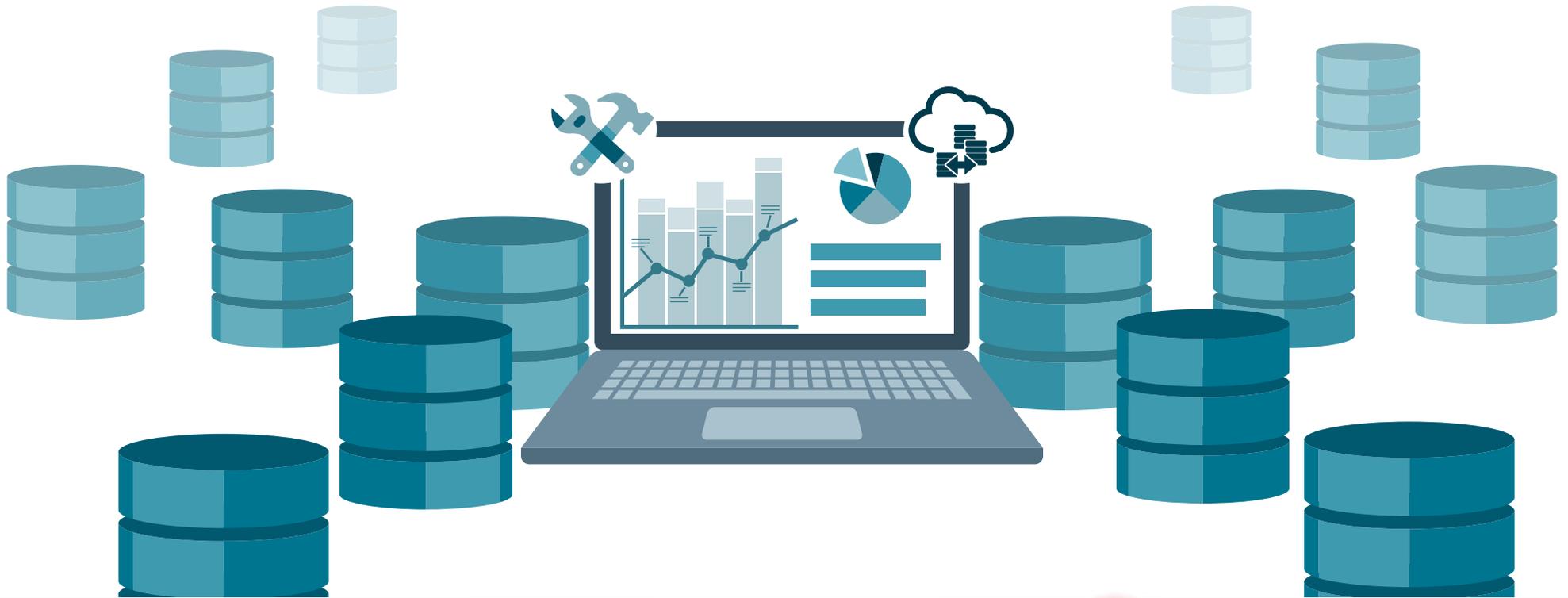
Get Started

Cluster Management

Easily manage and monitor your database cluster.

Oracle Data Hub Cloud Service has a user interface that's intuitive and easy-to-use for cluster management. You can monitor the Apache Cassandra cluster and the activities on the cluster. And, it supports a variety of lifecycle operations, such as creating a cluster, stopping and starting a cluster, and deleting a cluster.

Just log in and go. There's no need to maintain your own physical data center. Oracle Cloud is there for you.

Management
ConsoleApache
CassandraTime to
MarketOracle Cloud
Approach

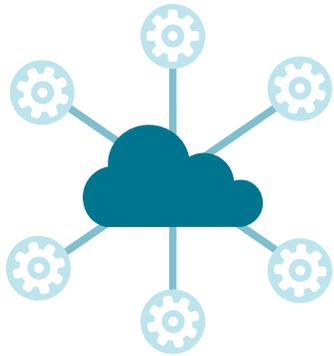
Security

Cluster
ManagementIntegrated
Solution

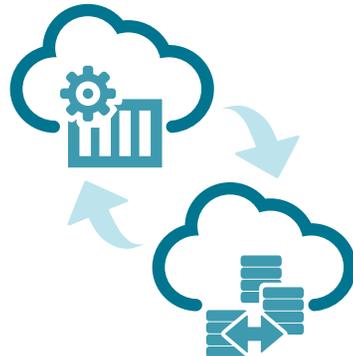
Get Started

Integrated Solution

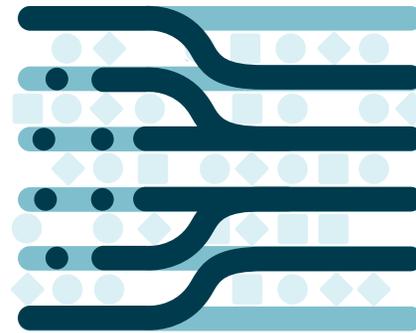
Get an enterprise-ready, integrated solution.



Deploy micro services on Oracle Application Container Cloud Service, and seamlessly connect and scale with Oracle Data Hub Cloud Service as the data store.



Develop cloud-native applications in Oracle Application Container Cloud Service. Oracle Data Hub Cloud Service integrates with Oracle Application Container Cloud Service to provide data storage and retrieval for your cloud-native applications.



Develop stream analytics solutions with Oracle Event Hub Cloud Service, and use Oracle Data Hub Cloud Service as a sink for event streams.



Build big data solutions on Oracle Big Data Cloud Service, and seamlessly use Oracle Data Hub Cloud to store your data.

Management Console

Apache Cassandra

Time to Market

Oracle Cloud Approach

Security

Cluster Management

Integrated Solution

Get Started

Get Started

Learn more, connect, and visit us online!

View data sheets, FAQs, pricing, and additional resources on the product site. Sign up for a free trial at Oracle Cloud, or purchase a subscription and get started by visiting the [Oracle Help Center](#).



Management
Console

Apache
Cassandra

Time to
Market

Oracle Cloud
Approach

Security

Cluster
Management

Integrated
Solution

Get Started

Safe Harbor

The preceding is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

ORACLE®

Integrated Cloud

Applications & Platform Services

Copyright © 2018. Oracle and/or its affiliates. All rights reserved.

This document is provided for information purposes only, and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document, and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.