

What's New for Oracle Data Integrator Cloud

As soon as new and changed features become available, Oracle Data Integrator Cloud Service (ODICS) instances are upgraded in the data centers where Oracle Cloud services are hosted. You don't need to request an upgrade to be able to use the new features—they come to you automatically. Here's an overview of new features and enhancements added recently to improve your ODICS experience.

This section summarizes the new features and significant product changes for ODICS 19.1.1 release, which includes Oracle Data Integrator 12.2.1.3.1 running on Java Cloud Service 19.1.1.

Topics:

- [New and Changed Features for Oracle Data Integrator Release 12c \(12.2.1.3.1\)](#)
- [New and Changed Features for Oracle Data Integrator Release 12c \(12.2.1.3.0\)](#)

New and Changed Features for Oracle Data Integrator Release 12c (12.2.1.3.1)

Oracle Data Integrator 12c (12.2.1.3.1) introduces new functionality in the following areas:

- [Oracle Object Storage and Oracle Object Storage Classic](#)
- [Autonomous Databases: Autonomous Data Warehouse and Autonomous Transaction Processing](#)
- [Oracle Enterprise Resource Planning \(ERP\) Cloud](#)

These key investment areas ensure that Oracle Data Integrator (ODI) will continue to accompany customers throughout their technological transformation and modernization process.

Oracle Object Storage and Oracle Object Storage Classic

Oracle Object Storage and Object Storage Classic offers fast, reliable and secure cloud storage and now Oracle Data Integrator can seamlessly integrate with them on Oracle Cloud Infrastructure (OCI).

ODI comes with a set of Knowledge Modules (KMs) and ODI Tools that can be used in Mappings and Packages to connect to Oracle Object Storage and Object Storage Classic for uploading, downloading and deleting files/objects onto/from local directory or the Hadoop Distributed File System (HDFS).

For more details, see Oracle Object Storage and Oracle Object Storage Cloud documentation.

Autonomous Databases: Autonomous Data Warehouse and Autonomous Transaction Processing

Oracle Data Integrator now comes with optimized Loading and Integration Knowledge Modules (KMs) that are certified with Oracle Autonomous databases:

- Oracle Autonomous Data Warehouse Cloud (ADWC)
- Oracle Autonomous Transaction Processing (ATP)

Oracle Data Integrator seamlessly integrates with ADWC and ATP. By integrating ODI with Autonomous databases, you can get the full performance of Oracle Data Integrator and Oracle databases, in a fully-managed environment that is tuned and optimized for various workloads. The same set of Knowledge Modules are used for both ADWC and ATP and also leverage the new native integration with Oracle Object Storage and Oracle Object Storage Classic.

In addition to being able to load data directly into ADWC or ATP, Oracle Data Integrator users can benefit from the native integration between Oracle Autonomous Data Warehouse and Oracle Object Storage to enable extremely fast data transfer into ADWC or ATP. ODI can then automate the complete loading process of Oracle Autonomous Data Warehouse Cloud (ADWC) and Oracle Autonomous Transaction Processing (ATP).

For more details, see Oracle Autonomous Data Warehouse Cloud and Oracle Autonomous Transaction Processing documentation.

Oracle Enterprise Resource Planning (ERP) Cloud

This release also adds a new Technology and Knowledge Modules for Oracle Enterprise Resource Planning (ERP) Cloud, a suite of cloud applications for finance, project management, procurement, risk management and other core day-to-day activities important in every business, regardless of size, industry or geography. Oracle Data Integrator (ODI) seamlessly integrates with Oracle Enterprise Resource Planning (ERP) Cloud and helps organizations integrate their ERP data into their data warehouses, data marts or data lakes. This native integration also allows ODI users to load data into Oracle ERP Cloud.

For more details, see Oracle Enterprise Resource Planning Cloud documentation.

New and Changed Features for Oracle Data Integrator Release 12c (12.2.1.3.0)

Oracle Data Integrator 12c (12.2.1.3.0) introduces the following enhancements:

- [Big Data](#)
- [Cloud](#)

Cloud and Big Data remain key investment areas and ensure that Oracle Data Integrator will continue to accompany customers throughout their technological transformation and modernization process.

Big Data

Big Data continues to evolve within Oracle Data Integrator with advances including:

- **Spark Knowledge Modules Improvements** — In this release, the focus has been on generating high performing and easily readable Spark code that will stand up to any handwritten scripts. In addition, the Spark Knowledge Modules (KMs) are now leveraging the latest Apache Spark 2.x features such as Dataframes. SparkSQL is also leveraged where applicable to speed up the ODI processes running on Spark.
- **Spark KMs Support in Knowledge Module Editor** — The Spark KMs are now fully supported in the Knowledge Module editor and can be tailored to your own specific requirements.
- **Hadoop Complex Types Enhancements** — ODI 12.2.1.2.6 introduced Complex Types support for Hive and HDFS (batch mode) technologies. ODI 12.2.1.3.0 further improves this functionality for Spark Streaming with Complex Types support in Apache Kafka as well as in HDFS.
- **Big Data Configuration Wizard** — The Big Data Configuration Wizard has been improved with newer templates for the latest Cloudera's Distribution including Apache Hadoop (CDH) releases.

Cloud

Cloud improvements include:

- **Certification with Salesforce.com** — Oracle Data Integrator is fully certified with Salesforce.com and now includes a JDBC driver for this technology out of the box.

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Oracle® Cloud What's New for Oracle Data Integrator Cloud
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