

# What's New for Oracle Data Integration Platform Cloud

The following sections describe what's new in Oracle Data Integration Platform Cloud.

As soon as new features become available, cloud tools for managing Oracle Data Integration Platform Cloud 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.

Except where noted, upgrades are available to use on your existing Oracle Data Integration Platform Cloud instances. However, new features that change how service instances are created do not affect your existing service instances.

## Topics:

- [January 2019](#)
- [August 2018](#)
- [June 2018](#)
- [May 2018](#)
- [February 2018](#)
- [December 2017](#)

## January 2019

Feature	Description
Updates to Agents	<p>Architectural changes to Remote Agents require you to recreate the agent if you want to perform new Synchronize Data jobs using Initial Load.</p> <p>See Set up a Remote Agent for ODI.</p> <p>Microsoft SQL Server is now available for Windows Remote Agents.</p> <p>See What's Certified for Agents?</p>
Support for new Connection types	<p>Data Integration Platform Cloud now supports the following data sources:</p> <ul style="list-style-type: none"> <li>• Autonomous Data Warehouse: can be used as a target Connection for Replicate Data, ODI Execution, and Add Data to Data Lake tasks.</li> <li>• Amazon S3: can be used as a source Connection for Add Data to Data Lake tasks.</li> <li>• Oracle BI Cloud: can be used as a Connection to review metadata in the Catalog.</li> <li>• Oracle Object Storage Cloud: can be used as a Connection for ODI Execution tasks.</li> </ul> <p>See What's Certified for Agents?</p>
Synchronize Data	<p>Data Integration Platform Cloud now supports remote execution of a Synchronize Data Task that includes Initial Load from behind a firewall. Before you perform a Synchronize Data Task with Initial Load from inside a firewall, you must download, install, and configure a Remote Agent with Oracle 12c (OGG) and Data Integrator (ODI) components.</p> <p>See Set up a Remote Agent for ODI.</p>
Replicate Data	<p>You can now deliver data to Autonomous Data Warehouse targets.</p> <p>See What's Certified for Replicate Data?</p>
Add Data to Data Lake	<p>You can now create a Data Lake using the Data Lake Configuration Element. After you create your Data Lake, you can select it when creating an Add Data to Data Lake task.</p> <p>Data Integration Platform Cloud now also supports remote execution of the Add Data to Data Lake task from Spark Execution on Big Data Cloud and YARN.</p> <p>See Before you Add Data to Data Lake.</p>
ODI Execution	<p>The ODI Execution task now supports Autonomous Data Warehouse Cloud and Oracle Object Storage Connection types.</p> <p>See What's Certified for ODI Execution?</p>
Data Preparation	<p>Data Integration Platform Cloud now supports for Oracle Object Storage Classic as a source or target Connection type.</p> <p>See What's Certified for Data Preparation?</p>

Feature	Description
Scheduling Policies	You can now create Policies to schedule job executions. See Create Policies.
Catalog	The Catalog now lists Data Assets and Execution Environments after you create them. You can create, view, and edit Data Assets and Execution Environments from the Catalog. See Work with the Catalog.

## August 2018

Feature	Description
Oracle-Managed Data Integration Platform Cloud	<p>You can now perform these tasks using Oracle-Managed Data Integration Platform Cloud</p> <ul style="list-style-type: none"> <li>• Synchronize Data (No Initial Load support)</li> <li>• ODI Execution</li> <li>• Replicate Data (Replicating data from on-premises Oracle databases to Oracle Cloud Database deployments are certified; however, delivering to Kafka Connect targets is not certified.)</li> </ul> <p><b>Note:</b> Adding Data to Data Lake and Data Preparation tasks are not certified for Oracle-Managed Data Integration Platform Cloud. For these tasks use user-managed instances.</p>
Heterogeneous Support for Agent	<p>Based on the operating system you select (Windows 64-bit or Linux 64-bit), you can download an agent that could connect to multiple source/target systems. And, you can select the connection binaries in the agent so that the size of the binaries are limited to what you use. See Downloading Agent Package.</p> <p>The components available for different platforms will be different. See Oracle Data Integration Platform Cloud Certifications.</p>
Replicate Data Task	You can use the Data Integration Platform Cloud console to capture new transactions in your Oracle data sources and deliver them to Oracle and Kafka targets. See Setting up a Replicate Data Task.
Data Lake Automation	You can add data from a variety of sources into Data Integration Platform Cloud's Data Lake. It allows you to store vast amounts of data, enabling deep analytics, big data processing, and machine learning. See Adding Data to Datalake.

Feature	Description
ODI Support for Remote Agent	The ODI plug-in for agents enables you to perform data integration tasks remotely in an on-premises environment. After you download and configure the agent with its ODI component, then you can run it on the remote environment. This agent gets registered in Data Integration Platform Cloud and appears in the Agents list. See <a href="#">Setting up ODI Remote Agents</a> .

## June 2018

Feature	Description
Oracle Stream Analytics upgrade	If you have an existing Oracle Stream Analytics 18.1.0.0.0 installation, use these steps to upgrade to Oracle Stream Analytics 18.1.0.0.1. See <a href="#">Upgrading Oracle Stream Analytics</a> .
Oracle Stream Analytics — User Management	Allows you to create, new users, change passwords for the users, and delete users. See <a href="#">Managing Users in Stream Analytics</a>

## May 2018

Feature	Description
Oracle-Managed Data Integration Platform Cloud	Data Integration Platform Cloud instances are now self-managed! Hosted on Oracle Cloud Infrastructure, all patching, upgrade, rollback, VM start/stop/restart, WebLogic Admin and Managed server start/stop/restart operations are done automatically for you. See <a href="#">Creating Autonomous Data Integration Platform Cloud Instances</a> .
QuickStart your Data Integration Platform Cloud instances	You can now create Data Integration Platform Cloud instances quickly and easily using the QuickStart option without having to perform prerequisites. There are now QuickStart templates for both Oracle-managed and user-managed instances. See <a href="#">Creating Autonomous Data Integration Platform Cloud Instances</a> and <a href="#">Creating User-Managed Instances with QuickStart</a> .

Feature	Description
New Elevated Integration Tasks	<p>This release introduces two new elevated integration tasks, Data Preparation and ODI Execution.</p> <ul style="list-style-type: none"> <li>• <b>Data Preparation:</b> Cleanse and organize your data from a File or database source using the interactive transformation tool and store your transformed data to a target database. Run and monitor your Data Preparation job like you would any other task in Data Integration Platform Cloud in the Jobs page. See Setting up a Data Preparation Task.</li> <li>• <b>ODI Execution:</b> Import deployment archives created from ODI Studio and execute Scenarios in Data Integration Platform Cloud to perform bulk data transformations. See Setting up an ODI Execution Task.</li> </ul>
Enhancements to the Synchronize Data Task	<p>Enhanced features added to the Synchronize Data Task include:</p> <ul style="list-style-type: none"> <li>• Synchronizing data between two different source and target database versions</li> <li>• Advanced options to include initial load and replication in a synchronize data task</li> <li>• Configuring data entities using the Data Entity Selector tool to include or exclude specific data entities in your synchronize data task</li> </ul> <p>See Setting up a Synchronize Data Task.</p>
Oracle Stream Analytics	<p>You can now use Oracle Stream Analytics Data Integration Platform Cloud's Enterprise and Governance Editions. Download and install Stream Analytics on your Data Integration Platform Cloud instance VM. Consume data streams through Data Integrator or GoldenGate to Kafka for Stream Analytics to process and analyze enabling you to gain actionable insights from your data. See Analyzing Data Streams.</p>
Replicate data to Oracle Autonomous Data Warehouse	<p>You can now set up Oracle Autonomous Data Warehouse Cloud as a target database to replicate data to. Autonomous Data Warehouse Cloud is a fully-managed data warehouse designed to support all standard SQL and business intelligence tools and deliver scalable analytic query performance. See Replicating Data to Oracle Autonomous Data Warehouse Cloud.</p>
Monitor jobs with the Monitor Dashboard	<p>View information about all Jobs ever started in Data Integration Platform Cloud and whether they're running, stopped, finished successfully, or failed. Review metrics such as instance health, job health, lag and data reports, and other job details. See Monitor.</p>

Feature	Description
Check your Data Usage	View the total data processed and amount of data processed per hour. You access Data Usage reports from the user menu. This page is especially useful for getting information about your volume of processed data, to decide what to choose for the <b>Data processing per hour</b> field when you create an Oracle-managed instance. See Data Usage.
Stop a Job	You can now stop a running job from the Jobs, Job Details, and Monitor pages. Monitoring and Stopping Jobs.
Connection Metadata	In the Catalog, Connections now include a Metadata tab, where you can explore Data Entities harvested from these Connections. See Connections.
Data Entity Editor	You now have the ability to edit Data Entities in the Catalog using the Data Entity Editor. See Data Entity Editor.
View your component's Job History	Also in the Catalog, when you view the details of a Data Integration Platform Cloud component (Task, Data Entity, or Connection), you can view its edit history in the component's History tab. See Catalog.
Support for Flat File type connections	Data Integration Platform Cloud now supports Flat File type connections as data sources for Data Preparation Tasks. See Creating a Connection.
SID field reintroduced for Connections	In the Connection dialog, you can now specify either a Service Name or SID for Service. See Creating a Connection.
Use the Instances page to manage tags for categorizing service instances	<p>You can now use the Data Integration Platform Cloud Instances page to create and manage tags for categorizing Data Integration Platform Cloud instances, for example, by purpose, owner, or environment. You can easily identify and search for service instances based on the tags you have assigned to the service instances.</p> <p>You can:</p> <ul style="list-style-type: none"> <li>• Create tags</li> <li>• Assign and unassign tags after an instance is created</li> <li>• Search for instances using tags</li> </ul> <p>Previously, this feature was available only in the REST API.</p>

## February 2018

Feature	Description
Automatic creation of GoldenGate UserIdAlias	You no longer have to manually configure the GoldenGate UserIdAlias. It is automatically configured for you.
Support for GoldenGate 12.3	Data Integration Platform Cloud now supports GoldenGate 12.3 Classic Architecture. See Oracle GoldenGate Certifications.
Support for Oracle Database 12.2	Data Integration Platform Cloud now supports Oracle Database 12.2. See Source and Target Database/ Application Certifications.
Tags for categorizing Instances	Create tags for categorizing Oracle Data Integration Platform Cloud instances, for example, by purpose, owner, or environment. Then, identify and search for instances based on the tags that you've assigned to the instances. See Creating an Oracle Data Integration Platform Cloud Service Instance.
SID field removed from Create Connection dialog	The Oracle System ID (SID) field has been removed from the Create Connection dialog. You'll now use the Service Name field instead. See Creating a Connection.
CDB menu added to Create Connection dialog	With added support for Oracle Pluggable Databases, a CDB menu is added to the Create Connection dialog to support replication when a PDB is used as a source. Creating a Connection.
Changes to the user interface	Some elements in the Oracle Data Integration Platform Cloud user interface have a new look and feel. For example, there are changes to page layout, tabs, icons, and menus. Overall, the word Service is replaced with Instance. For example, Service Overview page is called Instance Overview and Create Service is called Create Instance and the Services page is now called the Instances page.
Fully automated patching	You don't need to stop and restart your Data Integration Platform Cloud instances when you patch them.  If you have instances of 17.4.5, patching is available to upgrade to 18.1.3. After you apply a patch through the Administration tile of your instance, a <b>Roll Back</b> button appears in case you want to roll back to 17.4.5 again. Every new patch is accumulative, so whenever a new patch is available, you don't need to apply any of the older patches.
Instance rollback	You can roll back your instances to a previous version if you upgrade an instance and then change your mind. When you patch an instance, a backup copy of the metadata schema is saved. When you roll back, the rollback replaces all the current schemas with the ones from the previous version.

## December 2017

Feature	Description
New user experience	Data Integration Platform Cloud's new user experience includes a new landing page where you'll find shortcuts to guide you towards common activities such as creating new Connections and Tasks, browsing the Catalog, or creating Policies. See Data Integration Platform Home Page.
Catalog	The Data Integration Platform Cloud Catalog provides you with access to a unified metadata repository. You'll be able to browse Connections, Data Entities, and Tasks. Advanced search capabilities with inline results and property search is also available for you to use. See Catalog.
Task	Synchronizing data between a source and target schema has never been easier. With Data Integration Platform Cloud, you can easily set up a Synchronized Data Task. Initial load is powered by Oracle Data Integrator, while data capture and delivery is powered by Oracle GoldenGate; proven Oracle technologies offering the best-in-class service in the Cloud. See Setting up a Synchronize Data Task.
Monitoring	Filter and search job instances or drill-down into detailed runtime information with Data Integration Platform Cloud's powerful monitoring capabilities. You can also set up Policies and receive notifications related to job activities. See Running and Monitoring a Job.
Support for remote agents	Install remote agents anywhere and help Data Integration Platform Cloud move data from on-premises systems to the Cloud, and vice versa. Remote agents can also help you create custom replication policies to move data between two on-premises systems without routing any data to cloud. See Agents.

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