Oracle® Cloud

What's New in Oracle Cloud Infrastructure Object Storage Classic

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What’s New in Oracle Cloud Infrastructure Object Storage Classic

This document describes what's new in Oracle Cloud Infrastructure Object Storage Classic on all the infrastructure platforms where it's available:

Topics:

For each infrastructure platform, information is organized by the date a specific feature or capability became available. Additionally, the document provides historic **what’s new** information for the past 12 months.

On Oracle Cloud

Learn about the new and changed features of Oracle Cloud Infrastructure Object Storage Classic.

September 2019

Feature	Description
Accessing Storage Classic service from the Oracle Cloud web console.	All Infrastructure (IaaS) services are available directly from the Infrastructure Console. If you see Infrastructure Classic at the top of the page when you sign in to Oracle Cloud, then you are using the Infrastructure Classic Console to access your services and your subscription does not support access to the Infrastructure Console. My Services application is now rebranded as Infrastructure Classic Console.

August 2018

Feature	Description
Audit logs	You can use audit logs to record all the activities performed in an account for compliance reasons. See Enabling Audit Logging in *Using Oracle Cloud Infrastructure Object Storage Classic*.
Server-side encryption	You can configure containers in your service instance to store all the data uploaded to them in an encrypted form. This feature is available in a few Oracle data regions. See Enabling Server-Side Encryption in *Using Oracle Cloud Infrastructure Object Storage Classic*.

June 2018

Feature	Description
File Transfer Manager API 2.4.4	The 2.4.4 release includes the following updates: • Upgraded the dependent log4j version (1.2.17-16). • An API for URL stream handler configuration is added. See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager*.
File Transfer Manager CLI 2.4.3	File Transfer Manager CLI 2.4.3 release includes the following updates: • Upgraded the dependent log4j version (1.2.17-16). See Preparing to use the FTM CLI in *Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic*.

May 2018

Feature	Description
Bug fixes and enhancements in the Oracle Cloud Infrastructure Object Storage Classic Java SDK releases 13.1.12 and 13.2.10	The 13.1.12 and 13.2.10 releases include the following updates: • The dependency Jettison jar version is updated to 1.3.7. • The intermittent error `Java SystemException` with the message `Not Found` which was earlier noticed when storing a client-side encrypted object, is now fixed. See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic*.

March 2018

Feature	Description
File Transfer Manager API 2.4	File Transfer Manager API supports the following new feature: • New APIs to create multiple objects on Oracle Cloud Infrastructure Object Storage Classic using a bulk upload operation. The individual files in an archive file are extracted and uploaded to Oracle Cloud Infrastructure Object Storage Classic resulting in the upload of multiple objects in a single operation. See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager*.
File Transfer Manager CLI 2.4	File Transfer Manager CLI supports the following new feature: • Create multiple objects on Oracle Cloud Infrastructure Object Storage Classic using a bulk upload operation. The individual files in an archive file are extracted and uploaded to Oracle Cloud Infrastructure Object Storage Classic resulting in the upload of multiple objects in a single operation. See Bulk Operations in *Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic*.
Account Level Replication Policy	• If your account was created after March 2018, then once your Oracle Cloud Infrastructure Object Storage Classic subscription is activated, the replication policy for your account is set to `any`, by default. With the `any` policy set by default at the account level, you can create a container and set any authorized replication policy to the container. • If your account was created after March 2018, then see About Replication Policy for Accounts Created Before March 2018 in *Using Oracle Cloud Infrastructure Object Storage Classic*.

February 2018

Feature	Description
Container-specific Replication Policy	You can now specify a different replication policy for each container than the policy that's defined for your service instance, within the same data region as the service instance or in an external data region. See Setting Container-Specific Replication Policy in *Using Oracle Cloud Infrastructure Object Storage Classic*.
Write-Once-Read-Many (WORM) policy	You can make the objects in your container immutable by setting the Write-Once-Read-Many (WORM) policy for your container to prevent the users from modifying and deleting the objects in the container for a specified duration. The container-level WORM policy applies to all the objects that're uploaded to the container, unless an object has it's own object-level WORM policy set during upload. See Making Objects in a Container Immutable and Making an Object Immutable in *Using Oracle Cloud Infrastructure Object Storage Classic*.
File Transfer Manager API 2.4	Release 2.4 of the File Transfer Manager API supports the following new features: • New APIs for the Container-specific Replication Policy within the same data region as the service instance or in an external data region • Support to copy an object from one container to another See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager*.
File Transfer Manager CLI 2.4	Release 2.4 of the File Transfer Manager CLI supports the following new features: • Set Container-specific Replication Policy within the same data region as the service instance or in an external data region. • Create a container. • Copy an object from one container to another. In addition, the release provides the following enhancements: • Simplified authentication process: Obtain authentication using your storage service REST Endpoint and the user name • Authentication parameters such as authentication URL, service name, and identity domain are deprecated See *Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic*.

January 2018

Feature	Description
Oracle Cloud Infrastructure Storage Software Appliance 1.4	**Appliance Health Check**: The appliance health check service is an automated process run on Oracle Cloud Infrastructure Storage Software Appliance. You can monitor the overall system status through the health check and get insights on the appliance performance like local storage usage. For the on-prem version of the appliance, see *Using Oracle Cloud Infrastructure Storage Software Appliance*. For the cloud distribution version of the appliance, see *Using Oracle Cloud Infrastructure Storage Software Appliance - Cloud Distribution*.

September 2017

As part of the re-branding effort, the storage service name, the associated interfaces, and the corresponding books are now re-named:

Earlier	Now
Oracle Storage Cloud Service (Service name)	**Oracle Cloud Infrastructure Object Storage Classic**
Oracle Storage Cloud Software Appliance (Interface name)	**Oracle Cloud Infrastructure Storage Software Appliance**
Oracle Storage Cloud Software Appliance-Cloud Distribution (Interface Name)	**Oracle Cloud Infrastructure Storage Software Appliance-Cloud Distribution**
Oracle Storage Cloud File Transfer Manager API (Interface name)	**Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager API**
Oracle Storage Cloud File Transfer Manager command-line interface (Interface)	**Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager command-line interface**
Oracle Storage Cloud Service Java SDK (Interface)	**Oracle Cloud Infrastructure Object Storage Classic Java SDK**
Using Oracle Storage Cloud Service (Book)	**Using Oracle Cloud Infrastructure Object Storage Classic**
Command-Line Reference for Oracle Storage Cloud Service (Book)	**Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic**
Java API Reference for Oracle Storage Cloud Service File Transfer Manager (Book)	**Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager**
Java API Reference for Oracle Storage Cloud Service (Book)	**Java API Reference for Oracle Cloud Infrastructure Object Storage Classic**
REST API for Identity in Oracle Storage Cloud Service (Book)	**REST API for Identity in Oracle Cloud Infrastructure Object Storage Classic**
REST API for Standard Storage in Oracle Storage Cloud Service (Book)	**REST API for Standard Storage in Oracle Cloud Infrastructure Object Storage Classic**
REST API for Archive Storage in Oracle Storage Cloud Service (Book)	**REST API for Archive Storage in Oracle Cloud Infrastructure Object Storage Classic**

Earlier	Now
Using Oracle Storage Cloud Software Appliance (Book)	**Using Oracle Cloud Infrastructure Storage Software Appliance**
Oracle Storage Cloud Software Appliance-Cloud Distribution (Book)	**Using Oracle Cloud Infrastructure Storage Software Appliance-Cloud Distribution**
Licensing Information User Manual for Oracle Storage Cloud Service (Book)	**Licensing Information User Manual for Oracle Cloud Infrastructure Object Storage Classic**
Known Issues for Oracle Storage Cloud Service (Book)	**Known Issues for Oracle Cloud Infrastructure Object Storage Classic**

Feature updates for September 2017:

Feature	Description
Oracle Cloud Infrastructure Storage Software Appliance 1.3	Using Oracle Cloud Infrastructure Storage Software Appliance, your applications can now also interact with Oracle Cloud Infrastructure Object Storage through standard protocols. You can connect to multiple buckets using the appliance instance, and copy the files to the appliance filesystems. The appliance stores the files as objects in the Oracle Cloud Infrastructure Object Storage tenancy and performs multipart uploads for large objects. In addition, the appliance provides the following enhancements: • Granular encryption to enable data security and storage efficiency • End-to-end data integrity with checksum verification • Efficient handing of large files • Support for file versions compaction and end-to-end delete See *Using Oracle Cloud Infrastructure Storage Software Appliance*.

Feature	Description
File Transfer Manager API 2.3	Release 2.3 of the File Transfer Manager API supports the following new features: • New APIs for the upload and download of file using client-side encryption • New API for the rotation of master key used for client-side encryption of objects • New APIs for the upload and download of objects using Java streaming interface, include support for client-side encryption In addition, the API provides the following enhancements: • The race conditions leading to dead locks while uploading many large files simultaneously, have been fixed • The API now deletes the old segments of a static large object when overwriting the object in a container of the `archive` storage class See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager*.
File Transfer Manager CLI 2.3	Release 2.3 of the File Transfer Manager CLI supports the following new features: • Client-side encryption of files uploaded to the cloud service • Rotation of master key used for client-side encryption See *Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic*.

On Oracle Cloud at Customer

This section describes what's new in Oracle Cloud Infrastructure Object Storage Classic on Oracle Cloud at Customer in your data center.

Oracle Cloud at Customer delivers Oracle Cloud services in your data center so that you can take advantage of Oracle Cloud while meeting data-residency requirements. Oracle upgrades your Oracle Cloud at Customer environment at regular intervals.

The current release of Oracle Cloud at Customer is 18.1.4, which includes Oracle Cloud Infrastructure Object Storage Classic features up to release 18.1.4 (February 2018).

Oracle Cloud Infrastructure Object Storage Classic and Oracle Cloud at Customer share same features. If a feature is not available on Oracle Cloud at Customer, the topic describing the feature is marked as:

 This topic does not apply to Oracle Cloud at Customer.

For individual features that are not supported in Oracle Cloud at Customer, the features are indicated as shown below, in the text:

(Not available on Oracle Cloud at Customer)

- September 2019
- August 2018

September 2019

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Accessing Storage Classic service from the Oracle Cloud web console	My Services application is now rebranded as Infrastructure Classic Console. If you see **Oracle Cloud Infrastructure Classic** at the top of the page when you sign in to Oracle Cloud, then you are using the Infrastructure Classic Console to access your services.

August 2018

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Server-side encryption	You can configure containers in your service instance to store all the data uploaded to them in an encrypted form. This feature is available in a few Oracle data regions. See Enabling Server-Side Encryption in *Using Oracle Cloud Infrastructure Object Storage Classic*.
Write-Once-Read-Many (WORM) policy	You can make the objects in your container immutable by setting the Write-Once-Read-Many (WORM) policy for your container to prevent the users from modifying and deleting the objects in the container for a specified duration. The container-level WORM policy applies to all the objects that're uploaded to the container, unless an object has it's own object-level WORM policy set during upload. See Making Objects in a Container Immutable and Making an Object Immutable in *Using Oracle Cloud Infrastructure Object Storage Classic*.
File Transfer Manager API 2.4	Release 2.4 of the File Transfer Manager API can now copy an object from one container to another See *Java API Reference for Oracle Cloud Infrastructure Object Storage Classic File Transfer Manager*.

Feature	Description
File Transfer Manager CLI 2.4	Release 2.4 of the File Transfer Manager CLI supports the following new features: • Create a container. • Copy an object from one container to another. In addition, the release provides the following enhancements: • Simplified authentication process: Obtain authentication using your storage service REST Endpoint and the user name • Authentication parameters such as authentication URL, service name, and identity domain are deprecated See *Command-Line Reference for Oracle Cloud Infrastructure Object Storage Classic*.

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