



Informatica® Fast Clone
10.0

Release Notes

Informatica Fast Clone Release Notes
10.0
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Introduction

This document contains important information about new features and fixes in Informatica Fast Clone 10.0.

CHAPTER 1

Installation and Upgrades

If Informatica Fast Clone is not currently installed, complete a first-time installation as described in the *Informatica Fast Clone 10.0 User Guide*.

If a previous version of Fast Clone is installed, complete the upgrade procedure that is described in these release notes.

To get the latest information about supported operating systems and target types, navigate to the Fast Clone 10.0 Product Availability Matrix (PAM) from <http://mysupport.informatica.com>.

Upgrading Fast Clone

To upgrade to Informatica Fast Clone 10.0, Informatica recommends that you extract or decompress the Fast Clone 10.0 installation file into the existing Fast Clone installation directory.

If you run Fast Clone on multiple systems, upgrade Fast Clone on all of the systems. Do not run Fast Clone 10.0 on one system and run an earlier Fast Clone release on another system in the same topology.

Important: If you configured Hadoop or Hive targets in a previous version of Fast Clone, you must create new configurations for these targets after upgrading to Fast Clone 10.0.

1. Transfer the platform-specific Fast Clone 10.0 installation file that you received from Informatica to a directory other than the existing Fast Clone installation directory on your system.
Tip: Retain the installation file to upgrade other Fast Clone instances or redo an upgrade.
2. Wait for all of the Fast Clone unload jobs that are running to complete.
3. Stop all Fast Clone Server instances that are running under the earlier Informatica Fast Clone version.
 - On Windows, run the `stop_server.cmd` script, or run the following commands from the command line:

```
cd Fast_Clone_installation_directory
FastReader.exe RUN_AS_SERVICE=true SERVER_CONFIG=server.ini -k
```
 - On Linux or UNIX, run the following command from the command line:

```
kill -9 fast_clone_server_process_id
```
4. Back up the existing Fast Clone installation, including the cloning configuration files.
5. Extract or decompress the installation file into the existing Fast Clone installation directory:
 - On Linux, decompress the `FastClone_10_0.linux.x86_64.tar.gz` file.
 - On Windows, extract the `FastClone_10_0.win.64t.zip` file.Confirm that the files for the previous Fast Clone version were overwritten.
6. Copy the new license key, `FastClone.key`, to the Fast Clone installation directory.

7. Verify that the FAST_READER_HOME environment variable still points to the Fast Clone installation.
8. Verify that the Java Runtime Environment (JRE) 1.5 or later is installed. Alternatively, if you use Hadoop or Hive targets, verify that JRE 1.7 x64 or later is installed. To determine the installed version, issue the following command from the command line:

```
java -version
```

9. If you use the 32-bit Oracle Client in either of the following situations, you must install the 64-bit Oracle Client:
 - Fast Clone and the 32-bit Oracle Client are installed on a computer that is remote from the Oracle source database.
 - Fast Clone is installed on the same computer as the Oracle source database, and the Oracle version is 32-bit.

10. If you are installing Fast Clone on an AIX operating system, set the following environment variables:

```
AIXTHREAD_SCOPE=S  
AIXTHREAD_STK=8000000
```

Note: If you are using the Informatica Fast Clone Console start script (unload.sh), this step is optional. If you are not using this script, you must set these environment variables. For more information, see the *Informatica Fast Clone User Guide*.

11. Restart all Fast Clone Server instances.
 - To start the Fast Clone Server as a service on Windows, run the start_server.cmd script or issue the following commands from the command line:

```
cd Fast_Clone_installation_directory  
FastReader.exe RUN_AS_SERVICE=true SERVER_CONFIG=server.ini -s
```

- To start the Fast Clone Server as a daemon on Linux or UNIX, run the server.sh script.

CHAPTER 2

Closed Enhancement Requests

The following table describes closed enhancement requests:

CR	Description
434472	You can now use the DataStreamer add-on component for high-performance data loads to Vertica targets. DataStreamer streams unloaded Oracle data to Vertica targets by using the client-side LCOPY command or the server-side COPY command.
434471	For Oracle 11g and 12c sources, Fast Clone now uses the direct path unload method by default to unload data from SecureFile LOB columns. If you want to use the conventional path unload method, you must set the new read_securefile_by_direct runtime parameter to false or clear the Read SECUREFILE by direct option in the Fast Clone Console.
434469	Fast Clone can now unload data from Oracle index-organized tables (IOTs) with the direct path unload method.
434251	Fast Clone can now load Oracle source data to Amazon Redshift targets.
419833, 401876	Fast Clone now supports the extended NVARCHAR2, RAW, and VARCHAR2 datatypes for Oracle 12c sources with the direct path unload method by default. If you want to use the conventional path unload method with these datatypes, set the value of the read_securefile_by_direct runtime parameter to false, or clear the Read SECUREFILE by direct option in the Fast Clone Console.

CHAPTER 3

New Features

For descriptions of new features in Fast Clone 10.0, see the *Informatica Fast Clone Release Guide*.

CHAPTER 4

Fixes

The following table describes fixed limitations:

CR	Description
401876	Fast Clone does not support the extended RAW, NVARCHAR2, and VARCHAR2 datatypes for Oracle 12c sources.

Review the Release Notes of previous releases for information about previous fixed limitations.

CHAPTER 5

Known Limitations

The following table describes known limitations:

CR	Description
372515	If a Cloudera CDH 4 target uses the Apache Hadoop 2.0 driver, the Fast Clone executable ends abnormally when loading data to this target in multiple threads.
352707	<p>If the names of a selected Oracle source table or its columns contain special characters, Fast Clone fails to unload data and returns the Oracle error message <code>ORA-00911: invalid character</code>.</p> <p>Workaround: After connecting to your source database in the Fast Clone Console, do not select tables on the Source Table tab. Instead, use a custom SQL statement to unload data from Oracle table or column names that contain special characters.</p> <ol style="list-style-type: none">1. From the Fast Clone Console main menu, select Data > Add Conventional SQL.2. In the Edit SQL Queries window, click Add.3. Enter a name for the query, and then enter the following SQL statement: <pre>[SOURCE_INDIRECT_STATEMENTS] QUERY1=select id,name,"\$x-date" from v\$tst2</pre>

CHAPTER 6

Informatica Documentation

The Documentation team updates documentation as needed. To get the latest documentation for your product, navigate to Product Documentation from <http://mysupport.informatica.com>.

CHAPTER 7

Informatica Global Customer Support

You can contact a Customer Support Center by telephone or through the Online Support.

Online Support requires a user name and password. You can request a user name and password at <http://mysupport.informatica.com>.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at <http://www.informatica.com/us/services-and-training/support-services/global-support-centers/>.