



Informatica® Informatica  
10.1.1 HotFix 1

# New Features Guide

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# Preface

The *Informatica New Features and Enhancements Guide* is written for all Informatica software users. This guide lists the new features and enhancements in Informatica products.

## Informatica Resources

### Informatica Network

Informatica Network hosts Informatica Global Customer Support, the Informatica Knowledge Base, and other product resources. To access Informatica Network, visit <https://network.informatica.com>.

As a member, you can:

- Access all of your Informatica resources in one place.
- Search the Knowledge Base for product resources, including documentation, FAQs, and best practices.
- View product availability information.
- Review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

### Informatica Knowledge Base

Use the Informatica Knowledge Base to search Informatica Network for product resources such as documentation, how-to articles, best practices, and PAMs.

To access the Knowledge Base, visit <https://kb.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at [KB\\_Feedback@informatica.com](mailto:KB_Feedback@informatica.com).

### Informatica Documentation

To get the latest documentation for your product, browse the Informatica Knowledge Base at [https://kb.informatica.com/\\_layouts/ProductDocumentation/Page/ProductDocumentSearch.aspx](https://kb.informatica.com/_layouts/ProductDocumentation/Page/ProductDocumentSearch.aspx).

If you have questions, comments, or ideas about this documentation, contact the Informatica Documentation team through email at [infa\\_documentation@informatica.com](mailto:infa_documentation@informatica.com).

## Informatica Product Availability Matrixes

Product Availability Matrixes (PAMs) indicate the versions of operating systems, databases, and other types of data sources and targets that a product release supports. If you are an Informatica Network member, you can access PAMs at

<https://network.informatica.com/community/informatica-network/product-availability-matrices>.

## Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services. Developed from the real-world experience of hundreds of data management projects, Informatica Velocity represents the collective knowledge of our consultants who have worked with organizations from around the world to plan, develop, deploy, and maintain successful data management solutions.

If you are an Informatica Network member, you can access Informatica Velocity resources at <http://velocity.informatica.com>.

If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at [ips@informatica.com](mailto:ips@informatica.com).

## Informatica Marketplace

The Informatica Marketplace is a forum where you can find solutions that augment, extend, or enhance your Informatica implementations. By leveraging any of the hundreds of solutions from Informatica developers and partners, you can improve your productivity and speed up time to implementation on your projects. You can access Informatica Marketplace at <https://marketplace.informatica.com>.

## Informatica Global Customer Support

You can contact a Global Support Center by telephone or through Online Support on Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<http://www.informatica.com/us/services-and-training/support-services/global-support-centers>.

If you are an Informatica Network member, you can use Online Support at <http://network.informatica.com>.

# CHAPTER 1

## New Features, Changes, and Release Tasks (10.1.1 HotFix 1)

This chapter includes the following topics:

- [New Products \(10.1.1 HotFix 1\), 7](#)
- [New Features \(10.1.1 HotFix 1\), 7](#)
- [Changes \(10.1.1 HotFix 1\), 10](#)

### New Products (10.1.1 HotFix 1)

This section describes new products in version 10.1.1 HotFix 1.

#### PowerExchange for Cloud Applications

Effective in version 10.1.1 HotFix 1, you can use PowerExchange for Cloud Applications to connect to Informatica Cloud from PowerCenter. You can read data from or write data to data sources for which connections are available in Informatica Cloud. It is not required to have the PowerExchange for the respective cloud application in PowerCenter.

For more information, see the *Informatica PowerExchange for Cloud Applications 10.1.1 HotFix 1 User Guide*.

### New Features (10.1.1 HotFix 1)

This section describes new features in version 10.1.1 HotFix 1.

#### Command Line Programs

This section describes new commands in version 10.1.1 HotFix 1.

## infacmd dis Commands (10.1.1 HF1)

The following table describes new infacmd dis commands:

Command	Description
disableMappingValidationEnvironment	Disables the mapping validation environment for mappings that are deployed to the Data Integration Service.
enableMappingValidationEnvironment	Enables a mapping validation environment for mappings that are deployed to the Data Integration Service.
setMappingExecutionEnvironment	Specifies the mapping execution environment for mappings that are deployed to the Data Integration Service.

For more information, see the "Infacmd dis Command Reference" chapter in the *Informatica 10.1.1 HotFix1 Command Reference*.

## infacmd mrs Commands (10.1.1 HF1)

The following table describes new infacmd mrs commands:

Command	Description
disableMappingValidationEnvironment	Disables the mapping validation environment for mappings that you run from the Developer tool.
enableMappingValidationEnvironment	Enables a mapping validation environment for mappings that you run from the Developer tool.
setMappingExecutionEnvironment	Specifies the mapping execution environment for mappings that you run from the Developer tool.

For more information, see the "Infacmd mrs Command Reference" chapter in the *Informatica 10.1.1 HotFix1 Command Reference*.

## infacmd ps Command

The following table describes a new infacmd ps command:

Command	Description
restoreProfilesAndScorecards	Restores profiles and scorecards from a previous version to version 10.1.1 HotFix 1.

For more information, see the "infacmd ps Command Reference" chapter in the *Informatica 10.1.1 HotFix 1 Command Reference*.

# Informatica Analyst

This section describes new Analyst tool features in version 10.1.1 HotFix 1.



## Profiles and Scorecards

This section describes new Analyst tool features for profiles and scorecards.

### Invalid Rows Worksheet

Effective in version 10.1.1 HotFix1, scorecard export results include invalid source rows after you choose the **Data > All** option in the **Export data to a file** dialog box.

For more information about scorecards, see the "Scorecards in Informatica Analyst" chapter in the *Informatica 10.1.1 HotFix1 Data Discovery Guide*.

## PowerCenter

This section describes new PowerCenter features in version 10.1.1 HotFix 1.

### Pushdown Optimization for Greenplum

Effective in version 10.1.1 HotFix 1, when the connection type is ODBC, the PowerCenter Integration Service can push TRUNC(DATE), CONCAT(), and TO\_CHAR(DATE) functions to Greenplum using source-side and full pushdown optimization.

For more information, see the *Informatica PowerCenter 10.1.1 HotFix 1 Advanced Workflow Guide*.

## PowerExchange Adapters

This section describes new PowerExchange adapter features in version 10.1.1 HotFix 1.

### PowerExchange Adapters for PowerCenter®

This section describes new PowerCenter adapter features in version 10.1.1 HotFix 1.

### PowerExchange for Amazon Redshift

This section describes new PowerExchange for Amazon Redshift features in version 10.1.1 HotFix 1:

- You can read data from or write data to the following regions:
  - Asia Pacific (Mumbai)
  - Canada (Central)
  - US East (Ohio)
- PowerExchange for Amazon Redshift supports the asterisk pushdown operator (\*) that can be pushed to the Amazon Redshift database by using source-side, target-side, or full pushdown optimization.
- For client-side and server-side encryption, you can configure the customer master key ID generated by AWS Key Management Service (AWS KMS) in the connection.

For more information, see the *Informatica 10.1.1 HotFix 1 PowerExchange for Amazon Redshift User Guide for PowerCenter*.

### PowerExchange for Amazon S3

This section describes new PowerExchange for Amazon S3 features in version 10.1.1 HotFix 1:

- You can read data from or write data to the following regions:
  - Asia Pacific (Mumbai)
  - Canada (Central)

- US East (Ohio)

- For client-side and server-side encryption, you can configure the customer master key ID generated by AWS Key Management Service (AWS KMS) in the connection.
- When you write data to the Amazon S3 buckets, you can compress the data in GZIP format.
- You can override the Amazon S3 folder path when you run a mapping.

For more information, see the *Informatica PowerExchange for Amazon S3 10.1.1 HotFix 1 User Guide for PowerCenter*.

### PowerExchange for Microsoft Azure Blob Storage

Effective in version 10.1.1 HotFix 1, you can use append blob type target session property to write data to Microsoft Azure Blob Storage.

For more information, see the *Informatica PowerExchange for Microsoft Azure Blob Storage 10.1.1 HotFix 1 User Guide*.

### PowerExchange for Microsoft Azure SQL Data Warehouse

Effective in version 10.1.1 HotFix 1, you can use the following target session properties with PowerExchange for Microsoft Azure SQL Data Warehouse:

- Update as Update. The PowerCenter Integration Service updates all rows as updates.
- Update else Insert. The PowerCenter Integration Service updates existing rows and inserts other rows as if marked for insert.
- Delete. The PowerCenter Integration Service deletes the specified records from Microsoft Azure SQL Data Warehouse.

For more information, see the *Informatica PowerExchange for Microsoft Azure SQL Data Warehouse 10.1.1 HotFix 1 User Guide for PowerCenter*.

### PowerExchange for Microsoft Dynamics CRM

Effective in version 10.1.1 HotFix 1, you can use the following target session properties with PowerExchange for Microsoft Dynamics CRM:

- Add row reject reason. Select to include the reason for rejection of rows to the reject file.
- Alternate Key Name. Indicates whether the column is an alternate key for an entity. Specify the name of the alternate key. You can use alternate key in update and upsert operations.

For more information, see the *Informatica PowerExchange for Microsoft Dynamics CRM 10.1.1 HotFix 1 User Guide for PowerCenter*.

### PowerExchange for SAP NetWeaver

Effective in version 10.1.1 HotFix 1, PowerExchange for SAP NetWeaver supports the SSTRING data type when you read data from SAP tables through ABAP. The SSTRING data type is represented as SSTR in PowerCenter.

For more information, see the *Informatica PowerExchange for SAP NetWeaver 10.1.1 HotFix 1 User Guide*.

## Changes (10.1.1 HotFix 1)

This section describes changes in version 10.1.1 HotFix 1.

## Support Changes

Effective in version 10.1.1 HF1, the following changes apply to Informatica support for third-party platforms and systems:

### Big Data Management Hadoop Distributions

The following table lists the supported Hadoop distribution versions and changes in 10.1.1 HotFix 1:

Distribution	Supported Versions	10.1.1 HotFix 1 Changes
Amazon EMR	Deferred support	Deferred support for version 5.0. Big Data Management 10.1.1 Update 2 continues support for Amazon EMR 5.0.
Azure HDInsight	3.5	Added support for version 3.5.
Cloudera CDH	5.8, 5.9, 5.10, 5.11	Added support for versions 5.10, 5.11.
Hortonworks HDP	2.3, 2.4, 2.5, 2.6	Added support for version 2.6.
IBM BigInsights	4.2	No change.
MapR	5.2.0 MEP binary v. 1.0	No change.

To see a list of the latest supported versions, see the Product Availability Matrix on the Informatica Customer Portal: <https://network.informatica.com/community/informatica-network/product-availability-matrices>.