

# CA XCOM™ Data Transport® Gateway

## Release Notes

Version 12.0



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## CA Technologies Product References

This document references the following CA Technologies products:

- CA XCOM™ Data Transport® for Gateway Version 12.0

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- Online and telephone contact information for technical assistance and customer services
- Information about user communities and forums
- Product and documentation downloads
- CA Support policies and guidelines
- Other helpful resources appropriate for your product

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# Chapter 1: New Features

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The Release Notes for CA XCOM Gateway document both new features and changes to existing features for version 12.0. This section describes new features added to the product.

This section contains the following topics:

[CA XCOM Gateway Transfer Web Service API](#) (see page 7)

[Symbolic variable 'GWDPATH' Support in Transfer XML](#) (see page 8)

[Exit Points to Execute Custom Scripts](#) (see page 8)

[Localized Date Formats](#) (see page 9)

[Gateway Audits](#) (see page 9)

[Change File Type Manually](#) (see page 9)

[Discontinued Support to 32 bit platform](#) (see page 9)

[Compatibility](#) (see page 10)

[Gateway as a Service](#) (see page 10)

## CA XCOM Gateway Transfer Web Service API

This version of Gateway includes an Application Programming Interface (API) to extend the transfer features as a public web service. The API is automation-compatible and provides extensive design and runtime facilities for third-party integrators and users of script-based environments.

The Gateway UI is exposed as a REST API.

Gateway performs two types of operations:

- Transfers
- Administration

**Note:** In this release, only transfer related operations are exposed as web services, hence you can use only transfer related tasks. For more information about the syntax and semantics of web services, see the *API Reference Guide*. To browse through samples, see the Samples directory under CA XCOM Gateway installation directory.

## Symbolic variable 'GWDPATH' Support in Transfer XML

This version supports dynamic replacement of a destination path in onward delivery (transfer) XML. This helps the administrator avoid duplicating policies because of different destination location requirements.

The gateway administrator specifies the default destination path but if the end user provides the destination path while registering the file into gateway then the default destination path is overridden. The destination path can be sent through the XCOM API interfaces.

**Note:** For more information about this new feature, see the *Product Guide*.

## Exit Points to Execute Custom Scripts

This version supports the execution of custom batch or shell scripts at specific events. The gateway administrator can now embed and execute their custom or proprietary logic. A facility has also been provided to test the custom scripts before actually assigning them to a specific policy. However, the test scenarios that are created to test the custom scripts cannot be saved for future reference. These scripts can be managed using a newly introduced tab that is named 'Manage Scripts' under the Administration tab.

The following events are supported:

- Before Register – Gateway executes the customer registered script before the file gets registered with the Gateway.
- Pre Onward – Gateway executes the customer registered script before the onward delivery begins.
- Post Onward – Gateway executes the customer registered script after the execution of onward delivery.

As this release supports execution of batch or shell files, the administrator can do any of the following:

- Execute any business logic that is written in any programming language
- Perform virus scanning
- Invoke workflows
- Modify onward delivery XML dynamically

## Localized Date Formats

In this version, the administrator can specify the default GUI date/time format that is used to display date and time to the end users. The end users can log in to gateway and override the default date/time format or set their own preferences for future use. Preferences set using the website are only applicable to that website. The preferences set do not affect FTP and SFTP sessions and the FTP and SFTP client still see the dates in the default format set by the administrator.

You can use the preferences link introduced on the top right corner of the gateway website.

**Note:** For more information about this new feature, see the *Product Guide*.

## Gateway Audits

This version maintains extensive audits for user and transfer related activities. The administrator can easily configure all the events that require audit for these activities. The Audit module has been designed as an asynchronous module. The module does not degrade the performance or response time while collecting audits. The administrator can monitor and analyze the audit records using the website. The website even supports filter management to save and apply commonly used filters. Audited data can easily be exported in a CSV format, which can be used for further manual analysis.

**Note:** For more information about this new feature, see the *Product Guide*.

## Change File Type Manually

This version can automatically detect and store both file type and content type if configured to do so, with an exception of the EBCDIC character set. By default automatic detection is enabled but can be disabled under global parameters. If the type detected by gateway does not match the actual content of the file, then the owner or the administrator can update or change the file type using the gateway website.

**Note:** For more information about this new feature, see the *Product Guide*.

## Discontinued Support to 32 bit platform

Gateway v 12.0 does not support all the 32-bit platforms.

## Compatibility

CA XCOM Gateway v 12.0 is not compatible with the CA XCOM Data Transport r11.5 and earlier releases.

CA XCOM Gateway v 12.0 can work with CA XCOM Data Transport r11.6 (32-bit/64-bit) with patch 14043.

CA XCOM Gateway v 12.0 is not compatible with CA XCOM Data Transport Interface server v11.5.

## Gateway as a Service

This version allows you to start gateway as a service in Windows.

# Chapter 2: Enhancements to Existing Features

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This section documents changes made to existing features from Release 11.6.

This section contains the following topics:

[Enhanced Installation Process for Upgrade](#) (see page 11)

[Enhanced Transfer Diagnostics](#) (see page 11)

[Enhanced File Upload](#) (see page 12)

[Online Help Enhancement](#) (see page 12)

[Global Parameter Changes](#) (see page 12)

[Changes to User/XCOM Delivery Script Info under Manage Policies](#) (see page 12)

[Name Change of Automatic File Insertion](#) (see page 12)

## Enhanced Installation Process for Upgrade

The installer has been enhanced to upgrade the replication of the database from r11.6 to v12.0. The Upgrade option is in both typical and custom installation sets.

**Note:** For more information about Upgrading from r11.6 to v12.0, see the *Product Guide*.

## Enhanced Transfer Diagnostics

This version has been enhanced to provide a status of the entire transfer XML apart from individual transfer status. Onward delivery status can be monitored using the Transfer diagnostic's Per Transfer Status or Onward Status table. Onward script or the transfer XML contains one or more transfer items. The product executes each individual transfer item independently. As an end user if you want to get information about individual transfer status, you can view the records under the Per Transfer Status tab under Transfer diagnostics. As an end user if you want to get information of an entire transfer XML, you can view the records under the Onward Status tab under Transfer diagnostics. If any transfer fails in the transfer XML, it is shown as a failure otherwise it is shown as a success.

## Enhanced File Upload

This version allows multiple file selection during file upload using the gateway website accessed using an HTML5 compatible browser. There is an upper limit on the number of files that can be uploaded using this facility.

**Note:** For more information, see the *Product guide*.

## Online Help Enhancement

This version introduces an information icon in the top-right corner of the gateway website to get build related information. This link was earlier found under the Help link. The Online Help is now context-sensitive. You can click the Question mark icon on each page in the website to see the information that is related to the corresponding page.

## Global Parameter Changes

This version introduces new tags to handle audits, file/content type detection and date/time format. Correspondingly, the Gateway website Global Parameters UI has been enhanced. In Gateway r 11.6 FTP and SFTP configurations were displayed as independent sections but in Gateway v12.0 they have been merged into one section. An Audit configuration section has been introduced. This information is important if an administrator manually updates the xcom-globals.xml.

**Note:** Updating xcom-globals.xml manually is not recommended. To update this file use the Global parameters under the Administration tab.

## Changes to User/XCOM Delivery Script Info under Manage Policies

Administrators can no longer directly write transfer XMLs in these sections. They are now centrally managed under Manage Scripts as onward scripts. This section is renamed as 'Assign Scripts Non-XCOM Insertions' and 'Assign Scripts XCOM Insertions'. These sections can assign both onward and custom scripts to policies.

**Note:** For more information, see the *Product guide*.

## Name Change of Automatic File Insertion

Automatic File Insertion is now named Directory Watcher.

# Chapter 3: Documentation

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This section contains the following topics:

[Documentation Changes](#) (see page 13)

## Documentation Changes

There have been changes in the structure of some of the documentation and one document added to the document set.

The documents in this release are:

- CA XCOM Gateway Release Notes
- CA XCOM Gateway Product Guide
- CA XCOM Gateway API Reference Guide
- CA XCOM Gateway Message Reference Guide