



*New Features Guide
IBM Cognos Controller
Version 10.2*

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New features in IBM Cognos Controller version 10.2

This section describes the new features of IBM Cognos Controller.

Command Center

The group Command Center window is simplified and you can perform more tasks from the Command Center menu.

The changes to the group and company Command Center provide the following benefits:

- The chart gives a better overview
 - You can select multiple submissions (group).
 - You can lock and unlock companies or submissions (company/group).
 - You can open intercompany reports and send an email (company/group).
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New advanced formula calculations

The new COMPANY_YTD function allows you to retrieve data from a specific company that can be used for all companies in an Advanced Formula Calculation job.

For example, you can now specify in one entry the number of banking days to be used for all companies in a calculation. In previous versions, you had to enter this information for each company individually.

The syntax of the AVERPER functions is now improved so that you can create dynamic intervals for average calculations. You do this by specifying a start period, instead of a fixed number of periods, in the calculation formula. When you run the calculation, the number of periods to include in the average calculation is determined for each period that is calculated.

Expanded audit trail information

The System Audit Log is expanded with new audit trail information. All changes in the General Configuration are now logged.

Improved accounts and journals

As of IBM Cognos Controller version 10.2, you can prevent users from selecting accounts that belong to a locked submission.

When you add a new company journal, you can then select only the available accounts that are displayed in the pop-up menu.

available accounts. This is handled through the account validation pop-up.

When you open a journal with at least one locked account, the journal is opened in read-only mode. You can activate this feature by specifying the server preference DEJOURNAL_SUBMLOCK = TRUE

Note: The check for available or locked accounts is applicable to data entry of Company Journals only.

Additional UDBR features

You can perform additional tasks using UDBR.

UDBR now includes the following features:

- You can use the IF ELSE function to set rules for transfer between accounts.
 - You can define the specific members of the four extended dimensions as the source of the business rule.
 - You can indicate that the target extended dimension must be the same as the source extended dimension.
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New control table E411 for deferred taxes

You use control table E411 when the deferred tax calculation should apply only for companies and not for consolidated values at the group level.

Control table E411 is similar to control table E410.

FAP user groups

You can assign permission levels to a Financial Analytics Publisher (FAP) user by adding them to one or more of the following user groups: 1) IBM Cognos Controller User, 2) IBM TM1 User, or 3) User Group Administrator.

You specify the permissions levels in Controller using Maintain > Rights > User. The access restrictions that you define in Controller also apply in TM1. The access to one or more dimensions is determined by the Security Group limitations.

If an Initial Publish was performed in a previous Controller release, all users from the previous release will still exist on the TM1 server. If it is no longer required that some of those users be active in the TM1 server, the TM1 administrator must delete them.

Note: If any unwanted users/clients were not deleted from TM1, those users' rights are removed after a publish from FAP 10.2. However, the users remain visible when you view Client Security.

The IBM Cognos Controller User group

IBM Cognos Controller User group members can use Controller and the Excel Link Add-in.

Note: If a user is assigned only to the IBM Controller User group, they cannot use IBM Cognos TM1.

The IBM TM1 User group

IBM Cognos TM1 User group members can use TM1.

Note: If a user is assigned only to the IBM TM1 User group, they cannot use IBM Cognos Controller or the Excel Link Add-in. User names assigned to the IBM Cognos TM1 User group are copied over when you publish to the IBM Cognos Controller Financial Analytics Publisher. IBM Cognos TM1 User group members can access Controller data in a published FAP cube in TM1 if they were granted access to the cube. An Initial Publish transfers all active TM1 users to the TM1 server. Inactive TM1 Users and inactive IBM Cognos Controller Users are not transferred to the TM1 Server.

The User Group Administrator group

User Group Administrator group members can use both Controller and TM1.

A member of the User Group Administrator group can change permissions for other users in his group, but not for the group itself. This type of user cannot change permissions for users on a higher level in the hierarchy than his own group. This option is not available for users who are assigned only to the IBM Cognos TM1 User group.

Note: After you upgrade a Controller database from an earlier version of IBM Cognos Controller, all users are members of the User Group Administrator group by default. Therefore, if you do not want certain users to access FAP cubes, you must move them to the IBM Controller User group before you run an Initial Publish.

One source definition for each Controller database

In release 10.2 of IBM Cognos Controller and IBM Cognos Controller Financial Analytics Publisher, a Controller database can be referenced by only one source definition.

If you try to reference a Controller database by more than one source definition, the following message appears: Cannot add source. Source with this Controller database already exists. Please choose another Controller database.

Greater FAP performance and stability

In IBM Cognos Controller 10.2, the trickle table for Financial Analytics Publisher (FAP) is separated from the Audit Trail Log. You can separate and automate the purge schedules with optimal indexation, resulting in better overall performance and stability.

Note: After the installation, database conversion can take several minutes while tables are created and data is copied.

64-bit Server (.NET)

The 64-bit technology (Microsoft .NET) on the Cognos Controller server in version 10.2 allows for better stability because of the lower risk of out-of-memory problems. In addition, more simultaneous users can use the Cognos Controller 10.2 server.

FoxPro components will continue to run in 32 bit (in COM+).

In IBM Cognos Controller 10.2, you must perform these configuration tasks:

- Set the application pool to 64-bit mode (enable 32 bit applications=false).
 - Set the process model identity to LocalSystem.
 - Ensure that the application pool is still set to use .NET Framework 2.0.
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New multi-threaded batch engine

When the server technology was converted to Microsoft .NET, the batch engine was improved.

The batch engine in IBM Cognos Controller version 10.2 has the following benefits:

- There is no system limitation on the number of parallel batch processes. The only limits are the amount of memory and the CPU.
- The single service for all batch processes removes the risk of synchronization issues.

Installation and configuration

IBM Cognos Controller 10.2 has an improved installation and configuration experience. The number of steps for the system administrator has been reduced.

Important: Before you install Cognos Controller 10.2, you must completely uninstall earlier versions of Cognos Controller.

Interoperability and conformance additions

IBM Cognos Controller 10.2 interoperates with additional products and supports additional applications.

Controller 10.2 now interoperates with these products:

- TM1[®] 10.2.2
- CDM 10.2.2
- DB2[®] 10.5

Controller 10.2 now supports these applications:

- Microsoft Excel 2013 (Requires latest Windows updates)
 - Microsoft Windows 8.1 (client only) 64-bit
 - Microsoft SQL Server 2012
 - Microsoft Windows Server 2012 (Standard Edition and higher) 64-bit
 - ORA 11G R2_3
 - Microsoft Internet Explorer (IE)
 - Adobe Reader XI
 - Microsoft .NET 3.5 SP1
 - Microsoft .NET 4.0
 - IBM JRE 1.7
 - Microsoft IIS8
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New server preferences

The ETYPE_EXCLUDE2, CONTRVER_EXCLUDE, and CONTRVER_EXCLUDE server preferences have been added.

ETYPE_EXCLUDE2

The server preference ETYPE_EXCLUDE2 is a complement to ETYPE_EXCLUDE. For more information, see the IBM Cognos Controller User Guide.

CONTRVER_EXCLUDE

The server preference CONTRVER_EXCLUDE is introduced to allow the definition of a Contribution Version in IBM Cognos Controller to include the automatic journal types to be handled as ETYPE_EXCLUDE where ETYPE_EXCLUDE would have otherwise required more than 50 characters.

CONTRVER_EXCLUDE2

The server preference CONTRVER_EXCLUDE2 is introduced to allow the definition of a Contribution Version in Cognos Controller to include the automatic journal types to be handled as ETYPE_EXCLUDE2 where ETYPE_EXCLUDE2 would have otherwise required more than 50 characters.

Enhanced fexpvval and fgetval functions

The fexpvval and fgetval functions have been enhanced.

Access rights to accounts in the Controller Excel link have been modified. When a user logs into the Controller Excel link, the user's access to accounts is now based on the permissions identified in the Security Group "Forms".

Old consolidation model

IBM Cognos Controller 10.1.1.x was the last release to support the consolidation model that was the default before the 8.1 release. The old consolidation model is not available as of Controller 10.2. The CONS_BY_LEVEL server preference is no longer supported.

Note: Even though it is not possible to consolidate data using the old consolidation model, it is still possible to view consolidated values on periods run with the old consolidation model by using the OLKOREP_AC and CONS_BY_LEVELSTART server preferences.

Even though you can upgrade to the new consolidation model in Cognos Controller 10.2, we recommend that you upgrade to the new consolidation model before upgrading to Controller 10.2. We recommend that you use the latest version of Controller version 10.1.1 FP3 to perform the upgrade. For more information, see your IBM Cognos consultant.



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