



Infor Enterprise Server CE Release Notes for 2018

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About this guide

This document provides information about the enhancements and changes in Infor Enterprise Server.

Details of previous updates for this year are also included in this document.

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Chapter 1 ELN-13, ELN-14, and ELN-15 (December 27, 2018)

This chapter describes the details of the ELN-13, ELN-14, and ELN 15 (10.6) updates for Infor Enterprise Server CE.

Solution enhancements

This section describes the enhancements in Enterprise Server CE.

LN User Interface

This section describes the enhancements in the LN User Interface (LN UI).

Product improvements

Note: LN UI 12.2 is required.

Deployment changes

The online help for the LN UI Administration Webapp now includes the *Infor LN UI Administration Guide*.

The online help in English for LN UI Settings now includes the *Infor LN UI User Guide*.

Usability improvements

You can now search within a subtree of the navigation menu. Right-click the desired node of the navigation menu and select **Search from Node**.

User Profile Handling

When you start LN UI, a dialog box to select the user profile may be displayed. This dialog box is displayed if you have multiple profiles and no profile is set as default.

After LN UI is started, you can select **Options > Settings** to access user profiles.

Compatibility information

See the [Online Compatibility Matrix](#) on the Infor Support Portal.

Chapter 2 ELN-12, ELN-11, and ELN-10 (September 27, 2018)

This chapter describes the details of the ELN-12, ELN-11, and ELN 10 (10.6) updates for Infor Enterprise Server CE.

Solution enhancements

This section describes the enhancements in Enterprise Server CE.

Application configuration

This section describes the enhancements in Application configuration.

New features

Export and import configurations

New sessions for export (ttaad7203m000) and import (ttaad7204m000) of configurations have been added. You can use these sessions to copy AMS data and table sharing data across environments.

PDF properties

A new PDF Properties (ttadv3138m100) session is available to change and configure PDF display property settings. Use the Convert option to write the settings to the PDF.properties file.

Application extensibility

This section describes the enhancements in Application extensibility.

New features

Session and report extensions – additional functionality calculated fields

The session and report extension functionality has been extended with additional functionality for calculated array fields. A calculated field has an extra elements property to indicate the array depth. The calculate value hook for an array element differs from a single calculated field; the element number is an input argument.

Product improvements

Start the Customer Defined Fields session

The Extension Modeler now contains an option to start the Customer Defined Fields session for table and session extensions.

Customer Defined Field domains in zoom dialog box

In the Extension Modeler, when accessing domains, Customer Defined Field domains are now included in the zoom dialog box.

Database management

This section describes the enhancements in Database management.

Product improvements

General Table Maintenance (GTM) session – support clear fields search row

In the Search Row dialog box of the General Table Maintenance (ttaa4100/4500) session, the **Clear Fields** option has been added.

Functions and features

This section describes the enhancements in functions and features.

New features

SOAP – support CDATA

The Library Generator (LN Studio) that generates an LN library based on a WSDL now also supports the generation of functions with CDATA data elements. A library TIV of 2230 or higher is required.

The SoapElement library has been extended with new functionality for setting CDATA elements.

Note: LN Studio build 10.6.0.361 is required.

Suppress messages and questions – support 3GL processes

The suppression of messages and questions, as set by the Tools Parameters (ttaa0100m000) session, is now also applicable to messages and questions of 3GL processes started through a 4GL session.

Integration tools

This section describes the enhancements in Integration tools.

New features

Data Publishing Management module

A new integration module, Data Publishing Management, is introduced as part of the Integration Tools.

With the Data Publishing Management functionality, all the data from LN application tables can be published to Infor Data Lake using ION Messaging Service (IMS). In Data Lake, the data can be used for Business Intelligence and Analytics (Birst).

In the IMS Parameters (ttdpm5130m000) session, you can configure the connection to IMS.

In the Data Sets sessions, the tables that must be published are defined, such as data sets that are required for specific BI Reports. Sensitive data can be excluded from publishing.

The publishing sessions publish the LN data. You can use the Publish Data (ttdpm5205m000) session for initial load. That is, the complete content of the tables that are set up to be published. The Publish Changes (ttdpm5125m000) session publishes the runtime changes by users, for all the tables that are set up to be published.

Note: Porting set 9.2b or later is required.

Product improvements

Object configuration management - additional text

In the Object Types (ttocm0102m000) session, the text manager is now enabled. You can link a text to the object type of a model. In the Models (ttocm0101m000) session, you can export a complete model to XML. Texts that are added to an object type are not added to the exported XML.

Job management

This section describes the enhancements in Job management.

New features

Job groups

In a scenario where performing job A depends on the result of job B, it is hard to decide at what time job A must be scheduled, and how long job B runs. To handle dependent jobs, you can now create a job group. Use the Job Groups (ttaa5140m000) session to create a job group. A job group has a name, with the same characteristics as a job name, and a description. The **Status** and **User** of the job group are handled automatically.

After creating the job group, the jobs are added to the group, approximately in the order the jobs must be performed. The first job in the group (with the lowest Group Number) determines the handling of the whole job group, such as execution date and whether the job group is being repeated. If the job group is not repeating, the job group and all non-repeating jobs in the job group are deleted when the job group has run.

The dependencies of the jobs in the job group are also determined. A job in the job group can only depend on a job in the same job group with a lower job number.

You can use the specific options in the Job Groups (ttaa5140m000 and ttams5640m000) sessions to change the status of the job group. The job group statuses have the same meaning as the status of the jobs and the same status changes are allowed.

Note: Job groups are only handled by the BSE service Job Scheduler Service.

User management

This section describes the enhancements in User management.

New features

DEM authorization in role data

In Enhanced AMS, you can overrule the maximum allowed session authorization level as exported/generated through the Aggregate DEM Authorizations for AMS (tgbrg9298m100) session, and stored as **Current DEM Authorization**.

The overruled authorization, stored as **Actual Authorization**, can be set manually. You can now set this overruled authorization also more easily in these ways:

- Use the new **Actualize Authorizations** option that has been added to the Authorizations (ttams4100m000/ttams4110m000) session.

- Use the Aggregate DEM Authorizations for AMS (tgbrg9298m100) session. This session actualizes the authorizations if the **Automatically Start Authorization** parameter in the AMS Parameters (ttams0100m000) session is enabled.

Product improvements

Authorization workbench – color badges

The workbench authorization functionality is now extended with color badges for enumerated properties. In the Enum Domain Formatting (ttgfd4525m000) session, you can extend enum properties with color or images. This functionality is supported for these properties:

- All authorization properties: ttaad.perf, ttaad.perm, ttams.fltr, ttams.perm
- The context (ttams.cntx) property

LN User Interface

This section describes the enhancements in the LN User Interface (LN UI).

Product improvements

Note: LN UI 12.1.3 is required.

<Multiple> keyword in column header on filter row

On the filter row, the <Multiple> keyword in the column header indicates that multiple filter conditions are applied to the column. The filter conditions are displayed when resting on the column header.

Light skin for navigation menu

LN UI supports a light skin for the navigation menu, in addition to the default dark skin. To change the skin, open the user profile and navigate to the **Preferences** tab and the **Appearance** field group.

Different format of displaying the version and build number

This LN UI version introduces a different format of displaying the version (12.1.3) and build (32) number: 12.1.3-32.

Miscellaneous

This section describes miscellaneous enhancements.

Product improvements

Bi-directional language exceptions

The text direction of each multibyte string form field is determined by the language of the user or by the currently selected data language in case of a Multi-Language Enabled environment. In certain cases, such as phone numbers, the text must always be displayed from Left-to-Right. There are two ways to overrule the automatic text direction:

- 1 In the LN Studio Form Editor, the text direction of a multibyte field can be set to **Always Left-to-Right**.
Note: LN Studio build 10.6.0.361 is required.
- 2 In the Form Personalization, the customer can personalize the text direction of a multibyte field to **Always Left-to-Right**.

File Manager workbench – support root path

The `FileManager.selectFile()` and `FileManager.selectFolder()` functions are extended with a `root.path` argument to set the root directory of the File Manager workbench. A user can navigate to child directories but not to the parent of the root directory.

For more information, see the *Infor ES Programmer's Guide*.

Change Company session – (Enhanced) AMS filter

If a user starts the Change Company (ttask2007m000) session, all companies with the same package combination as the user are displayed. However, using (Enhanced) AMS, you can restrict the companies where the user can perform any actions. That is, you can restrict the companies where the user has permission to start at least one session. The user can change to a company where the user cannot perform any tasks.

To prevent this, the convert user to runtime functionality has been changed: now, all companies where the user can perform a task (display authorization for one session in the company is sufficient) are stored. These companies are used for filtering out the companies for which a user has no session authorization.

This data is also used in BIRST to filter out the data a user can view.

A user can have session permissions on these levels: all packages, a package, a module, or a session. If a user has session permission for all companies on a level, then the user can switch to any company, except in these situations:

- AMS

The user's **Authorization Group** is **No Authorization** for a company in the Session Authorizations by Company (ttams3133m000) session. The user has no other allowed authorization for a package, session, or module.

- Enhanced AMS

The user's **Actual Authorization** is **No Authorization** for a company in the Session Authorizations (ttams4110m000) session for all the packages (package is empty). The user has no other allowed authorization for a package, session, or module.

The data of the allowed companies is automatically generated when a user is converted to runtime. If the user is not yet converted and the allowed companies are not yet recorded, the companies are not filtered in the Change Company (ttask2007m000) session. When a user is converted to runtime, the present allowed companies are removed and a new list is created.

Note: Super users do not have AMS roles and therefore have permission for all companies.

Compatibility information

See the [Online Compatibility Matrix](#) on the Infor Support Portal.

Chapter 3 ELN-9 and ELN-8 (June 28, 2018)

This chapter describes the details of the ELN-9 and ELN 8 (10.6) updates for Infor Enterprise Server CE.

Solution enhancements

This section describes the enhancements in Enterprise Server CE.

Authorization workbench

This section describes the enhancements in the Authorization workbench.

New features

Authorization Workbench (ttams4300m000) session

The Authorization Workbench (ttams4300m000) gives a different view on the AMS and DEM authorization settings. Next to this, the workbench shows the maximum effective authorization and personalization settings for each affected session.

The purpose of this workbench is to quickly scan the implemented authorizations. Therefore, the workbench provides these perspectives:

- User perspective
Shows all authorizations for a specific user. Results are displayed grouped by role.
- Role perspective
Shows all authorizations for a specific role. All users in the specified role are displayed.

- Session perspective

Shows all authorizations for a specific session. Results are displayed grouped by role. A list of users per role and a list of all users for the specified session are displayed.

Shortcut buttons, to quickly switch between perspectives with use of the context, are available on several levels. To get more focus on a specific authorization, you can set several filters.

To enable editing, you can zoom to the corresponding edit sessions:

- Session Authorization (ttams4110m000)
- Table Authorization (ttams4111m000)
- Table Field Authorization (ttams4112m000)
- Library Authorization (ttams4113m000)

The panel with the resulting maximum authorization is dependent on the existing Runtime Change Publishing (RCP) module. This module supplies information about maximum authorizations for sessions. Personalization settings indicators are displayed together with the maximum authorization.

BFlow test framework

This section describes the enhancements in the BFlow test framework.

Product improvements

Logging

BFlow logging was stored in one file per test step run. Logging is now reduced to one file per test case run

New features

Import/export

In the Import BFlow Test Framework (tlrgt1245m000) session, the import of BFlow cases, scheduling information, and test groups is now optional.

Excel integration

This section describes the enhancements in the Excel integration.

New features

Import from Excel - session selection

When you start Import from Excel from an editable overview session with a synchronized child details session, you can now select which session, overview or details, to use to import the data from an Excel workbook.

User management

This section describes the enhancements in user management.

New features

Enhanced AMS

A session similar to Print Session Authorizations by User (ttams3400m000) has been implemented for Enhanced AMS. The data must initially be generated by the **Aggregate User Authorizations** option. You can also use this option to print the authorization data.

The session is present in the **User Management > Authorization Management System > Definition of Roles** menu.

User data defaults sets

These fields are added to the **User Data Defaults Set (ttaad2111m000)** session:

- **Logistical company**
- **Financial company**
- **Process Browser**

Database utilities

This section describes the enhancements in the database utilities.

Product improvements

Reorganize tables

In the Reorganize Tables (ttaad4225m000) session, the **Repair Indices** action is no longer executed by dropping and re-creating the indices of a specified table range. Instead, the action is now performed by `bdbreconfig`. This binary breaks up the work in parts that are executed in parallel. The **Create Missing Indices Only** option still uses the classic, create index, implementation.

Reorganize Tables Log Entries

The new Reorganize Tables Log Entries (ttadv5510m000) session shows the results of the actions performed by `bdbreconfig` and `refint`. This session has an option to view the detailed logging of each individual run.

Notes:

- An entry is present for each individual run. If, for example, a reconfig is executed by the Convert to Runtime Data Dictionary (ttadv5215m000) session, this results in two entries: a check (only) run and the actual reconfig process.
- The related logging can be displayed through the **Show Logging** option
- The session is available in the **Tools > Database Management > Database Utilities** menu.
- An additional **Log Entries** option is available in these sessions:
 - Reorganize Tables (ttaad4225m000)

- Convert to Runtime Data Dictionary (ttadv5215m000)
- Install Upgrades and Patches (ttmtm3500m000)

In this case, only the log entries that are generated by the actual session are displayed.

Functions and features

This section describes the enhancements in functions and features.

Product improvements

Automatic restart after removing call graph profile/debug options

When you start LN UI, call graph profile and debug options may still be present from a previous session. You are prompted whether these options should be used or removed. If you choose to remove these options, LN UI automatically restarts.

Conditional Formatting

The Conditional Formatting (ttadv9502m000) session now has options to perform these actions:

- Use the format as a filter.
- Define formats at system level, super user only

File Manager - server paging support

The File Manager cannot show the directory content if it has more than 200.000 files and folders. Therefore, the number of directory entries retrieved from the server has been limited to 25.000. If a directory contains more than 25.000 entries, a message is displayed and filtering must be used to find the files in this directory.

List detail

- Personalize Navigation List improvements

For a field without a label, the label description is derived from the overview session if available. Otherwise the table field description, if applicable, serves as the label description of the field.

- Navigation List toolbar

The Navigation List pane has been extended with a toolbar. This toolbar has a Personalization gear with the **Personalization Navigation List** menu option.

- Data Empty indication on Cards

The Tools Parameters (ttaad0100m000) session has been extended with a "**Data Empty**" **Character** field. Use this field to specify the character to be displayed for fields with empty data on the card in a Navigation List.

Session title personalization

The Personalization Workbench, which you can start through the **Personalize Form** command, now supports personalization of the session title.

Options - Debug and Profile 4GL

This functionality has been added:

- **Add Listed Bshell Functions to Profile** - to specify the bshell functions to add to the profile
- **Keep Profile Options for other Bshells** - to specify to save the profiling settings for the current user for new started bshells

The **Profile Options Present** indicator shows whether new bshells are started with profile options.

Options - Debug bshell

These options have been added:

- **Trace Listed Bshell Functions** - to specify the bshell functions to add to the tracing
- **Keep Debug Options for other Bshells** - to specify to save the debug settings for the current user for new started bhells
- Command buttons to start, pause, resume, and stop tracing, and to download the compressed trace file for analysis.

The **Debug Options Present** indicator shows whether new bshells are started with debug options.

Personalization and configuration

This section describes the enhancements in personalization and configuration.

Product improvements

Reorganize Application Personalization menu

The **Session Personalizations (ttadv9100m000)** menu item is moved to the **Reference** menu of the Manage Personalizations (ttadv9150m000) session.

The functionality of the export and import personalization sessions, that is, ttadv9403m000 and ttadv9503m000, has been implemented in these sessions:

- Export Configuration Data (ttaad7201m000)
- Import Configuration Data (ttaad7202m000)

LN User Interface

This section describes the enhancements in the LN User Interface (LN UI).

Product improvements

GBF improvements

The GBF underwent a major technical change. It is faster and can manage bigger tree structures.

Compatibility information

See the [Online Compatibility Matrix](#) on the Infor Support Portal.

Chapter 4 ELN-7, ELN-6, and ELN-5.1 (March 29, 2018)

ELN-7, ELN-6, and ELN-5.1 Enterprise Server

Solution enhancements

This section describes the enhancements in Enterprise Server CE.

BOD handling

This section describes the enhancements in BOD handling.

Product improvements

Improve efficiency determining company upon drill back to LN

Subscription table tlesb300 is checked in each company looking for a match in logical ID.

If the logical ID ends with a slash (/) followed by a number, that number is used as the company number. If this is not the case, the check on tlesb300 is performed on each company.

Database utilities

This section describes the enhancements in database utilities.

Product improvements

Progress indicator porting set binaries

To improve the user experience and avoid time-out communication errors within LN UI, a progress indicator has been implemented. This indicator is displayed for all sessions and libraries during the processing of data by these porting set binaries:

- bdbpre
- bdbpost
- bdbreconfig
- refint

Enhanced AMS

This section describes the enhancements in enhanced AMS.

New features

Copy from DD functionality

In the authorization sessions that are related to Enhanced AMS, the **Actions** menu now contains an option to copy the components from DD.

You can import sessions, tables, table fields, and libraries based on a selection range and specified authorization settings.

Excel integration

This section describes the enhancements in Excel integration.

New features

Access control on export to and import from Excel commands

Two check boxes, **Allow Export to Excel** and **Allow Import from Excel**, have been added to the Tools Parameters (ttaa0100m000) session. Use these check boxes to allow or deny Excel commands for all users. Initially the Excel commands are allowed.

Two Excel options, **Allow Export to Excel** and **Allow Import from Excel**, have been added to the User Data Template (ttams1110m000) session. You can set each Excel option to one of these values:

- **According to Parameters** – to follow the setting of the Tools parameters.
- **Always** – to allow access to the related Excel commands. This setting overrules the Tools parameters.
- **Never** – to deny the access to the related Excel commands. This setting overrules the Tools parameters.

Initially these two options are set to **According to Parameters**.

If a user is denied access to certain Excel commands, these Excel commands are not available in the toolbar of a session. They are also not present in the **Actions** menu of a session.

Functions and features

This section describes the enhancements in functions and features.

New features

Custom format for date and time

In the User Data Template (ttams1110m000), Date and Time options are added. These options enable a user to define a custom format for date and time. This format is used by LN UI when displaying dates and times.

Right-alignment for header labels

A right-aligned header label can be defined for fields in detail sessions. This way columns of fields and the corresponding column labels are better aligned.

The **Above (Right Aligned)** label position is added to the **Position** attribute of a label. This setting is available in LN Studio in the Session Editor - **Form Definition** tab - Details pane – **Label** tab – **Details** group.

Jobs

This section describes the enhancements in job management.

Product improvements

Set all sessions to active or inactive

In the Job Data (ttaad5500m000) session, commands are added to activate or deactivate all sessions that are linked to the selected job. These commands are only available if at least one session with an appropriate active or inactive status is present in the selected job.

Personalizations and configurations

This section describes the enhancements in personalizations and configurations.

New features

Saving splitter position in sessions

The last position of horizontal and vertical splitters in sessions is stored as personalization. The layout of a session can be changed by dragging the split position. When the session starts, the saved position is used for the layout of the session.

Toolbar personalization for Gantt and tree view

For users who are allowed to personalize applications, the **Personalize Toolbar** menu option is available for the Gantt and tree view types of sessions.

Report designer

This section describes the enhancements in the report designer.

New features

Generated Reports (ttadv3548m000) session

A new session, Generated Reports (ttadv3548m000), is available. You can use this session to generate reports based on a selection of table fields of a main table and fields of related tables. In addition to the report, the session also generates a 4GL print session including a form definition and a 4GL program script. For the selection of the table fields of the main table and related tables, the Report Designer workbench is started automatically.

The generated reports are created in your current activity. After you have completed the generated reports, they can be checked in and committed to the Project VRC.

Afterwards, you can modify and personalize the generated reports through the Report Designer. You can, for example, add company logos and change report layouts.

User interface

This section describes the enhancements in the user interface.

New features

Color pickers

Color pickers do now have an advanced RGB color selector. Users can use a color wheel and type the RGB hex code.

Customization of landing page

When using LN UI in stand-alone mode, an LN UI administrator can customize the landing page. The administrator can configure the LN environment to show an image, a banner text, or both on the landing page. In addition, a background color can be defined.

Grid scroll distance

On the User Profile Details (uigt0102s000) page, users can select the amount of grid rows to scroll per mouse wheel tick.

Locate recently used item in menu

When using LN UI in stand-alone mode, you can right-click a recently used item on the landing page and select **Locate**. The side navigation menu is expanded to show the menu that started the session from which the item was started.

Skin selection

An LN UI administrator can configure a predefined skin per LN environment. On the User Profile Details (uigt0102s000) page, users can select to apply the skin from the environment. Alternatively, they can select to apply the user's preference for one of the predefined skins.

Product improvements

Handling of bshell messages

The message window is not only used during non-interrupting message mode but also during interrupting message mode:

- You can view the history of messages by clicking the message icon in the status bar.
- If a new informational message, from for example the bshell, is received, the message icon in the status bar flashes.

Application configuration

This section describes the enhancements in application configuration.

New features

Manage operational status

A new session, Manage Operational Status (ttmtm3501m000), is available. Changes in, for example, Customer Defined Fields (CDF) or the OCM workflow deployment have impact on the data

dictionary. Therefore, these changes also have impact on the shared memory. To actualize the changes, the shared memory must be reinitialized.

To reinitialize the shared memory:

- 1 Use the Manage Operational Status (ttmtm3501m000) session to switch the environment to **Admin only** mode. In this mode, normal users can no longer log on to the environment. Users that were already logged on are forcedly logged off.
- 2 Log off and log on again.
- 3 Use the **BRING ONLINE** command in the Manage Operational Status (ttmtm3501m000) session to bring the environment online again. As a result, normal users can log on again. Shared memory is reinitialized with the next log on.

Compatibility information

See the [Online Compatibility Matrix](#) on the Infor Support Portal.

Chapter 5 ELN-4

ELN-4Enterprise Server

Solution enhancements

This section describes the enhancements in Enterprise Server CE.

BOD handling

This section describes the enhancements in BOD handling.

New features

Insight in batches that are being received or are being processed

A new session, Inbound Staging Batches Monitor (tlesb4500m000), is available. This session shows all BOD batches that are being received, are being processed, or resulted in an error. To view which batches cause problems, you can apply conditional formatting.

Some databases, such as SQL Server, 'support' dirty reading. If such a database is used, you can view the progress when a batch of BODs is being processed.

Database utilities

This section describes the enhancements in database utilities.

Product improvements

Suppress Information Logs (bdbpost) check box

The **Suppress Information Logs (bdbpost)** check box has been added in these sessions:

- Create Table from Sequential Dump (ttaad4227m000)
- Convert/Recover Tables (ttaad4228m000)

If this check box is selected, information-related entries are not logged in the `log.bdbpost6.2<seqn>.log` file. The report output remains unchanged.

DEM enhancements

This section describes the enhancements in DEM.

New features

DEM bookmarks support

Users can create bookmarks for sessions started through a DEM process. A DEM bookmark for a session contains both session information and DEM context. When a user starts a session through the DEM bookmark, the session is started with the DEM context of that bookmark.

DEM favorites support

Users can create favorites of DEM menu items. A session started through a DEM favorite is started in the logistic/financial or base company. If a session cannot be started for some reason, such as insufficient permissions, a warning is displayed.

Upgrading DEM bookmarks and DEM favorites to new DEM model

DEM bookmarks that were created with an old DEM model may not work for a new DEM model. DEM favorites only work if the menu item is still available in the new DEM model.

To upgrade to a new DEM model:

- 1 With the old DEM model: create DEM favorites for all DEM bookmarks.
- 2 With the new DEM model: start the sessions through the DEM favorites and create a new DEM bookmark.

Extensibility

This section describes the Extensibility enhancements.

New features

Add new reports to session

In the Extension Modeler, you can add reports, both new and existing, to a session. You can remove reports by using an `is.visible()` hook. To override reports, you can use a `get.alternative.report()` hook.

Infor Cloud Printing Service

This section describes the enhancements in the Infor Cloud Printing Service.

Product improvements

Keep Connection Open check box

The connection configuration contains a new check box: **Keep Connection Open**. If this check box is selected, the connection to LN is not closed during the polling interval between two consecutive polls. You can use this option to prevent the overhead of closing and reopening connections, that is, stopping and restarting Bshells on the LN server. Only select this check box for polling intervals of less than a minute. Clear this check box for polling intervals of several minutes, to prevent idle connections.

Improved command handling on file share items

You can configure a time-out value for the command that is performed on items that have been downloaded to the file share. If a command is still running after the time-out has expired, the process is killed to prevent "hanging processes".

The executable and its arguments are now specified in two separate text boxes. A **Browse** button has been added to allow easy selection of the executable.

A **Test** button has been added to test the configured command on a selected file.

A **Retry** button has been added to retry the command on the selected failed items. Two types of failed items exist:

- Items for which the command did not complete within the configured time-out period
- Items for which the command completed with a non-zero exit code

LN User Interface

This section describes the enhancements in the user interface.

New features

Locate favorite in navigation menu

When using LN UI 12.1 (Xi) in stand-alone mode, you can right-click a favorite item on the landing page and select **Locate in menu**. The side navigation menu is expanded to show the menu that started the session from which the favorite was created.

Preference for display density

In the user profile of LN UI 12.1 (Xi), you can specify the display density settings. These settings change the vertical spacing of all forms. Workbenches and graphical user interfaces, such as Gantt charts and process models, are not affected.

Preference to use new browser window

In the user profile of LN UI 12.1 (Xi), you can specify whether each new session must run in a separate browser window. Sessions that are called from another session are opened in the same window.

Examples are detail, zoom, and print sessions.

Personalizations and configurations

This section describes the enhancements in personalizations and configurations.

New features

Report personalization - export/import configuration data

The Export Configuration Data (ttaad7201m000) and Import Configuration Data (ttaad7202m000) sessions are extended with report personalizations. To export report personalizations, you must select the **Report Personalizations** check box. If the **Specific Selection** check box is selected, the Report window is available. In this window, you can specify a range of reports and the report personalization levels for which to export the report personalizations.

Report personalization - copy personalizations to other level

The Copy to other Personalization Level (ttadv9200s000) session also supports report personalizations. To copy report personalizations, you must select the **Report Personalization Range** group. This enables the **Package** and **Report** fields where you can specify a range of reports for which to copy the report personalizations.

Report personalization - Designer

A new session, Report Designer (ttstppersrep), is available to personalize reports. In the Report Designer you can perform these actions:

- Modify existing report layouts, and change the properties of report fields and labels.
- Add company logos, bar codes, and images to the report.
- Add layouts to the report without customizing the report.

You can store report personalizations on user level and on company level.

Product improvements

Disable all personalizations

In the Manage Personalizations (ttadv9150m000) session, an option is added to disable personalizations, filters, and conditional formatting per user.

Remove menu personalizations

The **Revert to Saved** command in the Personalize Menu (ttadv9205m000) session has been replaced by the **Remove Personalizations** command in the **Actions** menu.

Report personalization - copy personalizations to other companies

You can use the Import Configuration Data (ttaad7202m000) session to import personalizations: you can import session, report, and menu personalizations, that were exported from a certain company, into one or more other companies.

Show personalization information for sessions

Additional information has been added to the Properties (ttksession) session. You can start this session by pressing **Ctrl+Shift+8** in a session.

The additional information shows whether personalizations and extensions are active for the session.

Toolbar personalization improvements

The toolbar personalization for sessions has been enhanced with these features:

- Personalizations for toolbar buttons, menus, and menu items are fully integrated.
- You can add every menu item to the toolbar.
- Buttons and menu items can be displayed as text, icon, or both.
- Buttons and menu items can be colored.
- You can create personalized menus by adding new menus and rearranging the menu items.
- Shortcut menus are updated with the personalized visibility and description.

PMC delivery - CDF

This section describes the enhancements in the delivery of Customer Defined Fields.

New features

PMC delivery mechanism for CDF

You can use PMC to deliver Customer Defined Fields (CDF) together with the table extension. This functionality replaces these CDF-related sessions:

- Export Customer Defined Fields (ttadv4291m000)
- Import Customer Defined Fields (ttadv4292m000)

Functions and features

This section describes the enhancements in functions and features.

Product improvements

Persistent Gantt options

The checked state of the **Show Completions** and **Show Relations** Gantt options is saved for the user when the session is closed. The same checked state is restored the next time the session is started.

Search box of list details sessions – support filtering on descriptions of enumerates

When you specify a pattern in the search box of a list details session, a filter is applied on the data.

This filter ensures that only the entries that contain the pattern in their string attributes are displayed. This functionality has been extended. Now, entries that contain the pattern in the description of the enumerated values are also displayed.

Known issues

This section describes the known issues.

Bdbvalidate error reporting

Sometimes, the bdbvalidate error report can show incorrect column information containing one or more high ASCII character errors. This will be fixed in the next release.

Compatibility information

See the [Online Compatibility Matrix](#) on the Infor Support Portal.