

### Build Update Process

Important: If Nintex Live Connector for Nintex Workflow 2010 has been installed, it is highly recommended that the Nintex Live Connector for Nintex Workflow 2010 is first uninstalled before updating to Nintex Workflow 2010 v2.3 or higher. For steps on how to uninstall, please see the following [document](#).

**Note:** These processes will cause IIS to restart on each front end server, triggering a short outage.

You will not be able to upgrade without a valid Software Assurance or Premium Support contract in place.

To check if you have a valid Software Assurance or Premium Support contract in place, please navigate to **SharePoint Central Administration**, locate the **Nintex Workflow Management** section and click **Licensing**. If the Software Assurance or Premium Support expiry date is in the future, an upgrade is available.

Login to the server as a SharePoint administrator with sufficient privileges to deploy solutions and features.

1. Navigate to **Uninstall or change a program** on the server hosting Nintex Workflow 2010 and uninstall Nintex Workflow 2010 (this does not affect the products functionality).

Warning: Do not retract the Nintex Workflow 2010 solution(s) via SharePoint administration. Retracting the solution(s) is not required and will disrupt users currently using the product.

2. Install the new Nintex Workflow 2010 MSI:
  - a. Choose **Yes, add the solution SharePoint now** when prompted. The installer will attempt to upgrade the solution in SharePoint.
  - b. Select the **Install Nintex Live** option. This will install the Nintex Live Framework which is required to enable the Nintex Live Workflow feature.
3. After installation, the **Solution Management** page will be displayed. Refresh the page until the **nintexlivecore.wsp**, **nintexworkflow2010.wsp** and **nintexworkflow2010enterprisefeature.wsp** solutions are listed as **Deployed**.

Note: If the page lists the solution as **Deploying** with a timestamp, refresh the page until the solution is listed as **Deployed**. If the page says **Service Unavailable**, then IIS is restarting. Refresh the page until it displays.

In some cases the Nintex Workflow 2010 solution may appear with an Error. This indicates that the Solution package upgrade has failed.

To resolve: Click on the Nintex Workflow 2010 solution(s) and click **Deploy Solution**. In most cases this resolves the error and the solution should be flagged as deployed. If not, reset IIS (Start->Run->iisreset) before clicking on **Deploy Solution** again. Resetting IIS resolves this issue as it releases all locks on the application files. After deploying manually, reset IIS on each front end server.

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4. With some updates a database update may be required (this will be specified within the version notes). Navigate to **SharePoint Central Administration**. In the **Quick Launch** menu, click **Nintex Workflow Management** and then **Database Setup**. If a database update is available it will be indicated in green with an option to “Update now” . Click on **Update now**.

**IMPORTANT NOTE:** If you receive an error when attempting to access a Nintex Workflow administration page, ensure that the **nintexworkflow2010.wsp** solution package is deployed to the Central Administration web application. To do so, go to the **System Settings > Manage Solutions in this farm** and click **nintexworkflow2010.wsp**. Click the “Deploy Solution” link and select the Central Administration web application from the drop-down. This web application is NOT INCLUDED when selecting the option “All content web applications” as part of the initial installation. An IISRESET should not be needed if this step is necessary.

5. Navigate to **Nintex Workflow Management** and click **Live settings**. In the **Enable Nintex Live for Nintex Workflow** section, click **Enable** and then **OK**.
6. Reset IIS (Start->Run->iisreset) on all SharePoint farm servers and restart the **SharePoint 2010 Timer**. To restart the **SharePoint 2010 Timer**:
  - a. Open the **Start** menu, select **Run** and enter ‘Services.msc’.
  - b. Locate the service. Right-click on the service and select **Restart**.

Note: If Nintex Workflow for Project Server 2010 is installed in the same environment, please restart the ‘Microsoft Project Server Queue Service 2010’ service and do a final IISreset on each server.

After any update, it is recommended that the temporary files stored by the browser are cleared so that cached JavaScript files are not used and no previous errors continue occurring.

To activate and use the Nintex Live Catalog, please see Chapter 4 and 5 of the [Nintex Workflow 2010 Installation Guide](#).

**Product version: 2.3.4.0****Database version: 2.0.1.5****Release date: 17 May 2012****Enhancements**

- Added support for CRM 5 (on premise).
- Added the ability to update the entity owner field with the 'Update CRM record' action.
- The 'Create CRM record' and 'Update CRM record' actions can now recognize the domain\username format when setting the owner.
- Changed the encoding of workflow export files to utf-8 instead of utf-16.
- Added the ability to specify a user principal name in the 'Create AD user' action.
- Added the ability to set policies when enabling a user for Lync in the 'Enable Lync / OCS' action.

**Bug Fixes**

- Fixed an issue where two request data tasks being responded to at exactly the same time could cause the workflow to crash.
- Fixed an issue with the 'Set workflow status' action where it would not use the status configured in the action.
- Fixed an issue with the 'Current Date' token values was based on the server time zone instead of the site time zone.
- Fixed an issue where the 'Message to log on completion' field in actions was not updated when a variable was renamed.
- Fixed an issue with conditional start where a workflow would always start when comparing a multi-value lookup field to its previous value.
- Fixed an issue with conditional start where conditions based on calculated fields would not work.
- Fixed an issue where inserting a variable with the hyperlink editor would not work.
- Fixed an issue with the 'Assign todo task' action where the configuration was setting a Lookup column would be lost when a workflow was opened.
- Fixed issues where the 'Update CRM record' and 'Create CRM record' actions could not modify some entity types.
- Fixed an issue with the 'Query CRM' action where clicking the 'Load CRM' button would clear out the existing configuration.
- Fixed an issue with the 'Create CRM record' where creating a Note entity would require an 'AnnotationID' to be provided.
- Fixed an issue with the 'Create CRM record' where resources could not be provided when creating a service activity.

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- Fixed an issue where a workflow in a Forms Based Authentication environment with verbose logging turned on would generate event log errors "Error getting context data for 'ManagerDisplayname'".
- Fixed an issue where the 'Create site collection' action could not create sites from custom templates.
- Fixed an issue where the required option for multi choice start data variables was not respected when no value was selected when starting the workflow.
- Fixed an issue where the 'Request Review' and 'Request Approval' action would not display as invalid if a custom content type they rely on is missing from the environment.
- Fixed an issue in conditional action configuration dialogs where the data type was not always correctly handled in the second condition clause when the first column of a list was not a text data type.
- Fixed an issue where importing a workflow did not re-resolve List IDs used in the CAML query.
- Fixed an issue where a saved (but not published) User Defined Action does not always show on the manager User Defined Action page.
- Fixed an issue where the 'Message to log on completion' would log for some actions even if the action was disabled.
- Removed some deprecated SQL commands from deployment script.
- Fixed an issue where the 'Create site collection' action would always create the default groups if it's not configured to do so in some circumstances.
- Fixed a script encoding issue with field names on the 'Assign todo task' action dialog.
- Fixed an issue where the 'Create site' action would fail if the workflow was started directly from an option in a list item menu.
- Fixed issues with the Exchange Connector Service deployment.
- Fixed an issue with the 'Query List' action where the time component of a date time field was not included when storing results into a collection variable.
- Fixed an issue where a site administrator could not modify some Nintex Workflow settings on a site unless they had the 'ManageSubWebs' permission.
- Fixed an issue where workflow versioning would become confused if all versions of a workflow were removed from the list settings.
- Fixed an issue where conditional start would fail on a list that contained thousands of items.
- Fixed an issue with the 'Update multiple items' and 'Delete multiple items' actions where date and boolean values used in the filter were not evaluated correctly.
- Fixed an issue where e-mail responses to LazyApproval that contained more than 4000 characters caused the workflow to fail.
- Fixed an issue with the 'Execute SQL' action where the download CSV option would fail for a SQL command that returns no data.
- Fixed an issue where a workflow with a 'User defined action' that contains a multi-output action would not publish.
- Fixed an issue where conditional start would fail in sites that had been imported from a location with a different regional setting.

## Nintex Workflow 2010: Version History

- Fixed an issue where the 'Query List' action did not retain rich text formatting when the option to do so was selected.
- Fixed an issue with 'Query XML' where XSLT stylesheets with HTML characters caused the workflow to fail.
- Fixed an issue where the 'Request data' task screen could fail with a compilation error when the 'Display item properties' option has been selected.

### NWAdmin

- Fixed an issue in operation 'PurgeHistoryListData' where the -silent command would not work when the -clearAll parameter was specified.
- Added 'DetachDatabase' and 'AttachDatabase' operations to NWAdmin for use in database migrations. Please refer to NWAdmin documentation.

### Developer

- Fixed an issue where the PublishWorkflow web service methods resulted in an error when publishing a workflow with a state machine that was exported from Nintex Workflow 2007.
- Fixed an issue where the PublishWorkflow web service methods could throw a security validation error.
- Fixed an issue where the action icon would not display on some custom actions.

**Product version: 2.3.3.0**

**Database version: 2.0.1.4**

**Release date: 9 March 2012**

**Bug Fixes**

- Fixed an issue where the start workflow action would fail with an 'object reference not set to an instance of an object' in some environments.
- Fixed an issue where the workflow action icons failed to appear in some environments.
- Fixed an issue with the translation for the workflow start button in Portuguese (Brazil) language.
- Fixed an issue where conditional start would fail on libraries with thousands of items.

**Product version: 2.3.2.0****Database version: 2.0.1.4****Release date: 23 February 2012****Translations**

- Added new translations to the international release:
  - Chinese (Traditional)
  - Korean
  - Finnish
- Updated existing translations in the international release.

**Enhancements**

- Enhanced the people picker to show the display value of selected item property tokens instead of the internal name.
- Added additional options to 'Update XML' to set the inner XML of a node.

**Bug Fixes**

- Fixed issues with the 'start workflow' action when the action is used in multiple branches of a parallel block.
- Fixed an issue with the 'Search Query' action where fields were unnecessarily mandatory.
- Fixed an issue with the 'Create Item' action where creating a document set would use the Title field for the filename instead of the provided name.
- Fixed an issue where the 'Copy to SharePoint' action would fail if the user that created the document no longer exists.
- Fixed an issue where the modified by date displayed for a workflow undergoing change approval showed a date in year 1899 if it was the first time a workflow was published.
- Fixed issue where 'List Item ID' variables were not listed in the output for the 'Query list' action.
- Fixed an issue where using the 'Collection operational' option to 'pop' a value from a collection would fail if the collection contained a null value.
- Fixed an issue where the 'Start workflow' action was unable to pass data to the initiation parameter of another workflow if that parameter contained a space character.

**Product version: 2.3.1.0**

**Database version: 2.0.1.3**

**Release date: 16 January 2012**

### Bug Fixes

- Fixed an issue where actions that supported multi output caused an error in a UDA.
- Fixed an issue where the 'Query XML' action could no longer take a non-XML value when no processing options were selected.
- Fixed an issue where the 'Call web service' action could not show the web request builder UI if the web method contained an XML parameter.

**Product version: 2.3.0.0****Database version: 2.0.1.3****Release date: 10 January 2012****Features**

- Added the ability to output multiple variables in selected actions:
  - Execute SQL
  - Query XML
  - Query LDAP
  - Query BCS
  - Query List
  - Call Web Service
  - Query User Profile
- Added the ability to execute an action from within the workflow designer:
  - Execute SQL
  - Query XML
  - Query Excel Services
  - Query LDAP
  - Query BCS
  - Query List
  - Call Web Service
  - Web Request
  - Regular Expression
  - Build String
- Added Nintex Live ability to add services from the Nintex Live Catalog to the Nintex Workflow actions toolbox.
- Added a new workflow constant type 'Secure string' that will hide the value of the constant from workflow users as well as administrators with access to the site settings constant page.
- Added the ability to disable an action in the workflow design to prevent it running without deleting it.
- Added the ability to browse for XML nodes in the 'Query XML' and 'Update XML' actions.
- Added the ability to provision users on Microsoft Lync server.

**Enhancements**

- Added an option to configure database security when connecting to a new or existing workflow content database.
- Added checks to ensure every user only receives one task assignment when multiple groups are assigned to a task action.
- Added an option to the 'Query List' action to specify a row limit.
- Updated the 'Call Web Service' action to display a richer SOAP message template.

**Bug Fixes**

## Nintex Workflow 2010: Version History

- Fixed an issue where a variable containing the name of a SharePoint group and there was an AD user or group with the same name would always resolved to the AD user or group when used in an action, even when no “domain\” was specified. This meant there was no way of dynamically referencing the SharePoint group in this scenario. **Note this is a change in behaviour:** Workflows currently referencing a domain user or group without the “domain\” will now resolve to a SharePoint group if there is an exact match.
- Fixed an issue where a task assigned to a SharePoint group provided in a variable could resolve to the wrong group if another group name also contained the intended group name.
- Fixed an issue in the 'Query XML' action where assigning a node set to a text variable resulted in all values being concatenated with no delimiter. Now only the first value is used.
- Fixed potential cross site scripting vulnerabilities.
- Fixed an issue where the 'Query XML' and 'Update XML' actions would not recognize namespaces that were not defined in the root node of the input XML.
- Fixed an issue where the 'Update XML' action would fail when updating a process instruction node.
- Fixed an issue in the 'Query CRM' action where a filter with multiple clauses would not return the correct results.
- Fixed an issue where actions may not correctly insert into an 'Assign a Flexi Task' branch after a branch had been relocated to the left or right.
- Fixed an issue where actions may not correctly insert into a parent action that had been copy and pasted.
- Removed the 'view statistics' link from reusable workflow views as it showed invalid data.
- Fixed an issue where inserting workflow context tokens along with typed text did not always correctly save the value.
- Fixed an issue where obsolete Microsoft SQL stored procedure SP\_AddUser was used during database setup.
- Fixed a script error on the 'Set a condition' dialog that could occur when the condition used a SharePoint choice field.
- Fixed an issue where some site settings pages could not be accessed to configure the site collection level settings if the Nintex Workflow 2010 feature was not activated on the top level site.
- Fixed an issue where the verbose logging details page would fail for an action that has not executed yet.
- Fixed an issue with InfoPath workflow start forms where 'Person or group' fields that were required in workflow settings were not shown as required on the start form.
- Removed the ability to name workflow variables beginning with an underscore as this caused an error during publish.
- Fixed an issue where the 'Create item in another site' action would not list available fields when using the workflow designer in an alternative language from the site default.
- Fixed an issue where sending a plain text OCS or Lync message would still result in a HTML message being sent.
- Fixed an issue where conditional start did not evaluate correctly for date / time columns.
- Fixed an issue where Central Administration would count as one activation record in a work group edition license.
- Fixed an issue where the 'Workflows I've Started' web part did not sort correctly across pages.
- Fixed an issue where the delegation settings page would fail if the site calendar was not set to Gregorian.

## Nintex Workflow 2010: Version History

- Fixed an issue where it was possible to configure the 'Assign a Flexi task' action in such a way that additional branches were added to the designer incorrectly.
- Fixed an issue where renaming states in certain sequences in the 'State machine' action could incorrectly cause an extra state to be created in the designer.
- Fixed an issue where the 'Copy to SharePoint' action would fail if the user that created the document no longer exists.
- Fixed an issue where a 'Assign a Flexi Task' action could not follow the correct branch if another flexi task in the environment had an outcome specified that was the same name but using a different letter case.
- Fixed an issue where the workflow start form with mandatory choice fields would allow a workflow to be started even if no value had been selected.
- Fixed an issue where importing a workflow would incorrectly modify action configurations where the string was in the format X;#;#Y;# and replace the value with a single semi colon.
- Fixed an issue where the 'Copy to SharePoint' action would create a new file in an external site even if 'Update existing' was selected as the 'overwrite existing file' option.
- Fixed an issue where using the 'Copy to SharePoint' action with slide libraries could result in errors being logged to the ULS.
- Fixed an issue in the 'Create CRM' action where the UI would not work correctly when using Internet Explorer 9.
- Fixed an issue where republishing all workflows with a UDA could result in a security validation error.
- Fixed an issue where an error would occur if trying to open a previous version of a site collection reusable workflow template.
- Fixed an issue where the {Common:DocumentCheckedOutUser} token was not always replaced.
- Fixed an issue in the 'Create an item' action where a feature-deployed custom content type may not be available in the list of content types.
- Fixed an issue in the 'Create item in another site' action where a newly created file would not have a file extension unless it was explicitly configured in the workflow action.
- Fixed an issue in the 'Create item in another site' action where the chosen content type would not be set on the newly created item.
- Fixed an issue where a workflow with the 'Update CRM' action would fail with a serialization error when the workflow reached a delay or a task.
- Fixed an issue where the Form Services URL in an email notification would be corrupt if the InfoPath file path contained a + character.
- Fixed an issue where double byte characters in a URL would corrupt the URL displayed on the task approval page.
- Fixed an issue where a 'Request data' task form used in InfoPath could fail if the task content type contained long field names.
- Fixed an issue where a workflow start form with a 'Person or group' field would start the workflow even if an invalid user was provided.
- Fixed an issue where the "Server relative URL", "URL Path" and "Encoded Absolute URL" item properties were not present when designing a reusable workflow template on a document content type.
- Fixed an issue in the 'Create site collection' action where in some circumstances the default site groups were created even if the 'Create groups' checkbox was not selected.

## Nintex Workflow 2010: Version History

- Fixed an error where the workflow designer may show an error when opening an existing workflow after a user migration has occurred in the environment.

### NWAdmin

- Enhanced the 'MoveData' command to move data to a workflow content database that is not connected to the current Nintex Workflow environment.
- Fixed an issue where the 'FixSiteAfterImport' command would fail if a workflow used an InfoPath form.
- Removed the need to provide username and password for some NWAdmin commands if the currently logged in user had access to the SharePoint site.
- Added an option to help determine if a workflow content database is still in use after a 'MoveData' command has been run.

### Developer

- Fixed an issue when using a web service to publish the first workflow on a site could failed with security context error because AllowUnsafeUpdates was incorrectly being set to false during the routine.