

Release Notes for BC BIS 20.0.97333.0

Release Notes

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1. General

1.1 Purpose

This document describes the new functionalities and fixes implemented in To-Increase BC BIS for Dynamics 365 Business Central V20 as well as the known issues at release time.

1.2 Audience

Partners and customers that will install or upgrade to enable the latest functionalities and features released in this version of To-Increase BC BIS.

1.3 Content List

Product	Version	Remarks
BC BIS	Business Central V23.0	Cloud

1. Aligned with Microsoft Dynamics 365 Business Central 2023 (Wave 1), update 23
2. BIS has been tested with version Builds 20.0, 20.1, 20.2, 20.3, 20.4, 20.5, 21.0, 21.2, 21.3, 21.4, 21.5, 22.0, 22.1, 22.2, 22.3, 22.4,23.0,23.1, 23.2, 23.3

2. New Features

Refer to https://business-central.to-increase.com/md/en-US/bis_CloudWhatsnew for an overview of the new features and structure.

- Azure endpoints http actions
- Two new BIS Functions: XStringReplace and XStringReplaceAndEscape
- Email writer body encoding

3. Bugs

3.1 Bug Fixes

The following issues are resolved in the build 20.0.97333.0

ID	Title	Support Case
183026	View message attachment: record not open	
183090	UTF BOM visible in emails	
182813	Querystring values with reserved characters are not highlighted in the webserviceendpoint	
181528	XMLToJSON delimiter setup	CS00229402
180792	Click on the help is not redirecting to the correct online help page.	
182324	Webservice Test page is not showing the help page	
182084	Empty arguments in function wizard not set to double quotes	
181917	Default security profile for Webserviceendpoint not applied	

The following issues are resolved in the build 20.0.96027.0

ID	Title	Support Case
172095	No help page is linked to BIS Xml Schema Setup page 11070313	
180782	Table locking issues	CS00227808
180793	WebService Endpoint security profile update is not refreshing the Authorization querystring property.	
180837	Attributeblock generated when used in config of jsontoxml	
180839	Issues with ChangeLogHandler v2 / RecordChangeHandler	CS00227880
180843	Attachmentgenerator: lookup objects filtering on wrong objecttype	
181368	XML Generator: Partial document handler	CS00227512
181529	Notification editor not loading in	

The following issues are resolved in the build 20.0.95304.0

ID	Title	Support Case
179648	Adding retry option when a recordset cannot be retrieved	CS00227512
179670	Invalid date during import: ParseDate function (re-)introduced	
179761	JSONtoXML: Json keys with spaces could not be imported	CS00227616
179921	Importing configurations with mappings resulted in invalid base64 error message	CS00227664

The following issues are resolved in the build 20.0.94330.0

ID	Title	Support Case
176298	Check configuration should throw warning when In case of any Obsolete fields in connection document	

The following issues are resolved in the build 20.0.93221.0

ID	Title	Support Case
173307	RecordChangeEvent performance improvements	CS00226518
173025	NavVariant not initialised error while validating an option/enum field	
175210	Webservice endpoint key can only be transferred to the headermapper once	
175167	Mapper parsed non-expression lines	
170815	Recordchange details list now shows which entries are linked to a message	CS00225120
174672	XML Generator missing mandatory table nodes results in xml schema error	
173531	Node policies not refreshed when a document has been redesigned	

The following issues are resolved in the build 20.0.92022.0

ID	Title	Support Case
172811	Mapper import is not supporting expressions containing non-XML characters (e.g. hex 0x15).	
172905	Configuration packages fully language independent.	
173198	Issue Headermapper..	CS00226446
173317	Web service event is not initializing during import.	
173490	Fields aren't validated in document config check.	
173604	XCalcDate function always calculates date based on today.	CS00226636
172444	Parse error fixed in SaaS mapper when using Metadata() expressions	CS00226767
170635	Missing or incorrect documentation updated	

The following issues are resolved in the build 20.0.90897.0

ID	Title	Support Case
169068	xmltohtml translator: output encoding not set.	
171529	RecordChangeEvent: Process Changes Separately may generate multiple messages for the same record.	
171572	Check document configuration: attributes can be set as parent node.	
172405	Advanced Regex doesn't work anymore on AzureFileReader.	
171376	Document relation on flowfields might be unstable.	
171099	XmlToText right alignment may result in a runtime error.	
172755	Reading a file on Azure Fileshare raises an error	CS00226412

The following issues are resolved in the build 19.0.89623.0

ID	Title
169057	Texttoxml translator marks element as csv instead of text.
169783	XML schemavalidator on SaaS doesn't throw an error when a mandatory childnode is missing.
169795	The splitter import should be able to import the configuration without a reference to the document.
169769	The timer import should be able to import the configuration without a reference to the document.
169799	Document Relation import should be able to import the configuration without a reference to the document.

169803	The xml generator import should be able to import the configuration without a reference to the document.
169804	XmltoCSV translator does not work when the document has 1 rootnode/block.
169839	AZFilewriter does not error out when a file already exists when overwrite is set to false.
169895	AZFilewriter does not write original file is used.
170166	AZfilewriter error max 4MiB limit
170638	Missing permissions on table BIS ChangeLogFilter.
170585	AZFile endpoints do not support (sub) folders with spaces in their names
170946	Cannot enter Export connector in document.

The following issues are resolved in the build 19.0.88562.0

ID	Title
168598	Record not open error when linked fields are set on the root node table.
169055	TexttoXml translator has incorrect title in BIS.
169136	Jobqueue description for specific events and endpoints do not contain a reference to their connection.
169329	Separate job queue entries not updating their state on publish/design action.
169330	Timer event document required when it should be optional
169366	Import of xmlschemavalidator failed with document no error
169739	Azure file writer upload issue

The following issues are resolved in the build 19.0.87349.0

ID	Title
65960	XML Generator Document option in ribbon allows document lines without document
167004	Metadata subpage remains visible in ExpressionWizard
166846	Operations incorrectly marked as unary
166393	Expressions: function calls with the last argument as a constant may loose their closing bracket

The following issues are resolved in the build 19.0.86137.0

ID	Title
166058	http response actions upgrade code missing
165804	Moved basic functions from Anywhere to BIS
164079	CS00223800 Not create a processed message entry when an API has no response
164649	CS00224035 400 Bad Request with special character in address
166057	License lines may be marked incorrectly invalid when running on a non en-us locale
165398	License retrieval via API is missing standard permissions
165194	TI Common getproductlines not filtering on Key

The following issues are resolved in the build 19.0.84843.0

ID	Title
162285	Scheduler Activity does not export/import setup
163953	Node Name cannot begin with the '4' character, hexadecimal value 0x34

163954	HTTP code 429: Too many requests
164154	XML safe values not decoded before passing the value to functions
164699	CS00224016 convert a date to the format CCYMMDD for customer Vetipak
163656	CS00223715 SC-41699-J6W9 Workflow Management Triggers while not activated
164367	Templates of subscriptions in Replication Management saved as publications

The following issues are resolved in the build 19.0.83466.0

ID	Title
162810	Support for BigInteger, Guid and other simple types added in Expression Interface
161921	BISTxmlToJsonTranslator:Tests Not executed in BIS On Premise
162255	Runobject configuration test fails with codeunit correctly configured
162812	Webservice event tests not running in SaaS
162820	Updated AL Codeunit conversion user experience

The following issues are resolved in the build 19.0.82388.0

ID	Title
159674	Webservice Endpoint: Connection processed when response message contains error
160227	Webservice Endpoint: Bodywrapping check severity downgraded from error to warning
160897	Webservice Endpoint: Error when exporting or importing multiple entries: "Sorry, we just updated this page..."
160929	Headers not reset when resetting message
161698	XmlToXml Translator templates not aligned with template initialisation

The following issues are resolved in the build 19.0.81349.0

ID	Title
160227	Webservice Endpoint bodywrapping: downgrade error to warning
160196	Renamed elements cannot be used with the header mapper
160198	WebserviceEndpoint: removing mappings from headermapper
159674	Webservice Endpoint fails on response content, not on httpresponsecode
158872	Conversion of Text to DateTime has incorrect time values with ISO-8601 (UTC) formatted values

The following issues are resolved in the build 19.0.80124.0

ID	Title
155487	CS00222613 Bug in Codeunit 11070003 TIC Conversion Functions
158972	CS00222855 ANY framework - UserID field length too short

The following issues are resolved in the build 19.0.78695.0

ID	Title
154576	XML Generator skipped empty mandatory nodes instead of non-mandatory nodes
154650	Retrieving headers from a processed message fails with error record not open

The following issues are resolved in the build 19.0.76993.0

ID	Title
151267	XmlToXmlTranslator CheckSetup fails

The following issues are resolved in the build 19.0.75520.0

ID	Title
146044	Templates not working on XMLTOXMLTranslator

The following issues are resolved in the build 19.0.74634.0

ID	Title
146470	Update failed on Permission updates
146503	Root element could be indented
145984	AZ Filewriter overwrite fails when a file doesn't exist

The following issues are resolved in the build 19.0.73346.0

ID	Title
145732	Description of Selectstr in functionlist2 is incorrect.
145672	Document Export: Schema filename
145546	Recordgenerator Xpath error
145731	Headermapper not parsing Expressions
145833	Expressions on Attributes not parsed

The following issues are resolved in the build 19.0.71656.0

ID	Title
143584	BISFunctionLibrary (11070206, List) does not have refresh button
143572	Azurefilewriter doesn't report failed write as error

The following issues are resolved in the build 19.0.70520.0

ID	Title
143263	Permissionsets not enabled correct on BIS/ANY
142401	CS00212179 splitter does not work well

The following issues are resolved in the build 19.0.69246.0

ID	Title
141083	TableFilter2View function formatted options with space affixes incorrect
140815	WriteTableTempHandler was missing form BIS API Internal Document
140754	Elements without settings were skipped during import
140195	Not all settings were exported on the Event Generator Element

The following issues are resolved in the build 19.0.67788.0

ID	Title
138678	Change log monitoring inaccessible tables

The following issues are resolved in the build 19.0.66050.0

ID	Title
134235	Job queue category code on elements scenarios
134930	Header mapper expressions could not be modified
134950	Unsupported reports in notification configurations

The following issues are resolved with build 19.0.64713.0

ID	Title
115391	Connection group page would trigger a rename on connections when selecting records.
131128	Upgrade procedure error when upgrading elements with deleted setup table.

3.2 Known issues

4. Upgrading

The following page explains how to upgrade in BIS on Business Central On Premise versions:

https://business-central.to-increase.com/md/en-US/sc_updateBIS.md

5. Granule List

To-Increase **Business Integration Solutions** and its products consists of the granules listed below. These granules must be listed in the **Microsoft Dynamics 365 Business Central on premises** – and **Microsoft Dynamics 365 Business Central on premises subscription** licenses.

Product	Granule	Name
TI-Common		
N108*	11.068.690	TI-Common
BIS – Connectivity Studio		
N111*	11.068.710	Connectivity Studio Standard (5 Connections)
N111-P	11.068.860	Professional Edition (15 Connections)
N111-E	11.068.870	Enterprise Edition (30 Connections)
N111-U	11.068.880	Unlimited Edition (unlimited Connections)
BIS – EDI Studio		
N128*	11.068.750	Document Exchange & EDI Standard (5 Connections)
N128-P	11.068.910	Professional Edition (15 Connections)
N128-E	11.068.920	Enterprise Edition (30 Connections)
N128-U	11.068.930	Unlimited Edition (unlimited Connections)
BIS – Replication Management		
N130*	11.068.760	Replication Management Standard (5 Subscribers)
N130-P	11.068.940	Professional Edition (15 Subscribers)
N130-E	11.068.950	Enterprise Edition (30 Subscribers)
N130-U	11.068.960	Unlimited Edition (Unlimited Subscribers)
BIS – Notification Management		
N116*	11.032.070	Notification Management

*These granules are mandatory per product, the other granules are optional and only required when additional messages are needed.

In on-premises deployments licensing is based on granules while cloud-based (SAAS) deployments make functionality available through application areas. To be able to maintain the On Premise and SaaS versions for the products, separate apps are available for the different Business Integration Solutions