Infor Business Vault Release Notes

Version 11.3.2

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About this guide

This guide provides information about enhancements to Infor Business Vault version 11.3.2, Standard and Enterprise Editions.

The Business Vault application provides features to store data in a data repository and to map data from the repository into relational data stores for reporting and analytics.

Infor Business Vault Enterprise Edition provides analytic modeling features to define multi-dimensional cubes, dimensions, and hierarchies. The models are published to analysis applications and target databases.

To install Infor Business Vault, Standard and Enterprise Editions, version 11.3.2, see the *Infor Business Vault Installation Guide.*

Intended audience

This document is intended for Business Vault users and administrators.

Related documents

You can find these documents in the product documentation section of the Infor Xtreme Support portal:

- *Infor Business Vault Installation Guide*
- *Infor Business Vault Sizing Guide*
- *Infor Business Vault Administration Guide*
- *Infor Business Vault Analytic Modeling User Guide*

Contacting Infor

If you have questions about Infor products, go to the Infor Xtreme Support portal at www.infor.com/inforxtreme.

If we update this document after the product release, we will post the new version on this Web site. We recommend that you check this Web site periodically for updated documentation.

If you have comments about Infor documentation, contact documentation@infor.com.

Chapter 1 Infor Business Vault Product Overview

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The Business Vault includes these key features:

Data Store Management

You can use the Business Vault to route Business Object Document (BOD) messages to the Raw Data Vault (RDV). The RDV is a repository that contains all versions of new and modified documents. The documents are routed through Infor ION into the RDV. To process BODs into the repository, you must setup a Business Vault connection point with ION document flows in Infor ION. The Raw Data Vault contains all variations of BOD messages.

You can use the Business Vault to extract and map content from the BODs in the Raw Data Vault to fill purpose-built relational databases, or data stores.

You can use the document trace and monitoring functions to track and troubleshoot BOD processing into the Raw Data Vault. You can use replays to load historic BOD data into a data store. Additionally, you can use replays to populate a new data store or to re-run specific BODs to update a data store. Because the BODs are stored in the Raw Data Vault, no additional processing is required from the source systems that sent the BODs.

You can configure and activate data stores and BOD mappings. Data stores are the relational databases that contain data mapped from the BODs. You can configure custom BOD mappings and import BOD mappings for the Infor Business Vault Base Data Store database. Active data stores process the information from the BODs into the relational databases in real-time, making the data available for operational reports and analysis. Use the document trace and monitoring functions to track and troubleshoot BOD processing into the data stores.

Analytic Modeling

With Infor Business Vault Enterprise Edition, you can use analytic modeling to design cubes, dimensions, and hierarchies. This information is published to an analytics application such as Infor BI OLAP Server for business intelligence use. The analytic modeling features allow you to design level-based hierarchies, manual hierarchies, range-based hierarchies, and rule-based hierarchies. You can design standard dimensions, time dimensions, and preconfigured dimensions. You can incorporate dimensions into multi-dimensional analysis cubes, where you combine dimensions, measures, and facts. You can publish dimensions and cubes to target applications on-demand or on a scheduled basis.

Chapter 2 Enhancements

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Infor Business Vault Standard and Enterprise Editions Version 11.3.2 include these enhancements:

New Infor BI OLAP Server reports

There are new Infor BI OLAP Server reports available to investigate errors and data exceptions. You can continue to use the Business Vault process report to find results using the Infor BI OLAP Server job number and job group name. Data exceptions with element ID or captions (default locale only) can also be viewed.

The new reports replace the Infor BI OLAP Server Software Development Kit (SDK) guide to find job status code descriptions and the ALEAPR log.

The reports are accessed through Infor BI Dashboards.

New options for cube definition fact loading

These new options are available for cube definition fact loading:

- Load Zero Values into the Cube

  You can select this option to publish zero values into the cube. Clear this field if you do not want to publish measure values of zero into the cube. Zero values are omitted from the cube. This provides performance improvements for loading cubes.

- Aggregate Measure Values

  You can select this field for Infor BI OLAP Server to aggregate measure values during cube fact publishing. Clear this field if you do not want Infor BI OLAP Server to aggregate measure values during cube fact publishing. Previously, the fact loads were aggregated automatically. This option is available on the Cubes page.

Dimension and cube fact publishing options

Changes have been made to the Cubes page to accommodate new Infor BI OLAP Server fact load options.

Previously, the Business Vault sequenced dimensions, cubes, and facts for Infor BI OLAP Server to publish one-at-a-time. Publications would result in an error when the first fatal error occurred. The validation options can be used to catch errors before dimensions and cubes are published. Missing and unknown value substitutions are used to prevent invalid fact loads to Infor BI OLAP Server. One fatal error could result in an empty cube.

These cube publication options have been added:

- Log cube fact errors

  You can select this option to log general cube errors and data exception errors.

- Continue a fact load on the first data exception error

  You can select this option to continue validating the cube facts after the first data exception error is found. You can clear this option to stop the cube fact validation when the first data error is found. No additional cube facts are loaded.

- Load valid cube facts if data exception errors occur

  Select this option to load valid cube facts into the cube. Invalid cube facts are omitted.

- Log cube fact missing and unknown value replacements

  Select this option to log data exceptions for cube facts with missing and unknown value replacements. This option logs facts that have missing dimension values. Additionally, this option logs facts in which the dimension value on the fact is unknown to the dimension.

  This option works in conjunction with the missing and unknown values mapped in the definition fact mapping for the cube. Using missing and unknown value replacements ensures that the cube fact is loaded into the cube. This option logs data exceptions, not data errors, because the cube data is loaded into the cube. The missing and unknown values are used as substitute, or replacement values.

These dimension publishing options have been added:

- Log dimension errors

  Select this option to log dimension errors for general cube errors and data exception errors. Clear the option if you do not want to log errors or data exceptions.

- Continue dimension publishing on the first data exception error

  Select this option to continue validating the dimension data after the first data exception error is found. Clear this option to stop the dimension validation when the first data error is found.

Remove analytic modeling views

You can log in with the BVAdmin role and remove analytic modeling database views created by validating and publishing dimensions and cube facts. These views are not used after the validation and publication processes and can be removed. The feature is only available for standard connections, also referred to as source database connections.

Before you remove views, ensure that no validation and publication processes are running, and that you deactivate publication schedules.

Business Vault generated views are no longer displayed in Entity drop-down lists

Database views that are generated by the Business Vault, are no longer displayed in Entity drop-down lists throughout the Business Vault application. For example, views that are generated by the validation and publishing process, are no longer included. Only the entities in the default schema of the database, for the database connection specified, are included.

Run a configuration outside of a preconfigured dimension

You can run a configuration without requiring a preconfigured dimension. This allows you to run a pre-process configuration before cubes and/or dimensions are published.

Database connections changes

These changes have been made to the Database Connections page:

- The BVDatabaseAdmin role is the only security role that can create, edit, and delete database connections.
- The BVDatabaseAdmin role no longer has access to the Models tab.
- The Models tab is limited to the BVAdmin role and is the only security role that can maintain models. The BVAdmin role does not have access to into database connection definitions and can only maintain models and view the database type. The BVAdmin cannot view database connection information such as the host name, database name, port, and user credentials.

New page for viewing noun metadata

A new Noun Metadata page is available to view processed noun metadata details when troubleshooting failed BODs. You can view noun metadata information such as noun name, type, version, and XPaths.

Chapter 3 Resolved Issues

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These issues are resolved in Infor Business Vault 11.3.2:

Component	Key	Description
Analytic Modeling	IBV-5078	On the Cubes page, if the bracket character, [, is included in the cube display name when published, a 404 error is not displayed. The error occurs in Infor BI OLAP Server with an error of 197.
General	IBV-5406	When shredding BODs into data stores, the Business Vault was automatically storing temp files created by the Raw Data Vault and the BOD mappings in a temp directory. This has been resolved.

Chapter 4 Known Issues

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Data Store Management

Datetimeoffset

Datetimeoffset is a column type available in column mappings. If this column type is used, the Business Vault is ignoring the offset for these column mappings.

For more information, go to the Infor Xtreme Support portal at www.infor.com/inforxtreme and search for Knowledge Base 1547636.

Maximum variation table SQL script error

On the Data Stores and BOD Mappings page, if the Highest Variation Only for a column mapping is not selected and the Maximum Variation Table is selected with a designated maximum variation table, the database script that is generated by the Business Vault to create the tables and columns generates an error in Microsoft SQL Server.

Highest Variation Only and Maximum Variation Table options

On the Data Stores and BOD Mappings page, the Highest Variation Table option and the Maximum Variation Table option are mutually-exclusive. A table may be designated as one or the other, not both. The page is updated to allow either option to be selected.

Purge history may result in inaccurate replay status on the Replays Monitor page

The Replays Monitor page's replay status may not be accurate if you purged error history using the `bv.purge.properties` file. The results are inaccurate if you specify date and time filters or a filter for BOD type.

Maximizing screen size for Replays page results in filters becoming distorted

Using Google Chrome, if you expand the Replays list from small to maximum screen size, the filters become distorted.

Replay is not picking up all the BODs if the server is shut down

If you run a replay and shut down the Microsoft SQL Server service, the replay does not process all of the BODs and replay them successfully. The replay maintains a status of **Running with Error** and the counts are not accurate.

Replay confirmation counts are inaccurate if there is a disruption in service/

The counts on the replay confirmation dialog may be inaccurate when you run a replay. This only occurs if there was a disruption in the database server during execution of the replay. The extract of the BOD into the data store will complete correctly but the counts may be inaccurate.

File uploads are stored in temporary directories in Business Vault installation folders

The Business Vault is storing all file uploads (BOD XML, BOD Mapping Microsoft Excel spreadsheets, analytic modeling imports) into temporary directories within the Business Vault installation folders. You can manually delete the files.

Business Vault document flow and connection point template will not work with Infor Xi Platform 12.0

In Infor Xi Platform 12.0, you cannot import the document flow and connection point template provided in the Business Vault installation. You must add the BODs to the connection points manually. The template cannot be used.

Analytic Modelling

Clicking too quickly on analytic modeling definitions results in incorrect rendering of the user interface

If you click too quickly on an analytic modeling definition, the results are rendered incorrectly in the user interface.

Error on the Time Dimensions page

If you move an attribute from the Selected to the Available grid, then all of the values are cleared out in the Available grid. You must refresh the page and re-select the attribute.

Duplicating a dimension definition does not copy over attribute sorting

When you duplicate a dimension definition, the attribute sorting specified is not copied for the new duplicated dimension.

Duplicating a publication definition and changing cube selection freezes in Google Chrome

If you duplicate a publication definition and change the cube selection, the screen is frozen if are using Google Chrome as the web browser. Use another browser such as FireFox or Internet Explorer.

Localized dimension display names are not published for preconfigured dimensions unless the extended properties with translations is included in the configuration

The imported translations for dimension display names for preconfigured dimensions are not getting published in the extended properties. The workaround is to include the extended properties with translations in the Configuration XML and the translated captions will be published.