Data360 DQ+

Release Notes

8.2

Table of contents

1. Latest release - 8.2

This document describes the enhancements and modifications included in the latest release of Data360 DQ+, and highlights any changes that may affect your current implementation.

For information on previous releases, and for end user and administration topics, please see the integrated product help. You can access the help by clicking the Help icon in the corner of the screen:

> **Note:** This release applies to both cloud and enterprise editions of the product.

1.1 What's new

Automatic Cross view filtering on fields with same name

It is now possible to apply a filter to the dashlets that has a field by the same name with the same type across sources. By default, and for all existing dashboards, this setting will be unchecked.

For more information, see the "Customizing a dashboard" topic in the product help.

AWS Implementation for Kubernetes

Added support for running the app server in Kubernetes i.e whenData360 DQ+ is deployed to Kubernetes a Tomcat application server is initiated on each Kubernetes node and deploys Data360 DQ+ application into each of them. Data360 DQ+ is then connected to the Postgres database, S3 etc running outside of Kubernetes cluster.

Big Data Warehouse Cost Avoidance

Added the ability to disable Redshift , Synapse, and Vertica from being used as the data store for data views.

Added new 'Low Volume' option in storage type for data view

A Low volume data view is backed by the standard Postgres database (the one used for case stores, for example). Switching a data view storage type to Low Volume from High or Regular performance incurs a migration process upon save that moves the data from Redshift/Vertica/Synapse to Postgres and vice-versa.

S3 bucket access via STS Assume Role call

Data360 DQ+ is enabled with S3 cross account bucket access via STS Assume Role call. This configuration returns a set of temporary security credentials that can be used to access AWS resources. These temporary credentials consist of an access key ID, a secret access key, and a security token. AssumeRole allows cross-account access.

S3 bucket access in different regions

Enhanced Data Stores for external S3 data to be able to access S3 buckets in different AWS regions.

Ability to customize Home screen Resources Section

It is now possible to manage the resource section on theData360 DQ+ home page. There is also an option to publish your own content and training material within Data360 DQ+ homepage.

For more information, see the "Setting Home Page Resources" topic in the product help.

Larger box to edit SQL statements on Data Stores

Data360 DQ+ has option to edit the SQL statements in database data stores using SQL editor.

Copy and Paste Functionality in Process Model

Copy and Paste functionality has been implemented in all the Process Model nodes such as external stage event, Stage Intermediate Event, Execute Stage/ Process Task, etc. This functionality works similar to how copy and paste works in the Analysis Chain.

Other Changes

- Updated spring framework and spring-security components to 5.3.22 and 5.7.3 respectively.

- Added search field in analysis and process model to filter the available nodes for selection.

- Added rate limiter to prevent password reset from being called too often.

- Allow admin to change internal user's authentication type to OIDC or SAML in addition to AUTH0 in the Users screen.

1.2 Corrected issues

Issue Summary	Issue Number
Increased the maximum expression length from 500 to 1500 in consistency, completeness, regular expression and general expression checks of Rule Library.	ISX-11365
Added backupservernode parameter in Vertica jdbc url. This is parameter is used to failover to secondary Vertica nodes if master Vertica node is down.	ISX-11161
Fixed an error where DQ+ Expression errors were not visible until the expression window was closed	ISX-11361
Fixed caching issue where data store queries were not picking up the latest data.	ISX-11289
Fixed an issue to prevent deletion of rule group or rule if it is being used in analysis or data store.	ISX-11213
Show Current Filters menu item on dashlet has been renamed to Show Current Dashboard Filters.	ISX-11369
Fixed an unexpected error that appears in dashboard when filter dashlet is copied from one sheet to another sheet using a different data source.	ISX-11368
Fixed an error when copy-and-paste collapsible group dashlet involving different data sources.	ISX-11364
Fixed an error that happens occasionally when using the back button in browser after switching environment in view or edit screen of dashboard.	ISX-11150
Added validation of supported image file types when embedding image in noticeboard content.	ISX-11173
Prevented profile fields with invalid field categories from being saved in the system.	ISX-11301
Fixed incorrect time zone being used for displaying time series data values.	ISX-11214
Fixed bad URL link in email sent out for comment update.	ISX-11227
Fixed an error in mutation API updateTenantInfo() when retentionSchedule is not provided. Also allow tenant domain to be used as the tenantId in the tenantInfo() query API.	ISX-11178

Issue Summary	Issue Number
Fixed x-axis display issue in bar chart when there's only one data point.	ISX-11284
Fixed an issue where the UI may not be displaying the correct information for the "Mapped Groups", "Mapped Admin Groups", or "Initial Group Assignment" in the Users Settings dialog if these values are updated using API with certain values.	ISX-11278
Fixed broken function help links due to CSP violations.	ISX-11215
Fixed occasional errors that appear when more than one stage is being used in dashboard.	ISX-11235
Fixed display issues of the favorites or recently updated menu items in the top toolbar when the paths are long.	ISX-11234
Changed GraphQL APIs /tenantInfo and /updateTenantInfo end points to use TeantPreference instead of UserPreference.	ISX-11125
Introduced security enhancements to prevent HTML injection in emails.	ISX-11141
Fixed an issue where date fields are having time-related values when data are processed in analysis.	ISX-11384
Fixed an issue of not able to save the data view for enterprise deployment if Big Data is not configured.	ISX-11399
Fixed an issue where internal users are still able to login using username/password after the application is switched to use SSO authentication.	ISX-11391
The email used by the users for registration or authentication is now case insensitive. Because of this change, the system will disallow adding users with the same email with different letter cases.	ISX-11142
Fixed ordering issue of arguments in Sqoop In/Out analysis nodes.	ISX-10130
Fixed the color issue of the header check box in data grid, and the layout issue of the Edit Data Quality Check dialog in analysis.	ISX-11413
Fixed an issue where dashboard UI might be unresponsive under certain circumstances.	ISX-11409
Fixed an error in database data store where the "nullable" setting for a field is incorrect after it has been removed as identity field.	ISX-11444

Issue Summary	Issue Number
Added validation to createDataView() and updateDataView() GraphQL APIs to make sure primary data store name is specified in the data view definition.	ISX-11439
Improved performance of retention processing for internal data stores which contain many part files (e.g. about 100 for each execution) and with retention period set long enough so that the total number of files is in the tens of thousands. Also, improved viewing of this data store listing these files.	ISX-11451
Fixed error in pipeline tree if a node is selected together with one of its child nodes for export.	ISX-11432
Fixed an issue of not able to cancel out of the "Unsaved Changes" dialog when adding a new computed field in data view.	ISX-11438
Fixed color issues in dashboard's filter fields and data grids.	ISX-11336
Fixed layout and cosmetic issues in the Analysis Settings dialog.	ISX-11466
Fixed execution error in Analysis edit mode involving Union node with empty input data.	ISX-11457
Fixed an issue to preserve 3 output fields in REST API node as input fields into subsequent REST API node during node saves.	ISX-11452
Fixed an issue where rollback command asynchronously so UI stays responsive.	ISX-11470
Fixed broken URL links in the following areas: Community link at home page, Support link in About dialog, and the Spectrum OnDemand tab in the Environments screen.	ISX-11553
Fixed date value issues after upgrading to 8.2.	ISX-11515
Fixed error deleting pipeline when the Incoming pipeline is present.	ISX-11513
Fixed the issue where application users should be excluded from the update when the authentication type of a tenant is changed during deployment.	ISX-11493
Fixed the issue of drop-down used by Environment Groups in the environment screen not usable when scrolling is involved.	ISX-11492
Made process model, analysis, data store, case store or data view execution status monitoring more resilient to loss of database connection.	ISX-11474
Fixed broken function help links due to CSP violations.	ISX-11215

2. Contact us

If you encounter any technical issues, we recommend that you visit the support portal at support.precisely.com.

Community

Our product is constantly evolving and input from you is highly valued. If you have any suggestions, please contact the product team by submitting a feature request on the Community.

Notices

Copyright 2016, 2022 Precisely.

Trademarks

Document ID: DQ-RN-8.2

Date of issue: Wednesday, November 23, 2022