Cloudera Data Visualization 8.0.0

Release Notes

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Contents

What's new in Cloudera Data Visualization?

This section provides details on the new features and major updates introduced in the recent versions of Cloudera Data Visualization. Explore how these changes can improve functionality and usability in your workflows.

What's new in Cloudera Data Visualization 8.0.0

Cloudera Data Visualization 8.0.0 was released on January 31, 2025 introducing the following changes.

New features and improvements

VIZ-2730, VIZ-2987, VIZ-3016, VIZ-3053, VIZ-3061, VIZ-3087 – AI visual now Generally Available

> You can ask questions about your data using voice or text and receive query results, filtering, and additional context directly in the dashboard. It now features streaming support for faster responses, targeted parameter passing, and built-in support for more AI model sources. For more information, see AI visual.

VIZ-902, VIZ-2378, VIZ-3009, VIZ-3010, VIZ-3096, VIZ-3104, VIZ-3105, VIZ-3110 – New data connections in Technical Preview

> Cloudera Data Visualization now includes Trino and Phoenix data connections in Technical Preview. You can upload data, run queries, and visualize results using these new integrations. For more information, see Connecting to a data source in Cloudera Data Visualization.

VIZ-2198, VIZ-2263, VIZ-3043, VIZ-3062, VIZ-3074 – Email job improvements

> Email jobs have been improved for greater stability during high-latency periods. A new error message now appears in the Send Email modal when the attachment row limit exceeds the application's allowed threshold. Additionally, CSV/Excel downloads have been improved for better reliability.

VIZ-2887, VIZ-2934, VIZ-2965, VIZ-2977 – Filter enhancements

> Filters have been improved with faster search, optimized queries, and a more intuitive interface.

VIZ-2921 – User-dependent cache for impersonation

> A new user-dependent cache setting is now available in the Data Connection modal when impersonation is enabled. If activated, it appends the username of the logged in-user to the cache, ensuring that different results are displayed per user based on Ranger policies. For more information, see Enabling impersonation and user dependent-cache for a data connection.

VIZ-2984 – Cloudera Data Visualization runtime deprecation in Cloudera Data Science Workbench

> With the release of Cloudera Data Visualization 8.0.0, the Cloudera Data Visualization application runtime is no longer supported in Cloudera Data Science Workbench. Applications using a Cloudera Data Visualization 8.0.0 runtime will fail to launch in Cloudera Data Science Workbench. Attempting to upgrade an existing Cloudera Data Visualization application running in any Cloudera Data Science Workbench version to the 8.0.0 version of Cloudera Data Visualization may lead to database connection issues, data integrity problems, or unexpected behavior in Cloudera Data Visualization features.

Fixed issues

VIZ-3052, VIZ-3077, VIZ-3078

> Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.9.

VIZ-3095

> Data import to PostgreSQL data connections should now work as expected.

VIZ-2825

> All datetime logged by the application are now set to UTC by default.

VIZ-3054

> Users are now warned if they attempt to leave the **Site Settings** page with unsaved changes.

Previous releases

This section provides an overview of the new features, enhancements, and changes introduced in previous versions of Cloudera Data Visualization.

What's new in Cloudera Data Visualization 7.2.9

Cloudera Data Visualization 7.2.9 was released on December 18, 2024 introducing the following changes.

New features and improvements

VIZ-2917

> The sample application is now shown on the HOME and VISUALS pages as part of 'Samples'.

VIZ-2946, VIZ-3017, VIZ-3038

> AI visual (Technical Preview) improvements including support for authenticated Cloudera AI models, new functionality to test models, and enhanced logging and visibility of the AI terms and conditions when enabling the AI visual.

Fixed issues

VIZ-2650, VIZ-2717, VIZ-2805, VIZ-3019, VIZ-3035, VIZ-3020, VIZ-3024, VIZ-3025, VIZ-3026, VIZ-3027, VIZ-3030

> Various security and performance enhancements.

VIZ-2754

> The 'Everyone' option is now available under Groups in the Add Workspace and Edit Workspace modals.

VIZ-2972

> Improved CSV/Excel download at scale.

VIZ-2944

> Improved log history for data extract jobs.

VIZ-3006

> Constraints now prevent duplicate private workspaces.

VIZ-3042

> Improved partitioned data extract creation to better handle when partitions are dropped.

What's new in Cloudera Data Visualization 7.2.8

Cloudera Data Visualization 7.2.8 was released on October 30, 2024 introducing the following changes.

New features and improvements

VIZ-825

You can analyze and summarize data characteristics in a dataset with the new Data Profiling feature. This tool helps you to understand data quality, structure, and identify patterns and trends for more informed decision making. For more information, see Working with data profiling.

VIZ-2585, VIZ-2842

UI and performance improvements for Activity Log and Historical Log tables.

VIZ-2782, VIZ-2915

Clone and Delete actions are now available from the Dataset Detail page for users with appropriate permissions.

VIZ-2801

Discontinued support for older versions of several external database metastores to ensure compatibility with the latest security, performance, and feature updates introduced in Django 4.2.

Affected database versions:

- PostgreSQL 11 and lower
- MariaDB 10.3 and lower
- MySQL 5.7 and lower
- Oracle Database Server versions lower than 19c
- SQLite versions lower than 3.21.0

Users running any of the above database versions will need to upgrade their external database metastores to maintain full functionality with Cloudera Data Visualization.

Supported database versions:

- PostgreSQL 12+
- MariaDB 10.4+
- MySQL 8+
- Oracle Database Server 19c+
- SQLite 3.21.0+

To ensure compatibility and full feature support, upgrade to one of the supported database versions. Failure to upgrade to a supported version may lead to database connection issues, data integrity risks, or unexpected behavior in Cloudera Data Visualization features.

VIZ-2804

Added an option to create a new schedule interval in the Edit Job modal.

VIZ-2808, VIZ-2941

Introduced two new visual settings for histogram visuals. You can now set minimum and maximum values under Settings Basic , and separate columns using the checkbox available under Settings Marks .

Fixed issues
VIZ-987

Fixed an issue where generation of new thumbnails while importing visual artifacts failed with an error message.

VIZ-2324

Removed the Explore visuals icon from the Dashboard Builder when the setting is disabled.

VIZ-2720, VIZ-2784, VIZ-2916

Additional performance and security improvements.

VIZ-2819, VIZ-2897, VIZ-2898, VIZ-2899, VIZ-2900, VIZ-2901, VIZ-2903, VIZ-2904, VIZ-2905

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.7.

VIZ-2869, VIZ-2923

Fixed an issue where dashboards with large numbers of visuals and filters would freeze when switching sheets.

VIZ-2870

Filters with app-level filter visibility now work as expected when cloning and importing visual artifacts.

VIZ-2871

Partitioned data extract refresh now works as expected with Impala tables running in Cloudera Base on premises 7.1.9.

VIZ-2880, VIZ-2945

Fixed an issue where CSV/Excel content downloads occasionally saved the HTML version of the page content instead of the requested data.

VIZ-2889

You can no longer reuse an existing data connection name when creating a new connection. When cloning a data connection, the system will automatically append a version number (for example: "_1") to the name of the new connection. This update resolves an issue where duplicate data connection names previously caused conflicts during visual artifact imports.

VIZ-2919

Searching within a filter now properly limits results based on columns specified as filter fields in the Filter Settings.

VIZ-2925, VIZ-2962

Visual artifact import and export for artifacts containing segments now work as expected.

What's new in Cloudera Data Visualization 7.2.7

Cloudera Data Visualization 7.2.7 was released on September 30, 2024 introducing the following changes.

New features and improvements
VIZ-1090, VIZ-2758, VIZ-2803, VIZ-2812

The Schedule Jobs and Runs tabs have been updated with improved viewing and filtering capabilities for job logs.

VIZ-2813

You can now set values of less than a full day for the following Site Settings:

- Site Configuration > Notification maximum retention and Maximum days for expiring usage data
- Debugging and Logs > Check Interval and Maximum Retention Days
- Version Control > Unnamed Dataset Version Deletion Interval and Unnamed Dataset Version Maximum Retention Days

VIZ-2821

Search functionality has been added to the Manage Roles page to locate specific roles.

VIZ-2846

Support has bee added for header and content alignment, along with column auto-sizing in the cross tab visual.

VIZ-2865, VIZ-2866

Improvements have been implemented for Daily Usage and Activity Log field summaries.

Fixed issues
VIZ-1074

Creating a new schedule interval with the same name as a previously deleted schedule interval now works as expected.

VIZ-2006

Field conversion now functions properly for MySQL data connections.

VIZ-2499

Datasets from SQL queries can now be created even if a query ends with a semicolon.

VIZ-2737

Linked visuals no longer appear twice in the Delete Dataset modal.

VIZ-2759

Paragraph styles in the rich text visual are now responsive.

VIZ-2787, VIZ-2841, VIZ-2844, VIZ-2858

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.6.

VIZ-2829

For Cloudera Data Visualization applications running in the Cloudera Machine Learning Private Cloud Data Service, application initialization now continues even if the data connection syncing fails.

VIZ-2837, VIZ-2857

Other security and performance improvements.

VIZ-2840

Extract references are no longer shown on hover when viewing a dashboard's information card. Extract details can be found on the Data tab or when viewing the dataset directly.

VIZ-2868

Cloudera Data Visualization instances backed by PostgreSQL metadata can now be seamlessly upgraded from 7.2.5 to later versions.

What's new in Cloudera Data Visualization 7.2.6

Cloudera Data Visualization 7.2.6 was released on September 2, 2024 introducing the following changes.

New features and improvements
VIZ-2644 – Support for multiple completion and embedding models

Added support for saving multiple completion and embedding models within AI Settings [Technical Preview]. For more information on saving AI Engine profiles, see Managing AI settings.

VIZ-2490, VIZ-2789 – Dataset versioning

Added support for dataset versioning [Technical Preview]. Using dataset versioning allows you to manage different versions of your datasets, which is especially useful when handling frequent updates or iterative changes. Versioning helps you to track changes and roll back to an earlier version if an error is introduced or an earlier version is preferred, ensuring data consistency and reliability. It also adds a layer of security and control, ensuring that data integrity is maintained even

as datasets evolve. See Managing version control site settings and Tracking dataset versions for more information.

VIZ-2746, VIZ-2748 – Sentry group visibility in role management

Sentry Groups now appear when editing membership of a role from the Role Details page. Membership for roles imported from Sentry cannot be changed on this page and must be managed through the Sentry system.

VIZ-2662, VIZ-2663 – Updated icons

The icons for Exploring Visual Options and the AI Visual in the Visual Type Catalog have been updated.

VIZ-2739 – Improved column alignment in CSV files

Column alignment in CSV files attached to emails now mirrors that of downloaded CSV files.

Fixed issues

VIZ-1632, VIZ-2035, VIZ-2648, VIZ-2649, VIZ-2684, VIZ-2732, VIZ-2767, VIZ-2793, VIZ-2795, VIZ-2796

Implemented various security, performance, and user experience improvements across Cloudera Data Visualization.

VIZ-2151, VIZ-2152, VIZ-2731, VIZ-2749

Implemented fixes and improvements for Solr data connections [Technical Preview].

VIZ-2172

Kerberos login error messages are now properly surfaced when they occur.

VIZ-2429

Fixed an issue where the date range selector could become unresponsive when entering a custom range selection.

VIZ-2643, VIZ-2724, VIZ-2735, VIZ-2750, VIZ-2752, VIZ-2777

Implemented fixes and improvements for the recently redesigned Manage Users and Groups and Job Details interfaces.

VIZ-2738, VIZ-2765, VIZ-2771, VIZ-2772, VIZ-2773, VIZ-2791

Fixed critical and high-severity package vulnerability issues identified in Cloudera Data Visualization 7.2.5.

What's new in Cloudera Data Visualization 7.2.5

Cloudera Data Visualization 7.2.5 was released on June 28, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.5

VIZ-2678, VIZ-2685, VIZ-2688, VIZ-2705

UI and performance improvements for the Manage Roles and Role Detail interfaces.

Fixed issues in Cloudera Data Visualization 7.2.5

VIZ-2267

Fixed an issue where certain users without the Manage Custom Styles privilege were incorrectly able to clone and modify Rich Text Visuals.

VIZ-2557, VIZ-2638, VIZ-2639, VIZ-2641, VIZ-2672

Bug fixes and improvements for editing email jobs and viewing details of previous job runs.

VIZ-2602 & VIZ-2712

Fixed critical and high package vulnerability issues identified in Cloudera Data Visualization 7.2.4.

VIZ-2671, VIZ-2683, VIZ-2684, VIZ-2689, VIZ-2693, VIZ-2723

Bug fixes and performance improvements for loading, editing and deleting datasets using the Data page.

VIZ-2707

Fixed an issue where editing dataset fields for a newly created Impala column would cause a syntax error unless the dataset was saved after refreshing the table information.

VIZ-2721

Fixed an issue where CSV files sent as email attachments with lines exceeding 1000 characters could be truncated by email servers.

What's new in Cloudera Data Visualization 7.2.4

Cloudera Data Visualization 7.2.4 was released on May 30, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.4

VIZ-1272, VIZ-2673

The SQL editor window is now resizeable when editing a query on the Dataset page or SQL tab.

VIZ-2448

UI improvements for the Dataset deletion modal.

Fixed issues in Cloudera Data Visualization 7.2.4

VIZ-462, VIZ-2668

Bug fixes and UI improvements for the Role Details page.

VIZ-1522, VIZ-2636, VIZ-2637, VIZ-2642, VIZ-2658

Bug fixes and improvements for the Job Details page introduced in Cloudera Data Visualization. 7.2.3.

VIZ-1855

Removed SparkSQL as a data extract source or target connection.

VIZ-2193, VIZ-2621, VIZ-2655, VIZ-2680

Bug fixes and improvements for the Job Status page.

VIZ-2352

Email jobs without associated attachments can now be scheduled and edited as expected.

VIZ-2450

Email configuration with SMTP servers without client authentication or with an unspecified password field now works as expected.

VIZ-2607

Fixed a bug where an error occurred while hovering on legend items in Area visuals.

VIZ-2628, VIZ-2660

Fixed a bug where dashboards that contained references to removed visuals could prevent deletion of datasets.

VIZ-2661

Sorting a table visual with multiple columns now works as expected.

VIZ-2666, VIZ-2667

Fixed critical and high package vulnerability issues identified in Cloudera Data Visualization 7.2.3.

What's new in Data Visualization 7.2.3

Cloudera Data Visualization (CDV) 7.2.3 was released on April 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.3

VIZ-1975, VIZ-2520, VIZ-2540, VIZ-2608, VIZ-2612, VIZ-2625,

> The Job status and management interface has been enhanced with performance improvements and a new More Info option to view job details alongside logs of previous runs.

VIZ-2392

> The Manage Roles Role Details interface has been redesigned for improved user experience and performance. Detailed descriptions of each privilege are now included.

VIZ-2389

> Joins can now be aliased from within the Data Model interface.

Fixed issues in Cloudera Data Visualization 7.2.3

VIZ-1776 & VIZ-2622

> Fixed a bug where SQL Query visuals mistakenly inherited limits from table visuals.

VIZ-1825

> Resolved an issue where Search visuals could become stuck in an infinite loop in Edit mode.

VIZ-2527

> The following changes were implemented for audit logging:
>
> • Extract-related SQL queries are logged with type Data Connection instead of Dashboard.
> • Username and IP address are logged when there is a direct initiator (such as most editing/ viewing actions, ad-hoc email jobs, and data extract runs).
> • IP addresses are not logged for scheduled events such as emails and data extracts. The IP address is localhost (127.0.0.1) for query executions related to snapshot creation.

VIZ-2562

> Fixed a bug where table join expression validation failed in scenarios where at least three tables were joined and one of the tables contained a derived field that referenced a field of another table.

VIZ-2563

> Time axis autobucketing now works as expected when building Bar visuals.

VIZ-2564

> Histogram visuals now use shelf expressions correctly when composing data queries.

VIZ-2580

> Connection explorer is now shown as expected when viewing a Solr data connection from the SQL tab.

VIZ-2586

> Datasets containing only a single table are now correctly typed, even if the dataset previously contained multiple tables.

VIZ-2587

> Join pairs are now updated when updating an existing join using the Data Model page.

VIZ-2596

> Multi-sheet dashboards are now correctly rendered in the Dashboard Builder.

What's new in Data Visualization 7.2.2

Cloudera Data Visualization (CDV) 7.2.2 was released on March 28, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.2

VIZ-2258

> Active Queries Detail now shows username for queued HTTP requests.

VIZ-2285

>Implemented UI improvements for Manage URL Alias page and when generating a new Dashboard URL.

VIZ-2495, VIZ-2522, VIZ-2558, VIZ-2560

>Implemented application-wide performance improvements.

Fixed issues in Cloudera Data Visualization 7.2.2

VIZ-1195

>Fixed a bug where a ghost join to a null table was created if the Edit Join process was abandoned.

VIZ-1212, VIZ-1707, VIZ-2462, VIZ-2548

>Implemented UI improvements and bug fixes on Activity Log page and when showing Query details in-dashboard.

VIZ-1816

>Temporary folders created during thumbnail creation are now removed after Chromium is shut down.

VIZ-2479

>Fixed a bug which prevented deletion of sheets other than the current active sheet.

VIZ-2513, VIZ-2566, VIZ-2567, VIZ-2569

>Fixed critical and high package vulnerability issues identified in CDV 7.2.1.

VIZ-2550

>Viewing data load details from the "This dashboard is still loading data" notification now works as expected.

VIZ-2571

>Fixed a bug where an error could occur when cloning a dataset.

VIZ-2577

>Fixed a bug where some users experienced autofill issues on the Site Settings page.

VIZ-2578

>Data is now properly plotted in X-axis of bar and line visuals for date range field types.

What's new in Data Visualization 7.2.1

Cloudera Data Visualization (CDV) 7.2.1 was released on Febrruary 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.1

VIZ-2344, VIZ-2502

>Popup and inline alerts for warnings and errors have been redesigned application-wide for improved readability, clarity, and accessibility.

VIZ-2482, VIZ-2483, VIZ-2486, VIZ-2491, VIZ-2516

>Implemented application-wide performance improvements.

VIZ-2488, VIZ-2515

>Functionality, UI, and performance improvements have been made to the Artificial Intelligence (AI) Assistant feature. [Technical Preview]

VIZ-2496, VIZ-2538

>Improvements and fixes to the redesigned Visuals page, including the following:

- Shared and Private workspaces are now sorted and these lists can now be collapsed for easier navigation.
- The positions of the Public and Samples workspaces in the workspace list now reflect user permissions.
- Selected reports are now remembered when you switch between workspaces.

VIZ-2506

Dataset fields can now be marked as 'Sensitive' using Dataset Field Editor . Sensitive fields cannot be moved to visual shelves marked as sensitive, such as the 'Embedding Context' shelf of the Artificial Intelligence (AI) Assistant visual [Technical Preview].

Fixed issues in Cloudera Data Visualization 7.2.1

VIZ-1868, VIZ-2498, VIZ-2501

Custom fixed dimensional color ranges have been disabled for combo visuals. Custom color for measure value ranges is only enabled for visuals that support it: scatter, table, map, and heatmap. To use this feature on these visuals, ensure that the Color shelf contains a field with numerical values.

VIZ-2267

Users without Manage Custom Styles privilege are no longer able to clone and modify Rich Text visuals.

VIZ-2328, VIZ-2489

Fixed a bug where enabling visual transitions for Bar visuals with fields on the color shelf resulted in an error.

VIZ-2408, VIZ-2454, VIZ-2348, VIZ-2512, VIZ-2525, VIZ-2526

Fixed critical and high package vulnerability issues identified in CDV 7.2.0.

VIZ-2475

When downloading the result of a query, the desired row limit for the CSV can now be set using the UI as expected.

VIZ-2484

Snapshot browser session lifetime values have been consolidated to align with manually configured snapshot timeouts. Additionally, user authentication errors encountered during snapshot creation are now properly surfaced.

VIZ-2492

Excel email attachment creation for crosstab visuals without data results now works as expected.

VIZ-2493

Fixed an issue where exporting a dashboard from the Visuals page resulted in corrupted JSON.

VIZ-2497

Duplicate visual titles on the same dashboard are now correctly parsed when generating Excel downloads for email jobs.

VIZ-2499

Dataset creation from SQL query now works as expected when the query closes with a semicolon.

VIZ-2519

The 'Show Data' preview in Dataset Data Modal is now limited to 100 rows.

VIZ-2535

Additional controls have been added to Additional System Permissions privilege, ensuring that correct report totals by workspace are presented to those users.

What's new in Data Visualization 7.2.0

Cloudera Data Visualization (CDV) 7.2.0 was released on January 29, 2024 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.2.0
VIZ-2310

New visual type: Artificial Intelligence (AI) Assistant [Technical Preview]

The AI Assistant introduces a natural language interface for interacting with dashboards and datasets. The new visual type is available for SQLite and Solr data connections that contain vectorized column information that you would like to use for creating a Retrieval-Augmented Generation (RAG) chatbot. Data upload is now also available for Solr data connections, with support for vectorized fields in Solr 9.0+. For more information, see the AI Assistant documentation.

VIZ-838

A new system-level privilege option called Additional system privileges has been added. Granting this privilege to a role enables users to perform the following actions:

- Set the homepage for all users
- Clone, delete, or edit dashboards in another user's private workspace
- Perform administrative restart/stop work operations
- Use Trusted Auth Get Ticket to request a ticket from the CDV Server.

For more information, see Additional system privileges in the system-level permissions documentation.

VIZ-843

Administrators or users with Additional system privilege can now easily move dashboards and apps to any workspace, including private ones.

VIZ-945, VIZ-2048, VIZ-2293, VIZ-2308, VIZ-2386, VIZ-2426, VIZ-2463, VIZ-2478

Application-wide performance improvements, including enhancements at application startup, during dashboard editing, and to loading the Data and Job Status interfaces.

VIZ-1424, VIZ-2432

The Visuals page has been redesigned for quicker loading and enhanced usability.

VIZ-1596, VIZ-2480

The Reorder sheet IDs to match positions option has been added to dashboards with multiple sheets. You can use this setting to update sheet numbers if a sheet is moved or deleted. For more information, see Reordering sheet IDs.

VIZ-1903, VIZ-1937

Users can more granularly add aggregation to fields when creating data extracts. It is also possible to specify the same field with different aggregations multiple times in the same data extract.

VIZ-1993, VIZ-2461

Improved logging for errors that occur during data import.

VIZ-2449

Caddy access log format customization is now possible using the ACCESS_LOG_FORMAT environment variable.

VIZ-2468

> Health checking HTTP requests no longer result in a new row being added to the CDV metadata table for Django sessions if the HTTP user agent is identified as one used by a health check procedure.

Fixed issues in Cloudera Data Visualization 7.2.0

VIZ-1194

> Fixed a bug where editing or canceling a second join within an existing dataset's data model could display details of a previously created join.

VIZ-1503

> Canceling a running query from the SQL tab is now explicitly possible using a new 'Cancel' option.

VIZ-1662

> When downloading CSV or Excel files, the queries' results are now saved in the cache.

VIZ-1677

> "Query Timeout" and 'Queue Depth' parameters in the Advanced tab on applicable data connections have now been clarified.

VIZ-1853

> Fixed a bug where filter dropdowns had unexpected overlap if stacked in a dashboard's filter bar.

VIZ-2153

> The 'Add Data' icon is no longer displayed on the Recent Connections homepage tiles for read-only data connections.

VIZ-2277, VIZ-2348, VIZ-2407

> Fixed critical and high package vulnerability issues identified in CDV 7.1.9.

VIZ-2325

> Google Client Key can now be configured in Site Settings as required for Interactive Map visuals.

VIZ-2384

> Fixed a bug where unexpected HTML elements could be included when downloading Query History from a dashboard's profile data modal.

VIZ-2385, VIZ-2383

> SQL Query popups are now shown as expected for all queries within the Show Usage Info and Activity Log tables. Additionally, fixed a bug where the full query text popup could extend outside of the browser viewport for lengthy queries.

VIZ-2423

> Connection syncing options for applications running in CML are now only shown when the underlying CML version permits connection syncing.

VIZ-2427

> Setting a filter pattern using textbox input now works as expected.

VIZ-2442

> Saved and Recent Queries launched from the Home interface are now displayed in the query editor as expected.

VIZ-2457

Fixed a bug where expressions with certain aggregations would return an error when placed on measure shelves during visual creation.

What's new in Data Visualization 7.1.9

Cloudera Data Visualization (CDV) 7.1.9 was released on December 22, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.9
VIZ-1078

Upgraded libraries now permit adding custom Mapbox styles to interactive map visuals.

Fixed issues in Cloudera Data Visualization 7.1.9
VIZ-2388

Improved error handling when an empty User or Admin Group is associated with a Data Visualization instance.

VIZ-2396

Data Visualization sessions are now cleared when User or Admin Groups. associated with the instance are updated from the Cloudera Data Warehouse service.

VIZ-2400

Saving a dashboard no longer generates a snapshotting error related to Pillow libraries.

VIZ-2402

Expected missing environmental variables are now reported with INFO level logging rather than ERROR level.

VIZ-2404

Resolved bugs in the Usage Analytics (Technical Preview) feature.

VIZ-2405

Fixed critical and high package vulnerability issues identified in CDV 7.1.5.

VIZ-2417

Query tracking IDs are now unique across connections to avoid collision on dashboards containing visuals from multiple data sources.

VIZ-2419

Fixed a bug where deleting a visual from an unsaved dashboard could trigger an error message about a non-existent report ID.

VIZ-2425

Resolved an issue where dataset creation on a data connection with connection-level caching could trigger an error message about a non-existent query.

VIZ-2431

Resolved bugs related to moving artifacts between workspaces.

What's new in Data Visualization 7.1.8

Cloudera Data Visualization (CDV) 7.1.8 was released on December 4, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.8
VIZ-1024, VIZ-2290, VIZ-2291, VIZ-2353

Application wide performance improvements, including enhancements for the Visuals and Data tabs.

VIZ-1191

Formatted SQL is now available when inspecting a query from historical and activity logs.

Fixed issues in Cloudera Data Visualization 7.1.8

VIZ-1607

Fixed a bug where the Select All option on a dashboard filter was not updated with a new selection if the parent filter field is changed.

VIZ-1806

Adding a custom color for a measure value range after changing color opacity value now correctly takes into account the selected opacity.

VIZ-2256

Fixed a bug where an error message could appear after selecting the Show Delta checkbox on the Logs and Usage WebServer Stats page.

VIZ-2268, VIZ-2272

Fixed a bug where the Jobs Overview page did not refresh after updating or editing an existing email job.

VIZ-2305

Resolved issue with browser autofill collision when entering data connection username and password.

What's new in Data Visualization 7.1.7

Cloudera Data Visualization (CDV) 7.1.7 was released on October 30, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.7

VIZ-2029, VIZ-2071

New functionalities have been added to the redesigned Notification Center.

- Notifications are automatically marked as read.
- Notifications can be pinned to prevent being cleared.
- Duplicate notifications are stacked to reduce clutter.
- Administrators can mute notifications across the entire application using a new site setting.

For more information, see Notification center.

VIZ-1673, VIZ-1729

Creating or editing a dataset from SQL is now easier with autocompletion and syntax highlighting available in the dataset modal.

VIZ-2238

The default file size limit for static asset upload has been increased to 100 MB. You can configure this limit using the DATA_UPLOAD_MAX_MEMORY_SIZE flag in Site Settings Advanced Settings . Updated limits are now correctly displayed in the UI.

VIZ-2067

The default row upload limit is now shown when importing data using CSV. For performance reasons, it is recommended to upload files of 50 MB or less.

VIZ-1858

Job logs can now be filtered by date range from the Job Status page.

VIZ-2007

When inputting custom colors for measure value ranges, it is now possible to include decimals for increased precision.

VIZ-2250

The ability to generate a custom or shortened URL alias when sharing a dashboard and to manage existing URL aliases is now available to all users by default. The Enable URL Shortener site setting used during the technical preview of the feature has been removed.

VIZ-2292

The number of HTTP worker threads available to the CDV server is now configurable using the HTTP_THREADS environment variable. A higher number of HTTP worker threads improves performance when serving a high number of concurrent requests.

VIZ-2302

Retrieving and changing the log level is now possible using the Admin API.

Fixed issues in Cloudera Data Visualization 7.1.7
VIZ-938, VIZ-1298, VIZ-1317, VIZ-2221, VIZ-2086, VIZ-2203

Several bugs related to filters have been fixed.

- Numeric Range filters now reset as expected.
- Filter parameters passed using URL now override the default or saved values for the filters.
- Forward and back buttons that are available in View mode from the dashboard now advance or undo the filter states as expected.

VIZ-1025

The Edit and Refresh options now consistently appear in the Dashboard Builder for the SQL Queries visual type.

VIZ-2096, VIZ-2215

Performance improvements have been implemented for the Data and the Logs and Usage WebServer Stats pages.

VIZ-2111

Fixed a bug where tooltips on several visual types could display the text Missing instead of the desired field.

VIZ-2113

Fixed a bug which prevented anchoring a custom date range to a desired start date other than the current date.

VIZ-2223

The dashboard deletion confirmation message now appears after the action.

VIZ-2260

A configuration change has been made to allow the correct end-user IPs to be shown in activity logs for CDV applications running in CDSW or CML.

VIZ-2270

Multiple rows of email addresses in the To field when configuring an email job now display as expected.

VIZ-2275

Automatic field renaming during dataset creation now works as expected.

What's new in Data Visualization 7.1.6

Cloudera Data Visualization (CDV) 7.1.6 was released on September 19, 2023 introducing the following changes.

Security fixes and improvements in Cloudera Data Visualization 7.1.6
VIZ-1808, VIZ-2219

Fixed critical and high package vulnerability issues found in CDV 7.1.5.

VIZ-2269

CDW Impala and Hive Warehouse impersonation settings now set properly. Fixed in CDV 7.1.6.2-3.

What's new in Data Visualization 7.1.5

Cloudera Data Visualization (CDV) 7.1.5 was released on August 31, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.5
VIZ-1475

Better visualization for dimensions with mixed negative and positive values on a stacked bar chart is now available.

VIZ-2244

When configuring a data extract, you can now search for a column by name, as well as view the field types and complex data types available.

VIZ-819, VIZ-1695

The Cloudera Data Visualization login page has been updated with a new design, and the currently logged in username is shown when prompting for a password change.

Fixed issues in Cloudera Data Visualization 7.1.5
VIZ-1076, VIZ-1661

The settings options shown in the Dashboard Builder for the Combined Bar/Line (Combo) visual now match the capabilities of the visual.

VIZ-2085

Fixed a bug where Extension visuals caused an error when performing API metadata updates.

VIZ-2104

Fixed a bug where special characters in a visual title resulted in a download file name with the visual title repeated.

VIZ-2126, VIZ-2227, VIZ-2230

Fixed critical and high package vulnerability issues found in CDV 7.1.4.

VIZ-2189

Fixed dropdown behavior for navigation bar on dataset pages.

VIZ-2232

Updated display format and default documentation links.

VIZ-2239

Max Retention Days settings for job logs are now properly respected in all time zones.

VIZ-2247

Snowflake data connections from CDV instances running in CDSW now work as expected.

VIZ-2249

>   Derived Data measures can now be used in box plot visuals.

What's new in Data Visualization 7.1.4

Cloudera Data Visualization (CDV) 7.1.4 was released on July 27, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.4

VIZ-842

>   Existing job owners and system admins can now change a job's owner on the Job Status page.
>   Jobs from deleted users will have unassigned owners, and will not be able to run until the owner is
>   changed.

VIZ-1711

>   Filters now have an information pop-over that provides useful information such as the dataset and
>   data connection the filter was created from. The filter ID is also included for easier performance and
>   query debugging.

VIZ-1814

>   Site Administration Site Settings have been redesigned to make finding, using, and editing site-
>   wide application settings easier. Users with the "Manage Site Settings" permission will see the new
>   category view as well as a search functionality to make finding a specific control faster.

VIZ-2087 & VIZ 2099

>   The Manage Dashboard URL Aliases page now allows improved editing of aliases, including
>   changing the redirect to point to a different dashboard or application.

VIZ-2095

>   CML connections and user permissions now sync automatically for new CDV applications running
>   in CML. You can sync your data connections, similar to CML Data tab deployments of CDV.
>   Additionally, CML project owners, admin, contributor, and site admin will automatically be
>   assigned the system admin role in CDV. All other project collaborators will be visual consumers.

VIZ-2102

>   You can now search for a user by first or last name from the Manage Users & Groups page.

VIZ-2128

>   Performance improvements have been implemented to allow for faster application startup.

VIZ-2184 & VIZ-2185

>   Significant improvements have been made to the Activity Log Current Load and Activity Log
>   WebServer Stats   tabs, providing better and more understandable monitoring of active queries and
>   counters.

VIZ-2191

>   Design changes have been implemented in the Notification Center to improve readability and fix an
>   issue where a lengthy list of new notifications could appear longer than the modal.

Fixed issues in Cloudera Data Visualization 7.1.4

VIZ-958

>   The greater-than and less-than selectors within the Custom Colors for Measure Value Ranges
>   settings should now display properly on all screen sizes.

VIZ-1820

>   Configurations for data connections to Solr instances using Knox are now available.

VIZ-1904, VIZ-1907, VIZ-1910, VIZ-2125

>   Fixed critical and high package vulnerability issues found in CDV 7.1.3.

VIZ-1946

> The Explore Visual Types wizard for visuals with a color shelf now works as expected.

VIZ-2047

> Fixed dashboard and dataset association migration.

VIZ-2058

> Fixed a bug where minimum and maximum aggregates were incorrectly passed within the Histogram visual type, resulting in an unexpected error when building this visual.

VIZ-2112

> Dimension color sort order is now consistently applied across all bars of a stacked bar visual, even when some columns are missing specific values.

VIZ-2131

> Editing a job from the Job Status page should now work as expected.

VIZ-2160

> Fixed a bug where the Dashboard Designer Filters sidebar would occasionally display columns from the wrong dataset upon page refresh.

VIZ-2206

> Success and warning alerts should now close properly.

What's new in Data Visualization 7.1.3

Cloudera Data Visualization (CDV) 7.1.3 was released on May 31, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.3

VIZ-775

> Unsaved changes are preserved when cloning a dashboard.

VIZ-1811, VIZ-2075

> Added API endpoints for creating API keys and editing the user profile.

VIZ-1962, VIZ-2045

> Improved URL aliases with a new admin management page and better information in the email modal.

VIZ-2025

> Improved performance of SQL tab.

VIZ-2054, VIZ-2060

> Improved PNG/PDF download for multi-sheet dashboards and added support for East Asian languages.

VIZ-2063

> Added setting adjustment and retry for handling common Hive connection errors.

Fixed issues in Cloudera Data Visualization 7.1.3

VIZ-1919, VIZ-2053

> Added fixes for handling partitions, including icon for partitioned field in the dataset page.

VIZ-1934

> Fixed display of threshold values when editing an existing job.

VIZ-2027

> Added data connection name and type into the Historical logs tab of the Dashboard Profile data.

VIZ-2043, VIZ-2070, VIZ-2084

Various CSV/Excel download fixes including preserving capitalization in Impala, better handling of NAN/INF numeric values, and fixed formatting errors for NULL and incorrect date values.

VIZ-2050

Fixed issue so visual artifacts are always imported with the "Disregard artifacts that exist in other workspaces" option selected.

What's new in Data Visualization 7.1.2

Cloudera Data Visualization (CDV) 7.1.2 was released on April 28, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.2

VIZ-334, VIZ-1963

Short URLs of a specific sheet, dashboard, and set of parameters can be created when getting the URL for a dashboard or application. These short URLs can be easily shared with collaborators.

VIZ-596

A warning is automatically shown to any users accessing CDV in Internet Explorer. As a reminder, for best results Cloudera recommends using Google Chrome or Microsoft Edge browser. Some features may not function properly with other browsers.

VIZ-1211, VIZ-1268, VIZ-1617

Null values can be excluded for all filter types. This ability can be disabled in the 'Basic' filter settings using the 'Permit selection of NULL values' setting.

VIZ-1230

Favorited dashboards are now shown on a user's default homepage.

VIZ-1368

Improvements for setting the default homepage for all users, per-user specific dashboards as homepages, and resetting the homepage to default.

VIZ-1730

When importing new tables into a data connection, there are now options for immediately creating a dataset or dashboard from the imported table.

VIZ-1990

When deleting a data extract, the option to drop the extract's target table from the database is now available.

Fixed issues in Cloudera Data Visualization 7.1.2

VIZ-980, VIZ-2009

Bug fixes and improvements for the cviz_rest function.

VIZ-1735, VIZ-1915, VIZ-1971, VIZ-1981, VIZ-2012, VIZ-2015

Bug fixes and performance improvements for data extracts.

VIZ-1758

Changing the sort priority on a trellised visual now works as expected.

VIZ-1881

If a query fails due to a parseexception, the failed query will be displayed in the query logs.

VIZ-1917

Improved sorting indicator for tables used in the product.

VIZ-1918

Broken image links on two sample dashboards have been updated.

VIZ-1959

Wrap column contents settings for table visual now works as expected.

VIZ-1997, VIZ-1998

The format editor for the rich text visual and email template builder now works as expected.

VIZ-2011

Using the 'Segment' dimension in a visual's filters shelf now works as expected.

VIZ-2024

Fixed a bug where importing visual artifacts containing dataset segments showed a 'Cannot parse segments' error.

VIZ-2028

Launching the Explore Visuals modal from the Visual Builder now works as expected.

What's new in Data Visualization 7.1.1

Cloudera Data Visualization (CDV) 7.1.1 was released on March 9, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.1
VIZ-1062

Added new settings for hiding the trellis labels for the KPI visual.

VIZ-1420, VIZ-1555

Impala and Hive connections now stream CSV/XLS downloads. This means downloads are no longer constrained by the 'Maximum data rows for visuals' site setting.

VIZ-1631

Improved performance of the 'Users & Groups' page.

VIZ-1683, VIZ-1684

Improved process for detecting errors in advanced site settings. This has also resulted in deprecation of redundant environmental variables for disabling advanced site settings.

VIZ-1781

Made the instructions on 'Setting Workload Password' easier to copy.

VIZ-1873

Job logs older than a year are now deleted every week. Deletion settings are configurable for admins in site settings.

Fixed issues in Cloudera Data Visualization 7.1.1
VIZ-1279, VIZ-1863, VIZ-1877, VIZ-1922, VIZ-1928, VIZ-1952, VIZ-1961

Improved data extracts. This includes enabling extracts on multi-table datasets with partitions, updating extract target and source tags, and other data extract creation improvements.

VIZ-1923, VIZ-1950

Fixed an error that prevented users from editing fields not present in data extracts.

VIZ-1927

Enabled non-admin users with 'View Activity Logs' permissions to view the 'WebServer Stats'.

VIZ-1967

Added 'Switch Dataset' option to range filter and properly saved dataset changes.

What's new in Data Visualization 7.1.0

Cloudera Data Visualization (CDV) 7.1.0 was released on February 3, 2023 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.1.0

VIZ-499

Data Extracts are now available for accelerated visualization. Data Extracts are a tool for managing the analytical capabilities, performance, concurrency and security of data access across data connections. placeholder

VIZ-600

A new notification center allows you to quickly view application errors. For admin users and users with the "View activity logs" privilege, webserver errors (such as issues with applying advanced site settings) are available in this new notification center. All users can view browser-level errors that might be affecting CDV.

VIZ-1728

You can now create datasets or add data to a data connection directly from the homepage.

VIZ-1670

A new "View Users and Roles" privilege can now be set to allow users with Create Workspace permissions to search the user database when adding new members to a workspace.

VIZ-1723

Percentage range can be specified as a custom color for measure value ranges.

VIZ-1859

Functionality added to filter Job Logs by job creator as well as job type and job status.

VIZ-1772

Performance improvement for dashboard loading in View mode.

VIZ-1397

UI improvements to the default CDV Homepage.

Fixed issues in Cloudera Data Visualization 7.1.0

VIZ-792

Dataset-defined color settings should now work as expected when adding a field to the Colors shelf in the Visual Builder interface.

VIZ-1269

URL parameters save and clear as expected when navigating between dashboards and tabs within an application.

VIZ-1457

Temporary dashboard errors related to query cancellation are now reset after requests complete.

VIZ-1505

Duplicate query rows no longer appear in the Show Usage Info > Queries modal.

VIZ-1512

Changing the SQL for a SQL-based dataset refreshes the result cache for the dataset.

VIZ-1540, VIZ-1664, VIZ-1665, VIZ-1754, VIZ-1826, VIZ-1833

Fixed critical and high package vulnerability findings in CDV 7.0.5.

VIZ-1710

Fixed a bug where applying a dataset switch to all visuals on the sheet did not work as expected.

VIZ-1726

Fix for linked visuals to avoid visual cloning.

VIZ-1799

Data Connection types that support data refresh from Connection Explorer now see refresh alongside other connection options.

VIZ-1810

Fix for setting query timeout maximum in cases where customized values were previously set in advanced site settings.

VIZ-1817

Fixed a bug where the bars in a trellised bar chart could overlap each other when multiple filters were selected.

VIZ-1845

Fixed issue where null binary characters could cause email jobs with XSLX file attachments to fail with a snapshot generation error.

VIZ-1847

Visual title edits on dashboards with multiple sheets should now save as expected.

VIZ-1861

Changing column position in a table visual now works as expected.

VIZ-1876, VIZ-1896

Fixed a bug where a filter on a column name that contained a space or special character could return a syntax error in some instances. Fixed in CDV 7.1.0-b3.

What's new in Data Visualization 7.0.5

Cloudera Data Visualization (CDV) 7.0.5 was released on December 7, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.5

VIZ-1685, VIZ-971

Application server errors, including issues applying advanced site settings, will now be displayed in the new notification center.

VIZ-1179

Improved page loading performance with better asset bundling.

VIZ-119

Dashboard filters can now be added by dragging and dropping into the dashboard.

VIZ-1567

Added data loading indication on the homepage.

VIZ-1568

New script was added to clean up duplicate permissions in dataset and data connection roles.

VIZ-1001

Improved title casing logic for datasets, especially when changing data model through additional joins.

VIZ-1671

Connection concurrency by connection or user, as well as query timeout maximum and default values, can be customized in advanced site settings.

VIZ-1765, VIZ-1577

Made changes to prevent duplicate artifacts when importing visuals. Existing artifacts with the same uuid will now be updated.

VIZ-1796

The visuals page search now allows users to search for dashboard IDs associated with apps, or visual IDs associated with dashboards.

VIZ-1416

Added options for vertical in addition to horizontal gridlines in bar, line, area, boxplot, and scatter visuals.

Fixed issues in Cloudera Data Visualization 7.0.5

VIZ-1803

Fixed "Edit Dataset SQL" button in dashboard editor for visuals using SQL-based datasets.

VIZ-1615

Default to "binary" connection mode for Impala connections.

VIZ-1612

Fixed issue where emails ignored custom email templates.

VIZ-1724

Table and crosstab expansion now works properly for quoted values across all connection types.

VIZ-1256

Improve accessibility for resizing columns when editing cross tab visuals.

VIZ-739

Fixed issue with trellised bar graphs that have independent dimensions.

VIZ-1469

Fixed setting for reversing color palette.

VIZ-1807

The query timeout value when editing a data connection is now properly displayed.

VIZ-1669

Fixed issue where edited text in HTML or raw SQL visuals are discarded upon screen resize.

VIZ-1790, VIZ-1516, VIZ-1515, VIZ-1514

Filter and table settings are disabled now if they have no effect due to another setting's value.

VIZ-1720

Fixed alignment for headline table layout.

VIZ-726, VIZ-1692

Fixed styling for the "Drill Into" and Natural Language Search dropdowns.

VIZ-1718

Fixed issue where global filter changes were saved even after canceling.

VIZ-1716, VIZ-1713, VIZ-1706

Made various style improvements to application navbar, sheet name editing, and issue icon dashboard.

VIZ-1525

Improved activity log column header alignment on large screens.

VIZ-1454

Added indication when there are no CDW Impala or Hive warehouse options.

What's new in Data Visualization 7.0.4

Cloudera Data Visualization (CDV) 7.0.4 was released on October 28, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.4

VIZ-1627

Save selections made in edit mode setting is now available for all filter types. When unselected, filter values selected by the dashboard editor will not be the default in edit mode.

VIZ-1107

Improved the Expansion feature for cross tabulation visuals to more intuitively aggregate across row dimensions.

VIZ-1689

Cross Tabulation visual headers are now more readable, with tooltips for titles that are too long to display.

VIZ-1589

When selecting values for a visual filter, there is now a Select All for bulk selection of the shown filter values.

VIZ-1668

The build tab in Dashboard Designer can now be expanded to allow for greater readability.

Fixed issues in Cloudera Data Visualization 7.0.4

VIZ-938

Range filters should now reset as expected when using the reset icon on a dashboard.

VIZ-1060, VIZ-1143

Fixed bugs related to color selection on custom fields and when adding custom background colors to dimension and measures in a crosstab or table visual.

VIZ-872, VIZ-1518, VIZ-1639, VIZ-1638

CSV and Excel download improvements and bug fixes.

VIZ-1275, VIZ-1641, VIZ-1007

Optimized application menu and dashboard sheet rendering for smaller screens.

VIZ-1357

The export button on the Visuals page now behaves as expected.

VIZ-1676

Remember previous selections picklist setting has been renamed to "Remember previous selections when searching" for specificity.

VIZ-1500

Dataset search should now work as expected.

VIZ-1573

Field statistics histogram should now display frequency values in tooltips as expected.

VIZ-1608

Adding users or groups via Edit Workspace modal should now work as expected.

VIZ-1640, VIZ-1719

Bug fixes for creating and editing scheduled jobs

VIZ-1633

Special characters that are not possible to display should now show an icon indicating as such, rather than throwing an error.

VIZ-1634

Users that do not have access to one or more datasets used in a dashboard will now see an error message warning them of such, rather than a blank dashboard.

VIZ-1702

Fixed a bug where line labels on a combined bar/line visual for which display formatting has been applied did not appear correctly.

VIZ-1644

Fixed a bug where editing the title of a picklist filter did not save changes correctly.

VIZ-1637

Pagination for SQL page now appears as expected.

VIZ-1702

JS error when line labels are enabled with display formatting for combined visuals.

Fixed in CDV 7.0.4-b41

VIZ-1733

Switching dashboard sheets in view mode results in JS error.

Fixed in CDV 7.0.4-b41

VIZ-1742

Trigger Jobs fail with "name 'username' is not defined" NameError.

Fixed in CDV 7.0.4-b41

VIZ-1743

Emailing jobs fail when SSL and TLS errors are disabled.

Fixed in CDV 7.0.4-b41

What's new in Data Visualization 7.0.3

Cloudera Data Visualization (CDV) 7.0.3 was released on September 30, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.3

VIZ-1480

Daterange filters can be set to default to the max date rather than a fixed date.

VIZ-1519

CSV and Excel downloads show additional information when download or view fails because of global download row or size limit.

VIZ-1543

Dataset field names no longer allow parenthesis to avoid potential issues if used in filters.

VIZ-1463

Added settings to fine-tune the appearance of the alert when a query is taking an unusually long time, and enable/disable alerts for this purpose in View mode.

VIZ-1560

Query canceling is now immediately visible for each visual as it loads.

VIZ-1341

CDW Impala and CDW Hive connections now include Client Identifier and Application Name with a default of 'viz'. This is configurable from connection settings.

VIZ-1452

It is now possible to filter for only the rows that have NULL for a particular field value.

VIZ-801

Improvements for the Packed Bubbles visual type, including better handling of dimensions placed on the Colors shelf and enablement of legend.

VIZ-863, VIZ-1053, VIZ-1642

Improvements for resizing visuals and dashboard width in Edit mode.

VIZ-1290, VIZ-1359, VIZ-1360

Improvements to the Crosstab visual type, including aligning the totals row, showing adjacent duplicate values, and allowing text selection in View mode.

Fixed issues in Cloudera Data Visualization 7.0.3

VIZ-1532, VIZ-1533, VIZ-1534, VIZ-1539

Fixed critical and high package vulnerability findings in CDV 7.0.2.

VIZ-1188, VIZ-1485, VIZ-1600, VIZ-1601, VIZ-1602, VIZ-1663

Improved the dataset selector for visuals and filters in the dashboard builder:

- The selected dataset in the filter tab now shows the correct fields and the data connections selector is always enabled.
- The data connections on the filters tab are now alphabetically sorted.
- All edited visuals are now listed as recent visuals in the visuals tab.

VIZ-1414, VIZ-1636

Fixed errors when downloading data as excel:

- Excel downloads that use results from cache no longer return just the headers and one column of data.
- Downloading fields with date display formats no longer throws an error.

VIZ-1526

Fixed a bug where renaming a column in the dataset breaks previously created dashboards using that column as a filter.

VIZ-1622

Fixed errors with editing and creating scheduled intervals in the Email form.

VIZ-787

Fixed a bug where filtering using an in-grid and app-scope filter did not apply on the target dashboard as expected.

VIZ-1565

Search bar in "Pick a Dashboard" modal during Sheet import now works as expected.

VIZ-1595

Fixed a bug where some users reported seeing the "What's New" modal upon each login, even after clearing the modal.

VIZ-1591

Improved auditing of visual deletion when deleting dashboards and datasets.

VIZ-1562, VIZ-1651

Cloning a visual within a dashboard now works as expected, and metadata for cloned visuals now correctly updates create_user and update_user.

VIZ-1587, VIZ-1618

Fixed a bug where editing and viewing different sheets on a dashboard resulted in unexpected sheets being loaded if the sheets had been rearranged from their initial positions.

VIZ-1388, VIZ-1593

Bug fixes for Bar and Line visual types, including fixing the appearance of labels.

VIZ-1474, VIZ-1561

Bug fixes for display formats configured within a dataset.

VIZ-1409, VIZ-1435, VIZ-1605, VIZ-1610

Bug fixes and improvements for emailing dashboards and configuring email jobs.

VIZ-918, VIZ-1294, VIZ-1619, VIZ-1624

Bug fixes and improvements for the Data Extracts technical preview feature.

VIZ-1652

Non-legacy Impala and Arcengine connections will show comment prefixes indicating the visual, dashboard, and dataset that triggered the query

VIZ-1605

If the user hasn't dismissed the "What's New" modal using the "Got It" button, it can appear in emailed dashboards.

What's new in Data Visualization 7.0.2

Cloudera Data Visualization (CDV) 7.0.2 was released on August 9, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.2
VIZ-1364

It is now possible to search for dashboards, applications, datasets, or documentation from anywhere in the application.

VIZ-935, VIZ-1401, VIZ-1349, VIZ-1003

Several improvements to filters and filtering:

- Improved display of the user-added values in filters.
- Relative date filters are now included in URL parameters and email jobs.
- NULL values can be included or excluded in date filters.
- Filter width settings can now be adjusted as expected.

VIZ-1338

New site setting to allow administrators to disable manual user creation from within the application. This helps preventing username collisions between SSO users and manually created users.

VIZ-1177

The workspace description is now shown on hover when viewing the list of workspaces from the Visuals tab.

VIZ-1231

A "Copy to Clipboard" button was added to the Get URL modal to make sharing parameterized links easier.

Fixed issues in Cloudera Data Visualization 7.0.2
VIZ-1361, VIZ-1300, VIZ-1363

Fixed critical and high package vulnerability findings in CDV 7.0.1.

VIZ-1568

Fixed a known issue where Impala connections using kerberos resulted in a connection error that was discovered in the 7.0.2-b35 version of 7.0.2.

VIZ-1472

Fixed a known issue where updating CDV from 6.4.1 to 7.0.1 in CDSW or CML required an additional environmental variable to be set in the project.

VIZ-829

Fixed a bug where clicking the CANCEL button in the Edit User or New User modals could display an unexpected validation error instead of closing the modal.

VIZ-1486

      Fixed a bug where emailing a dashboard failed with a security protocol error.

VIZ-890

      Non-admin users with "Manage roles and users" permission can now create, edit, and delete roles as expected.

VIZ-601

      Bug fixes and improvements for the Data Extracts technical preview feature.

VIZ-1412

      Direct Access SQL now applies CSV download limits as expected.

VIZ-1478

      Fixed a bug where users would see an application navigation error when a dashboard within the application contained an in-grid filter.

VIZ-809

      Data type icons now appear as expected when adding fields to filter shelves.

VIZ-1419

      Fixed a bug where direct access could show "no available connection" message unexpectedly.

VIZ-1499

      Datasets created from SQL will no longer show a truncated query in some instances.

VIZ-1459

      Axis scale disabling now works as expected with multiple aggregates on the color shelf.

VIZ-1358

      Fixed a bug when editing a dashboard where the context menu on a visual required an additional click to open.

VIZ-1483

      Fixed a bug where the Left, Center and Right Align icons didn't appear next to their respective radio buttons in the Dashboard Settings pane.

What's new in Data Visualization 7.0.1

Cloudera Data Visualization (CDV) 7.0.1 was released on June 29, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.1

VIZ-1396

      [Tech Preview] Data connections to Snowflake are now available as a technical preview feature.

VIZ-1315, VIZ-1427, and VIZ-1441

      Introduced a per-user concurrency setting in data connections that allow users to limit the number of queries a single user can occupy. This prevents one user from blocking connection access for an entire connection. Added a Current Load panel to the Profile Data modal that allows users to view and manage ongoing queries.

VIZ-1336 and VIZ-1149

      Added dataset switching to filters, so users can quickly change the filter across datasets and connections. Users can now also quickly change the dataset for all filters and visuals in a sheet.

VIZ-672

      The dashboard layout interface now includes names and images of relevant visuals for easier visual identification when moving and resizing visuals.

VIZ-1351

When editing a Dashboard's style in the Dashboard Designer modal, it is now possible to reset all styles to original.

Fixed issues in Cloudera Data Visualization 7.0.1

VIZ-274, VIZ-284, VIZ-802, VIZ-1432, VIZ-1433, VIZ-1434, VIZ-1444

Security fixes and usability improvements.

VIZ-540 and VIZ-1295

Fixed a bug with importing visual artifacts with segments or time wrap or where the dashboard being imported had been cloned within another CDV instance.

VIZ-645

Dashboard and visual background color styles now interact and reset as expected.

VIZ-652

Improved timeout process for chrome processes initiated by thumbnail generation.

VIZ-740

Error messages when importing data from a CSV file should now appear and reset as expected.

VIZ-837

Users logging in for the first time will no longer see a message about their last login occuring on an invalid date.

VIZ-923

Fixed a bug where deleting app scope filters could leave an empty filter widget in Dashboard sheets.

VIZ-1196

Email protocol settings are now selectable as expected.

VIZ-1311

HTML visuals and custom filters now appear in emailed dashboards as expected.

VIZ-1337

SQLite data connection creation is now disabled in CDV instances running in CDV, as locally created SQLite files are transient in that environment.

VIZ-1345

Editing Scheduled Email jobs should no longer throw an error on the schedule interval.

VIZ-1370

Fixed a bug where a user could see a reference error when building a visual with a secondary axis.

VIZ-1390

Fixed a bug where a dashboard's filter parameter popup could become stuck if clicked.

VIZ-1392

Dashboard and visual info now shows upon hover when adding a recently created visual to a dashboard using Dashboard Builder.

VIZ-1406

Fixed a bug with the Table Browser that could prevent joining new tables in an existing Dataset.

VIZ-1445

Direct access functionality will now appear only on supported connection types.

What's new in Data Visualization 7.0.0

Cloudera Data Visualization (CDV) 7.0.0 was released on May 17, 2022 introducing the following changes.

New features and improvements in Cloudera Data Visualization 7.0.0

VIZ-20

> Some major updates have been made to the Bootstrap and jQuery libraries. Bootstrap was upgraded from 3.3.7 to 4.6.0 and jQuery was upgraded from 2.2.4 to 3.6.0. This change has a potential impact to customers who have created Custom Styles in earlier versions of CDV, since they would potentially contain code that references legacy Bootstrap classes or jQuery methods in their CSS and/or JS respectively. For more information, see the *Custom Styles Migration Guide*.

VIZ-1115 & VIZ-1217

> You can query your data directly through a new SQL tab in the top navigation bar, and a new homepage layout has been introduced so you can quickly add and access recent queries, data connections, and datasets alongside their dashboards and applications. From the SQL tab, you can now create a new dataset or dashboard from a query with a single click. Additionally, when editing a dashboard, updating a SQL-based dataset is even easier with the new Edit Dataset SQL option from the in-visual options menu.

VIZ-1328

> [Tech Preview] Data Extracts are now available as a technical preview feature. Data Extracts help with managing the analytical capabilities, performance, concurrency, and security of data access across data connections. For more information, contact your Cloudera representative.

Fixed issues in Cloudera Data Visualization 7.0.0

VIZ-1220

> Fixed a bug where a dashboard could become uneditable after disabling Custom Styles.

VIZ-1270

> Fixed a bug where roles were not deletable from the Manage Roles interface.

VIZ-1313

> Additional bug fixes and usability improvements.

VIZ-1333

> Dashboards now appear in a searchable list in the Set Homepage interface.

VIZ-1339

> Show/Hide Password toggles in the Change My Password modal now work as expected.

VIZ-1367

> Visuals without a secondary axis should no longer display settings options for the secondary axis.

December 17, 2021 - CVE-2021-44228

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.5-b5

Cloudera released a new version of CDP Data Visualization (CDV). This new version addresses CVE-2021-44228 which affects products using Apache Log4j2 versions 2.0 through 2.14.1.

CDV is not written in Java and therefore is not vulnerable. However, as the custom CDP Data Visualization engine is built upon a CML engine, it has been updated to the newly released version of the CML engine that removes the vulnerability reported in CVE-2021-44228. For more information about the new CML engine, see CVE-2021-44228 Remediation for CML Data Service.

If you use CDV with Cloudera Machine Learning, update your CML engine to the latest version, which includes fixes for the log4j2 security vulnerability in CML. After updating the engine to the latest version, running CDV instances (applications) should be restarted.

If you use CDV with Cloudera Data Science Workbench, no action is required.

December 10, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.4-b13

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.3.4-b13

New features and improvements

VIZ-810

> When adding a filter shelf to a visual, it is now possible to add and edit a custom filter expression directly from the filter modal.

VIZ-896

> Cross Tabulation, Row Listing, and Table visuals now use a default number format with comma separators if a display format is not specified.

VIZ-917

> Dashboard snapshot timeouts are now configurable by using an advanced site setting flag.

VIZ-925

> The Dataset ID is now shown for each dataset listed on the Dataset overview page.

Fixed issues

VIZ-436

> Dashboard-level settings for showing detail data in context menu now work as expected.

VIZ-915

> Fixed a bug where dashboard titles could appear editable in view mode.

VIZ-916

> Dashboard reset after drill-into now refreshes the dashboard as expected.

VIZ-952

> Fixed a bug where setting the default homepage for all users as an admin user failed to save.

VIZ-986

> Fixed a bug where importing a dashboard and running a data table compatibility check resulted in an unexpected error.

November 8, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.3-b43

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.3.3-b43

New features and improvements

VIZ-475

> Checking dataset compatibility when importing a dataset from SQL is now possible.

VIZ-612

> Including or excluding a data point from a visual now shows a confirmation message prior to visual refresh.

VIZ-680, VIZ-745, VIZ-877 and VIZ-878

> Several improvements have been implemented for the Timeline visual type, including adding default x-axis formatting, easier display format selection, and the option to add a legend.

VIZ-721

> You can now use the EDIT button on the dataset field tile to streamline the dataset editing process.

VIZ-750

>When configuring custom site settings, errors encountered in the startup process are now logged and bypassed instead of blocking the startup, to allow for easier debugging.

VIZ-847

>Configuring a visual's click behavior is now easier with new context menu options available in build mode.

VIZ-908

>Job logs can now be filtered by job type and status.

Fixed issues

VIZ-385

>Fixed a bug where only one column was shown for large tables in Sample Data inside the Connection Explorer.

VIZ-414, VIZ-862

>Table fields with varchar, large, or irregular characters in comments are now parsed properly during dataset creation.

VIZ-696, VIZ-901

>Other bug fixes and UI improvements.

VIZ-732

>Fixed a bug where the menu for an on-dashboard filter could appear behind the visual.

VIZ-859, VIZ-860

>Fixed data connection modal bugs where multiple empty parameter rows could be added, or non-numeric values could be saved in fields where they could cause errors.

VIZ-876

>Downloaded Detail Data from a visual is now filtered as expected.

VIZ-942

>Fixed a bug where CDV instances using a MySQL metadata store could see an error while upgrading.

September 30, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.2-b29

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.3.2-b29

New features and improvements

VIZ-398

>A new style setting allows the user to change the font weight of row and column summaries. Data summary settings have also been moved into their own subsection for better discoverability.

VIZ-473

>Dashboards created for the purpose of threshold-triggered jobs are now editable.

VIZ-713

>It is now possible to chain multiple conditions for threshold based emails.

VIZ-689. VIZ-848, VIZ-861, VIZ-880, VIZ-897

>Additional UI and usability improvements.

VIZ-234, VIZ-641, VIZ-835

Other security fixes and improvements.

Fixed issues

VIZ-99 & VIZ-304

Users with first names or last names longer than 30 characters can now be created as expected.

VIZ-316

Downloads of SQL visual types now inherit global limit settings from Site Settings as expected.

VIZ-384 & VIZ-886

Fixed a bug where CSV or Excel download could apply an unwanted default display format to some columns, or fail to show a display format that had been added.

VIZ-418

Fixed a bug where infinity or NaN values in Impala caused an error.

VIZ-545

PDF or PNG downloads for slow-loading dashboards now display fully rendered visuals rather than progress bar icons.

VIZ-693

Fixed a bug where a label on a scatter visual would be hidden while hovering.

VIZ-714

The create threshold functionality in the email jobs modal now works as expected.

VIZ-722

Highlighting elements by hovering over legend items now works as expected.

VIZ-724

The visual setting option to hover over a dimension and show each point with that dimensional value functionality now works as expected.

VIZ-747

Using an image in an Action visual now works as expected.

VIZ-757

Fixed a bug where time control in a dashboard's filter bar was not removable once added to dashboard.

VIZ-784 & VIZ 808

Display formats should now appear as expected in Grouped Bar and Row Listing visuals.

VIZ-790

Dimension color palettes now accept typed-in choices when configuring background colors for Table and Cross Tabulation visuals.

VIZ-804

Fixed a bug where rearranging elements in Heatmap visual shelves was not saved as expected.

VIZ-832

Email jobs with send limits greater than once per day should now be triggered as expected.

VIZ-857

Default date formatting on x-axis of bar visuals should now work as expected.

VIZ-885

Setting CSV download locale in the dashboard and visual settings now works as expected.

VIZ-891

Fixed a bug where LDAP Mirror Groups did not work as expected in version 6.3.1.

August 24, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.1-b27

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.3.1-b27

New features and improvements

VIZ-383

Display formats are now applied as expected on CSV and XLS downloads when the data connection type is Impala or Arcadia.

VIZ-434

You can drill-into your data from the context menu to discover more granular information for a particular data point by examining other dimensions of your data.

VIZ-647

New icons have been added to the username display based on user type — an asterisk appears for admin users and a checkmark appears for LDAP/SSO-signed users.

VIZ-700

Usability improvements have been implemented to the dashboard builder sidebar.

VIZ-719

The full dataset name can now be viewed on hover in dashboard builder menus.

VIZ-736

You can now save a segment from a filter definition of a visual.

VIZ-770

Creating and editing HTML extension visuals is now easier with syntax highlighting, autocompletion, and side-by-side preview.

VIZ-773

Additional details on job parameters, including trigger conditionals and active states can now be viewed from the Job Status page.

Fixed issues

VIZ-666

Fixed a bug where a filter's 'Maximum number of rows to fetch' setting unexpectedly affected the filter limit.

VIZ-667

Filters with a slide range selector now allow for precise selection of range values.

VIZ-691

Dashboards with multiple filters that are linked and given app scope now properly apply across all sheets.

VIZ-759

Fixed a bug where the relative dates timestamp filter reset upon switching between sheets of a dashboard.

VIZ-796

Fixed a bug where the Direct Access SQL editor applied the default limit even when the user specified a different value.

VIZ-820

Fixed a bug where changes in the Edit User modal could not be saved without retyping the current user password.

July 30, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.3.0-b53

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.3.0-b53

New features

VIZ-367, VIZ-715 - Data Visualization as Machine Learning Runtime

Data Visualization is available as a Machine Learning Runtime for Cloudera Machine Learning (CML) on CDP. For more information, see the ML runtime documentation.

VIZ-619 - Natural Language Search

Natural Language Search (NLS) is now generally available. You can speed up visual creation and data analysis insights by enabling search-based data exploration. For more information, see the NLS documentation.

VIZ-639 - SSB data connection [Tech Preview]

A new data connection type is available in technical preview: you can connect to SQL Stream Builder (SSB), an integrated job management interface. SSB is a part of Cloudera Streaming Analytics powered by Apache Flink. For more information on SSB, see the Introduction to SQL Stream Builder.

Improvements

VIZ-278

Improvements have been implemented for table expansion and sorting within an expanded table column.

VIZ-359

You can export all columns in CSV without selecting or forcing maximum column display to fit the entire column list.

VIZ-452

If you use the default credentials to login to Data Visualization, you will be prompted to change your password at the first login.

VIZ-454

Editing an HTML Extension visual is now easier with a larger modal.

VIZ-491

If you use Oracle metadata connections, you can now configure to connect using a Service Name.

VIZ-549

If you have dashboard editing permissions, you can view the clone history of a dashboard in the Usage Info menu.

VIZ-621, VIZ-623, VIZ-687

Multiple improvements have been implemented for email jobs, including the ability to configure a job to send only on the first trigger, XLS attachment options, and the ability to include a message along an embedded image sent via email.

VIZ-640

Views are shown along with tables on PostgreSQL connections in the Connection Explorer.

VIZ-668

If you are an admin user, you can access the Daily Usage metrics page by clicking through the view count on the Data Visualization homepage.

VIZ-683

You can select any specific color from a color palette as the default or starting color for a visual.

VIZ-710

Improvements have been implemented for migrations on mySQL metadata connections.

Fixed issues

VIZ-343

Fixed a bug where the table expansion tooltip displayed HTML elements when you selected 'Send all fields as parameters'.

VIZ-361

Refreshing an External Link visual now works as expected.

VIZ-495

Enabling highlighting on table visuals using a Solr connection now works as expected.

VIZ-528

Fixed a bug where the 'Download As' options were hidden under the neighboring menu.

VIZ-548

Fixed a bug where the Direct Access SQL editor may run queries as lowercase.

VIZ-650

Date and Time Functions on Hive connections now work as expected.

VIZ-651

Fixed a bug where casting a field resulted in any custom expression getting overwritten.

VIZ-662

Users may now copy the job status error text by clicking on the error icon.

VIZ-664

Fixed a bug where crosstab download limits did not apply as expected for CSV downloads.

VIZ-673, VIZ-674

The Custom Styles page now shows dashboards and applications that use custom CSS, not just visuals.

VIZ-690

The 'Set as Homepage' option is now visible from dashboards but not individual visuals.

VIZ-717

Fixed a bug where sorting on a Y-trellis did not work as expected.

VIZ-753

Fixed a bug where Custom Styles failed to load on the Manage Custom Styles page as expected.

June 4, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.7-b48

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.7-b48

New features and improvements

VIZ-84

CDP Data Visualization applications running in CML can be configured with unauthenticated access.

VIZ-433

When configuring email jobs, you can specify a reply-to email address that is different from the sender's email address.

VIZ-464

Users with manage users and roles permissions can now assign roles as expected.

VIZ-484

You can toggle between filter types when creating a filter for a date or for a numeric field.

VIZ-552

Field comments are shown by default when viewing a dataset.

Fixed issues

VIZ-147

The Solr connection type no longer permits expression creation that may cause visual failure.

VIZ-358

Fixed a bug where the use of advanced site settings along with a non-default metastore resulted in an unexpected error.

VIZ-465

Disabled legacy connection types by default, which had bugs that could resulted in an unexpected connection error.

VIZ-469

Smart acceleration now works as expected on the Arcadia connection type when the environmental variable ENABLE_LEGACY_DATACONN is set to true.

VIZ-542

Fixed a bug where visual titles did not substitute the correct parameter in edit mode.

VIZ-563

In-product help text is now shown as expected when building a list visual.

VIZ-605

Fixed a bug where the scrollbar in an application's navigation bar did not appear as expected on narrow screens.

VIZ-606

The Search button in an application's navigation bar now appears as expected on narrow screens.

VIZ-632

Area graphs that contain a date range now draw as expected.

VIZ-636

Fixed a bug where editing a shelf element's expression may have resulted in an unexpected error.

VIZ-637

Editing an email job without an attachment now works as expected.

April 29, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.6-b23

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.6-b23

New feature
VIZ-152 – Single sign-on in CDW

> Single sign-on (SSO) is now enabled for Cloudera Data Visualization (CDV) applications running in Cloudera Data Warehouse (CDW). For more information, see Start Data Visualization in CDW.

Improvements
VIZ-389

> Numerous bug fixes and improvements for Natural Language Search [Tech Preview] functionality.

VIZ-424

> Timestamp columns are now auto-recognized in Druid data connections.

VIZ-461, VIZ-532

> Improvements for threshold job creation.

VIZ-472

> Improvements to sample dashboards that ship with CDV by default.

VIZ-597

> Improvements for displaying dashboards on smaller screens.

Fixed issues
VIZ-353

> For Hive and Impala connections, CDV can now pass down an application ID in opened sessions for better visibility and auditing into query workloads.

VIZ-422, VIZ-457

> Error messages now appear as expected if a CSV/Excel download fails to complete.

VIZ-474

> Fixed a bug where importing a dataset from SQL could result in an unexpected error.

VIZ-483

> Fixed a bug where the Ignore missing dates setting did not work as expected on line and area charts.

VIZ-529

> The Refresh button now appears only on data connections where this query is supported.

VIZ-541, VIZ-543

> Fixed a regression from CDV 6.2.5 where visual context menu items did not react as expected.

VIZ-557

> Admins can now update their own user profiles through Site Settings as expected.

VIZ-562

> Fixed a bug where the PostgreSQL data connection settings did not save as expected.

April 7, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.5-b25

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.5-b25

New features

VIZ-388 – Natural language search

> [Tech Preview] Use natural language search to find relevant information in your datasets through natural language statements, and render it in graphical format.

VIZ-468 – Account lockout

> You can enable lockout after too many failed login attempts by adding `AXES_ENABLED` to the advanced site settings in CML or CDSW. This feature is disabled by default.

Improvements

VIZ-145

> Improved Solr aggregation and faceting.

Fixed issues

VIZ-362, VIZ-420, VIZ-533

> Fixed bugs for CSV and Excel downloads.

VIZ-387

> Error message popovers now close when clicking elsewhere on the page as expected.

VIZ-408

> Expansion on crosstab visuals now works as expected.

VIZ-415

> Changing values on a custom picklist filter in dashboard mode now works as expected.

VIZ-419

> Fixed a bug where filters on an Arcengine connection did not reset after unselecting.

VIZ-437

> Enable "Download as Image/PDF" switch in dashboard settings now works as expected.

VIZ-486

> Dashboards created from Arcengine connections can now be accelerated as expected.

VIZ-498

> Changing colors in a scatter visual now redraws the visual as expected.

February 26, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.4-b16

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.4-b16

New feature

VIZ-72 – Job scheduling and customization

> Email jobs can now be customized or changed post-creation, making it easy to change the send schedule, add additional recipients, or update the messaging to accompany a dashboard.

Usability improvements

VIZ-350, VIZ-406

Options that are not available on particular data connections are now hidden as expected.

VIZ-380

New Apply Display Format checkbox in the Data Model tab applies selected display formats to the shown data.

VIZ-407

Improvement to Oracle metadata database support.

VIZ-413

Autocomplete options in expression editor now includes ML Model API.

Fixed issues

VIZ-180

Importing access to Private workspaces when Public workspace access is disabled now works as expected.

VIZ-316

SQL Visual limits are now inherited from global limits and table limits as expected.

VIZ-323

Fixed a bug where PDF download of a dashboard that had not loaded fully resulted in impartial PDF download.

VIZ_335

PDF downloads of dashboards with multiple sheets now work as expected.

VIZ_344

Combo charts now allow for more granular control of aggregate axis size.

VIZ-378

Large Excel or CSV downloads that fail to complete are removed from temporary files.

VIZ-379

SQL Visuals downloaded as Excel should now work as expected.

VIZ-412

Fixed a bug where Show Selected and Show All in filter list selection did not work as expected.

VIZ-425

Fixed a bug where setting visual_max_dataresults in Site Settings could result in query failure.

VIZ-432

Improved horizontal scrolling on dashboards with multiple sheets.

February 2, 2021

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.3-b18

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.3-b18

New features and improvements

VIZ-317

Applications can now be configured to always display the dashboard titles within a tab.

VIZ-330

Additional in-product documentation has been included in the New Data Connection and Edit Data Connection modals.

VIZ-349

> Refreshing a dataset cache now correctly logs the user and timestamp for when the cache was refreshed.

VIZ-358

> Added support for Oracle metadata databases in CDSW Data Visualization instances.

VIZ-376

> Make it easy to configure external metadata store with env variables for CDV in CDSW & CML.

VIZ-382

> Added support for connecting to legacy ArcEngine databases from Data Visualization.

Fixed issues
VIZ-122

> Fixed a bug where using custom aggregates resulted in an error.

VIZ-245

> Display formats are now applied as expected in csv/xls downloads.

VIZ-263

> Fixed a bug where a timestamp value could display differently on a dashboard than in an Excel download.

VIZ-351

> Aggregates and functions in Impala and Hive connection types now work as expected.

VIZ-363

> Sample mode is now hidden for unsupported connections.

VIZ-377

> Fixed a bug where migration to Data Visualization from legacy product could result in a workspace error.

VIZ-386, VIZ-400

> Searching within a filter and making multiple selections now works as expected.

VIZ-411

> Threshold-based jobs now work as expected.

December 15, 2020

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.2-b383

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.2-b383

Fixed issues
VIZ-229

> Frequent CML/CDSW ping requests are now filtered out from Webserver logs to increase log readability.

VIZ-239, VIZ-337

> Apps without a thumbnail image now display a placeholder as expected.

VIZ-296

> Advanced settings are now disabled by default in CDW versions of CDV.

VIZ-341

Fixed a bug that prevented attaching CSV files to emailed dashboards.

VIZ-342

Fixed a bug where crosstab sort buttons failed after scrolling on a visual.

VIZ-346

Linked visuals must now be edited on their original dashboards, to prevent inadvertent breakage on a dashboard.

December 3, 2020

New CML engine: docker.repository.cloudera.com/cloudera/cdv/cmldataviz:6.2.1-b12

New CDSW engine: docker.repository.cloudera.com/cloudera/cdv/cdswdataviz:6.2.1-b12

New features and improvements

CDP Data Visualization applications running in Cloudera Machine Learning released on November 23, 2020 or later can permit SSO authentication in admin settings.

Fixed issues
VIZ-322

Changing cache settings no longer causes the data connection type to unset itself.

VIZ-321

Fixed a bug that prevented some users from downloading a visual as a csv or Excel.

VIZ-329

Fixed a bug that displayed an error message when importing visual artifacts to a private workspace.

VIZ-328

Data Compatibility check when importing visual artifacts now works as expected.

VIZ-286, VIZ-295, VIZ-298

The correct version number and product name now display in all Data Visualization applications.

VIZ-137

Fixed a bug that caused expansion field values to throw an error when clicking Show Detailed Data or when including/excluding the value as a filter on click.

VIZ-320

Dashboard filter parameters now load as intended when sharing a dashboard via URL.

VIZ-310

SQL Visual Download CSV options now work as intended.

VIZ-326

Save as Table or Dataset functionality no longer displays an error message on Impala connections.

VIZ-270

Provided further in-product instructions for admin settings that can accommodate multiple inputs.

October 30, 2020

This marks the General Availability (GA) of the first CDP Data Visualization release. Data Visualization, the latest Cloudera feature built into the CDP platform can be accessed through Cloudera Data Warehouse (CDW) and Cloudera Machine Learning (CML) in the Public Cloud. It can also be accessed on-prem in CDSW.

It allows data engineers, data scientists, business analysts, and business users to quickly and easily explore data, collaborate, act on, and communicate explainable insights across the data lifecycle.

Fully integrated with CDW, CML, and CDSW, CDP Data Visualization (CDV) provides self-service and drag-and-drop visualization from both enterprise data and predictive models natively in CDP.

CDV enables:

- Fast, intelligent reporting – Rapid, out-of-the-box dashboarding and application building with built-in visual recommendations
- Intuitive workflows, secured by SDX – Easy-to-use visual UI for fast data exploration and instant sharing anywhere without moving data or creating silos
- Integrated data lifecycle collaboration – Accelerate insight sharing with a consistent, integrated data visualization experience across all data and business teams

Known issues and limitations in Cloudera Data Visualization

You can find here the list of known issues and limitations that you might experience while using Cloudera Data Visualization.

Known issues and limitations in Cloudera Data Visualization 8.0.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

When using SAML, users get removed from "Default group membership for new users" after second login

Users are removed from the "Default group membership for new users" (viz_guest_group by default) after they log in for the second time. In Cloudera Data Warehouse, non-admin users receive "Database Admin" roles based on their membership in a local "viz_guest_group" default user group. This means that they will lose their role-based privileges after logging in twice.

Workaround:

An admin user should manually assign the "Database Admin" role to a SAML-synced group.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3103

Filter search is disabled if a filter query fails during search

When searching for a value in a dimension filter, a query failure could result in the filter search not working.

Workaround:

Reload the page or select a filter value in another filter on the same page.

Versions affected:

Cloudera Data Visualization 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-3118

Data compatibility check does not work for SQL-based datasets that join on multiple tables

When importing in visual artifacts that use SQL-based datasets, the "data compatibility" check may fail with an "IndexError: list index out of range" error, if the dataset joins multiple tables.

Workaround:

Disable "Check data table compatibility" when importing in visual assets with complex queries.

Versions affected:

All versions

Fixed in version:

N/A

Cloudera issue:

VIZ-3121

Previous releases

You can find here the list of known issues and limitations that you might experience while using earlier versions of Cloudera Data Visualization.

Known issues and limitations in Cloudera Data Visualization 7.2.9

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

AI redacting does not remove contextual information

AI visual payloads are included in historic query logs and webserver logs, regardless of the site setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.9

Fixed in version:

Cloudera Data Visualization 8.0.0

Cloudera issue:

VIZ-3061

Known issues and limitations in Cloudera Data Visualization 7.2.8

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

AI redacting does not remove contextual information

AI visual payloads are included in historic query logs and webserver logs, regardless of the site setting.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.2.9

Fixed in version:

Cloudera Data Visualization 8.0.0

Cloudera issue:

VIZ-3061

Known issues and limitations in Cloudera Data Visualization 7.2.7

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Cloudera Data Visualization 7.2.6

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Cloudera Data Visualization upgrade from 7.2.5 to 7.2.6 broken with Postgres metastore

Upgrading Cloudera Data Visualization instances with a PostgreSQL metadata store from version 7.2.5 to 7.2.6 may fail due to a compatibility issue with the PostgreSQL metastore..

Workaround:

To avoid this problem, upgrade directly to version 7.2.7 or a later version where the issue has been resolved.

Versions affected:

Cloudera Data Visualization 7.2.5-7.2.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2868

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

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create table DATABASE_NAME.CDV_TABLE_NAME_NEW
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 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Cloudera Data Visualization 7.2.5

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-1181

Change password screen shown on page refresh for autologin user

> If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

> To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

> Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

> N/A

Cloudera issue:

> VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

> After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

> To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

> Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

> N/A

Cloudera issue:

> VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

> The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

> Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

> Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Cloudera Data Visualization upgrade from 7.2.5 to 7.2.6 broken with Postgres metastore

Upgrading Cloudera Data Visualization instances with a PostgreSQL metadata store from version 7.2.5 to 7.2.6 may fail due to a compatibility issue with the PostgreSQL metastore..

Workaround:

To avoid this problem, upgrade directly to version 7.2.7 or a later version where the issue has been resolved.

Versions affected:

Cloudera Data Visualization 7.2.5-7.2.6

Fixed in version:

N/A

Cloudera issue:

VIZ-2868

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Cloudera Data Visualization 7.2.4

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
• Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan)	• Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
  partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.2.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.2.2

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-1181

Change password screen shown on page refresh for autologin user

> If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

> Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

> Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.
>
> A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.
>
> 1. Create a temporary table (database_name.new_table_name) that supports altering.
>
> ```
> create table DATABASE_NAME.CDV_TABLE_NAME_NEW
>   (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
>   STRING) tblproperties('transactional'='false' );
> ```
>
> 2. Copy existing data from the original extract target.
>
> ```
> insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
>   partition(PARTITION_FIELD) select * f
> rom DATABASE_NAME.CDV_TABLE_NAME;
> ```
>
> 3. [Optional] Save the original extract target as a backup.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME rename
> to DATABASE_NAME.CDV_TABLE_NAME_BAK;
> ```
>
> 4. Make the temporary table the current extract target.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
> to DATABASE_NAME.CDV_TABLE_NAME;
> ```

Versions affected:

> Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-3042

Known issues and limitations in Data Visualization 7.2.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

> Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

>VIZ-3042

Known issues and limitations in Data Visualization 7.2.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

>Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

>None

Versions affected

>Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

>N/A

Cloudera issue

>VIZ-456

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>The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
• Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan)	• Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

>None

Versions affected

>Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

>N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

> For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

> Cloudera Data Visualization 7.2.2

Cloudera issue

> VIZ-1455

Change password screen shown on page refresh for autologin user

> If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

> To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

> Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

> N/A

Cloudera issue:

> VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

> After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

> To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

 Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

 N/A

Cloudera issue:

 VIZ-2224

Dashboard export from Visuals page results in corrupted JSON

Exporting a dashboard from the Visuals page results in corrupted JSON, impacting the successful export and import of dashboards from the page. The issue manifests during the export process, resulting in a JSON structure that only contains workspace details.

Workaround:

To resolve this issue, consider the following workarounds:

- **Single report export**

For exporting a single report, use the export action within the Dashboard Builder. This method avoids the JSON corruption encountered on the Visuals page.

- **Multiple reports export**

For exporting multiple reports, access the Visuals page with the query parameter ?mode=old. This opens the old Visuals page, where the export functionality works correctly, ensuring the integrity of the JSON structure.

Versions affected:

 Cloudera Data Visualization 7.1.9 and 7.2.0

Fixed in version:

 Cloudera Data Visualization 7.2.1

Cloudera issue:

 VIZ-2493

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

 Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

 Cloudera Data Visualization 7.2.9

Cloudera issue:

 VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.9

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

> Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.
>
> The following languages are not supported when using a table visual.

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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Dashboard export from Visuals page results in corrupted JSON

Exporting a dashboard from the Visuals page results in corrupted JSON, impacting the successful export and import of dashboards from the page. The issue manifests during the export process, resulting in a JSON structure that only contains workspace details.

Workaround:

> To resolve this issue, consider the following workarounds:
>
> - **Single report export**
>
> For exporting a single report, use the export action within the Dashboard Builder. This method avoids the JSON corruption encountered on the Visuals page.
>
> - **Multiple reports export**
>
> For exporting multiple reports, access the Visuals page with the query parameter ?mode=old. This opens the old Visuals page, where the export functionality works correctly, ensuring the integrity of the JSON structure.

Versions affected:

> Cloudera Data Visualization 7.1.9 and 7.2.0

Fixed in version:

> Cloudera Data Visualization 7.2.1

Cloudera issue:

> VIZ-2493

'Everyone' group option has to be manually specified in workspace permissions

> The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

> Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

> Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

> Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

> Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

> Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

> Cloudera Data Visualization 7.2.7

Cloudera issue:

> VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

> Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.8

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

User group and administration designation delay in updates

User groups and administration designation is not updated until a user is authenticated. This means that CDW and CML users who have had user group or permission changes will not see the modifications if they remain logged in from before the change was made.

Workaround:

To resolve this issue, log out and reload Cloudera Data Visualization.

Versions affected:

Cloudera Data Visualization 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2396

Error when creating dataset on connection with result caching

Creating a new dataset on a data connection with connection-level result caching enabled can return an "error: DataSet matching query does not exist" error.

Workaround:

To resolve this issue, disable Result Cache on the affected data connection.

Versions affected:

Cloudera Data Visualization 7.1.7 - 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2425

'Everyone' group option has to be manually specified in workspace permissions

The 'Everyone' group is not shown as an available user group that can be applied when specifying visual workspace permissions.

Workaround:

Type 'Everyone' in the Groups field and press tab to apply it.

Versions affected:

Cloudera Data Visualization 7.1.8- 7.2.8

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-2754

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.7

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization.
You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix
is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

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Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

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Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Error when creating dataset on connection with result caching

Creating a new dataset on a data connection with connection-level result caching enabled can return an "error: DataSet matching query does not exist" error.

Workaround:

To resolve this issue, disable Result Cache on the affected data connection.

Versions affected:

Cloudera Data Visualization 7.1.7 - 7.1.8

Fixed in version:

Cloudera Data Visualization 7.1.9

Cloudera issue:

VIZ-2425

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Workaround:

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Versions affected:

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Fixed in version:

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Cloudera issue:

VIZ-2829

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Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

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2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
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rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.6

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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> The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
• Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan)	• Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.5

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
• Amharic (Ethiopia) • Arabic (multiple countries) • Bengali (Bangladesh) • Berber (multiple countries) • Burmese (Myanmar) • Dari Pashto (Afghanistan) • Dzongkha (Bhutan) • Fijian (Fiji) • Georgian • Hebrew (Israel) • Khmer (Cambodia) • Lao • Malay (Brunei) • Many Indian languages • Nepalese (Nepal) • Persian (Iran) • Tamil (Malaysia, India, Singapore) • Thai (Thailand) • Urdu (Pakistan)	• Amharic (Ethiopia) • Bengali (Bangladesh) • Burmese (Myanmar) • Dzongkha (Bhutan) • Fijian (Fiji) • Khmer (Cambodia) • Many Indian languages • Nepalese (Nepal) • Tamil (Malaysia, India, Singapore) • Thai (Thailand)

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

> VIZ-2269

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

> Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

> Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

> Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

> Cloudera Data Visualization 7.2.7

Cloudera issue:

> VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

> Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

> Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.
>
> A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.
>
> **1.** Create a temporary table (database_name.new_table_name) that supports altering.
>
> ```
> create table DATABASE_NAME.CDV_TABLE_NAME_NEW
>   (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
>   STRING) tblproperties('transactional'='false');
> ```
>
> **2.** Copy existing data from the original extract target.
>
> ```
> insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
>  partition(PARTITION_FIELD) select * f
> rom DATABASE_NAME.CDV_TABLE_NAME;
> ```
>
> **3.** [Optional] Save the original extract target as a backup.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME rename
> to DATABASE_NAME.CDV_TABLE_NAME_BAK;
> ```
>
> **4.** Make the temporary table the current extract target.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
> to DATABASE_NAME.CDV_TABLE_NAME;
> ```

Versions affected:

> Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-3042

Known issues and limitations in Data Visualization 7.1.4

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

> Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

> Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

> The following languages are not supported when using a table visual.

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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Migration errors due to use of django model functions in data model

Upgrading from a version lower than 6.4.3 to 7.0.3 or above, there are errors in the migration due to use of django model functions in data model.

Workaround:

To resolve this issue, migrate to version 7.1.4+. If you are migrating to a version before 7.1.4, first migrate to 6.4.3.

Note: Applications migrated in this fashion might show incorrect dashboard associations on the dataset page.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b47

Cloudera issue:

VIZ-2047

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Snowflake connection shows query errors in CDSW 1.10.3 or lower

Workaround:

To resolve this issue, upgrade CDSW to version 1.10.4 or higher.

Versions affected:

Cloudera Data Visualization 7.1.4 or lower using CDSW 1.10.3 or lower

Fixed in version:

Cloudera Data Visualization 7.1.5

Cloudera issue:

VIZ-2247

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Cloudera Data Visualization startup failure in Cloudera Machine Learning Private Cloud Data Service

Cloudera Data Visualization startup in Cloudera Machine Learning Private Cloud Data Service may fail. This issue has been present in the data service since version 1.3.4.

Workaround:

Set the environment variable CDV_MODE to cml before starting the application.

Versions affected:

Cloudera Data Visualization 7.1.4- 7.2.6

Fixed in version:

Cloudera Data Visualization 7.2.7

Cloudera issue:

VIZ-2829

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.3

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Edit and Copy to clipboard buttons do not work on the Manage URL Aliases page

Workaround:

There is no workaround for the 'Edit' function. For 'Copy to clipboard', open the URL alias in a new tab and copy it from the browser's address bar.

Versions affected:

Cloudera Data Visualization 7.1.3

Fixed in version:

Cloudera Data Visualization 7.1.4

Cloudera issue:

N/A

Change password screen shown on page refresh for autologin user

If an unauthenticated/autologin user accesses a public workspace dashboard on an Incognito tab and then refreshes or tries to reload the page, it can unexpectedly trigger the display of the Change Password modal.

Workaround:

To resolve this issue, change the autologin user's password once using the Change Password modal. After changing the password, the issue should no longer occur and the autologin functionality will work as expected.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2122

Selecting NULL values can cause ParseException syntax error from Cloudera Data Visualization 7.1.3

After upgrading to Cloudera Data Visualization 7.1.3 or later, selecting "NULL" values in filters may lead to a ParseException syntax error.

Workaround:

To resolve this issue, deselect the "NULL" value in the picklist filter.

Versions affected:

Cloudera Data Visualization 7.1.3 - 8.0.0

Fixed in version:

N/A

Cloudera issue:

VIZ-2224

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
  partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.2

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization.
You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

> Show selected in a filter list selection may not show all selections depending on the data type. A fix
> is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

> Non-romanized or character-based alphabets are not consistently supported across various visual
> types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/
> Excel downloads and general dashboard viewing is available for all languages.

> The following languages are not supported when using a table visual.

In Cloudera AI:	In Cloudera Data Warehouse:
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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Importing visual artifacts can fail in some systems, even with the "Disregard artifacts that exist in other workspaces" option selected

Manually edit the UUID of objects in the exported JSON file with a suffix like '-import'.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2050

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on CDP Private Cloud

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-984

Saved value does not show properly when arcapi is present

> After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

> For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Importing visual artifacts can fail in some systems, even with the "Disregard artifacts that exist in other workspaces" option selected

Manually edit the UUID of objects in the exported JSON file with a suffix like '-import'.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2050

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on CDP Private Cloud

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Issue with impersonation in CDW Impala connections

You may see the following error while creating or editing the data connection to a CDW Impala or Hive Virtual Warehouse and using the connection details auto-populated from the CDW Warehouse drop-down:

User <username> is not authorized to delegate to <username>.

This happens because the Impersonation and Trusted Impersonation options are both enabled.

Workaround:

If the message appears when creating a new data connection, try refreshing the page. This will reset the Impersonation and Trusted Impersonation options.

If the message appears on the Edit Data Connection modal, copy the hostname, username, HTTP path, and other values present on the Advanced tab, and manually edit the existing CDW Hive connections. A manual edit will typically not trigger this bug.

Versions affected:

Cloudera Data Visualization 7.1.1-7.1.5, CDV 7.1.6-b8

Fixed in version:

Cloudera Data Visualization 7.1.6.2-3

Cloudera issue:

VIZ-2269

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
  partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.1.0

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible

Workaround:

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on CDP Private Cloud

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

> VIZ-2088

Partitioned Cloudera Impala on premise extract tables cannot be updated

> Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

> Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.
>
> A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.
>
> 1. Create a temporary table (database_name.new_table_name) that supports altering.
>
> ```
> create table DATABASE_NAME.CDV_TABLE_NAME_NEW
>   (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
>   STRING) tblproperties('transactional'='false');
> ```
>
> 2. Copy existing data from the original extract target.
>
> ```
> insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
>  partition(PARTITION_FIELD) select * f
> rom DATABASE_NAME.CDV_TABLE_NAME;
> ```
>
> 3. [Optional] Save the original extract target as a backup.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME rename
> to DATABASE_NAME.CDV_TABLE_NAME_BAK;
> ```
>
> 4. Make the temporary table the current extract target.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
> to DATABASE_NAME.CDV_TABLE_NAME;
> ```

Versions affected:

> Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-3042

Known issues and limitations in Data Visualization 7.0.5

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

> Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Upgrade snowflake-connector-python when the corresponding issue is fixed

> For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

> Cloudera Data Visualization 7.2.2

Cloudera issue

> VIZ-1455

Console errors when queries are automatically cancelled

> Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

> None

Versions affected:

> Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

> Cloudera Data Visualization 7.1.0

Cloudera issue:

> VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible

Workaround:

> To resolve this issue, switch to non-legacy connections.

Versions affected:

> CDV 7.0.3 - 7.1.0

Fixed in version:

> Cloudera Data Visualization 7.1.1

Cloudera issue:

> VIZ-1555

"Refresh" button not visible in Connection Explorer for Arcadia connections

> The Refresh button is not available in the Connection Explorer. The visibility of this button is meant to be controlled by the Hide "Refresh" button from Connection Explorer in Site Settings, but changing the setting has no impact for the arcengine connection.

Workaround:

> None

Versions affected:

> Cloudera Data Visualization 7.0.4 - 7.0.5

Fixed in version:

> Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1799

Filters breaking on spaces and special characters

Filters with column names that contain spaces or special characters return a syntax error when added to the dashboard or to a visual's shelves.

Workaround:

To resolve this issue, bracket the column names affected in the filter's expression editor.

Versions affected:

Cloudera Data Visualization 7.0.5 - 7.1.1

Fixed in version:

Cloudera Data Visualization 7.1.0-b3

Cloudera issue:

VIZ-1876, VIZ-1896

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Trusted impersonation does not work for Impala in Cloudera Datawarehouse on CDP Private Cloud

Impersonation should be the default setting used for these connections.

Workaround:

To resolve this issue, manually edit the data connection to use impersonation if trusted impersonation is enabled.

Versions affected:

Cloudera Data Visualization 7.1.1 - 7.1.2

Fixed in version:

Cloudera Data Visualization 7.1.3

Cloudera issue:

VIZ-2088

Partitioned Cloudera Impala on premise extract tables cannot be updated

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    ```
    create table DATABASE_NAME.CDV_TABLE_NAME_NEW
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     STRING) tblproperties('transactional'='false');
    ```

2. Copy existing data from the original extract target.

    ```
    insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
     partition(PARTITION_FIELD) select * f
    rom DATABASE_NAME.CDV_TABLE_NAME;
    ```

3. [Optional] Save the original extract target as a backup.

    ```
    alter table DATABASE_NAME.CDV_TABLE_NAME rename
    to DATABASE_NAME.CDV_TABLE_NAME_BAK;
    ```

4. Make the temporary table the current extract target.

    ```
    alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
    to DATABASE_NAME.CDV_TABLE_NAME;
    ```

Versions affected:

> Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-3042

Known issues and limitations in Data Visualization 7.0.4

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

Picklist in complex data types Show Selected unselects previous selections

> Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Disable CDW warehouse input if there are no options

In CDW, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible

Workaround:

To resolve this issue, switch to non-legacy connections.

Versions affected:

CDV 7.0.3 - 7.1.0

Fixed in version:

Cloudera Data Visualization 7.1.1

Cloudera issue:

VIZ-1555

Line labels are enabled with display formatting for combined visuals

Workaround:

To resolve this issue, uncheck Label measure values next to points in combined visuals with line graphs.

Versions affected:

Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

        VIZ-1702

Switching dashboard sheets in view mode results in JS error

Workaround:

        To resolve this issue, edit a visual in a dashboard.

Versions affected:

        Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

        7.0.4-b41

Cloudera issue:

        VIZ-1733

Trigger Jobs fail with "name 'username' is not defined" NameError

Workaround:

        None

Versions affected:

        Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

        7.0.4-b41

Cloudera issue:

        VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

        To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

        Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

        7.0.4-b41

Cloudera issue:

        VIZ-1743

"Refresh" button not visible in Connection Explorer for Arcadia connections

        The Refresh button is not available in the Connection Explorer. The visibility of this button is meant to be controlled by the Hide "Refresh" button from Connection Explorer in Site Settings, but changing the setting has no impact for the arcengine connection.

Workaround:

        None

Versions affected:

        Cloudera Data Visualization 7.0.4 - 7.0.5

Fixed in version:

        Cloudera Data Visualization 7.1.0

Cloudera issue:

        VIZ-1799

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

> N/A

Versions affected:

> Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

> Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

> VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

> Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

> Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.
>
> A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.
>
> 1. Create a temporary table (database_name.new_table_name) that supports altering.
>
> ```
> create table DATABASE_NAME.CDV_TABLE_NAME_NEW
>   (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
>   STRING) tblproperties('transactional'='false');
> ```
>
> 2. Copy existing data from the original extract target.
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> ```
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>  partition(PARTITION_FIELD) select * f
> rom DATABASE_NAME.CDV_TABLE_NAME;
> ```
>
> 3. [Optional] Save the original extract target as a backup.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME rename
> to DATABASE_NAME.CDV_TABLE_NAME_BAK;
> ```
>
> 4. Make the temporary table the current extract target.
>
> ```
> alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
> to DATABASE_NAME.CDV_TABLE_NAME;
> ```

Versions affected:

> Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

> Cloudera Data Visualization 7.2.9

Cloudera issue:

> VIZ-3042

Known issues and limitations in Data Visualization 7.0.3

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

> Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

> N/A

Cloudera issue

> VIZ-1181

Disable CDW warehouse input if there are no options

> In CDW, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

> 7.0.5

Cloudera issue

> VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

> For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

> None

Versions affected

> Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

> Cloudera Data Visualization 7.2.2

Cloudera issue

> VIZ-1455

Console errors when queries are automatically cancelled

> Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

> None

Versions affected:

> Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

> Cloudera Data Visualization 7.1.0

Cloudera issue:

> VIZ-1457

When downloading CSV and Excel files using legacy Arcengine, Impala, or Hive connections only headers are visible

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Versions affected:

> CDV 7.0.3 - 7.1.0

Fixed in version:

> Cloudera Data Visualization 7.1.1

Cloudera issue:

> VIZ-1555

Custom background color assignment on dimensions or measures not possible

> Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

> To resolve this issue, add such basic custom styles into the application.

Versions affected:

> Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

> 7.0.4

Cloudera issue:

> VIZ-1580 & VIZ-1060

Trigger Jobs fail with "name 'username' is not defined" NameError

Workaround:

> None

Versions affected:

> Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

> 7.0.4-b41

Cloudera issue:

> VIZ-1742

Line labels are enabled with display formatting for combined visuals

Workaround:

> To resolve this issue, uncheck Label measure values next to points in combined visuals with line graphs.

Versions affected:

> Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

> Cloudera Data Visualization 7.0.4-b41

Cloudera issue:

> VIZ-1702

Switching dashboard sheets in view mode results in JS error

Workaround:

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Versions affected:

> Cloudera Data Visualization 7.0.3 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1733

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

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Workaround:

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create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
  partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.0.2

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Picklist in complex data types Show Selected unselects previous selections

Show selected in a filter list selection may not show all selections depending on the data type. A fix is expected in a future release.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-456

Inconsistent support for non-roman or character-based alphabets across visual types

Non-romanized or character-based alphabets are not consistently supported across various visual types. If not supported, the affected visual is not properly rendered in PDF/PNG downloads. CSV/ Excel downloads and general dashboard viewing is available for all languages.

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Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-984

Saved value does not show properly when arcapi is present

After the fix included for VIZ-1070, a known issue is still present when using arcapi.sendParameters with app-scope filters.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.2 - 8.0.0

Fixed in version

N/A

Cloudera issue

VIZ-1181

Filtering for null values does not work

It is possible to create filters for fields whose set contains NULL values. However, it is not possible to display only the rows that have NULL for the filtered field value.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.2

Fixed in version

7.0.3

Cloudera issue

VIZ-1452

Disable CDW warehouse input if there are no options

In CDW, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version

7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

Issue with old currency display format handling

Workaround

None

Versions affected:

Cloudera Data Visualization 7.0.2

Fixed in version:

7.0.3

Cloudera issue:

> VIZ-1561

Unable to clone visuals in some cases

Workaround

> None

Versions affected:

> Cloudera Data Visualization 7.0.2

Fixed in version:

> 7.0.3

Cloudera issue:

> VIZ-1562

Impala connection failing

> While trying to connect Cloudera Data Visualization on CDSW, the connection test returns an error.
> This is due to a known THRIFT bug.

Workaround:

> None

Versions affected:

> Cloudera Data Visualization 7.0.2

Fixed in version:

> 7.0.2-b35

Cloudera issue:

> VIZ-1568

Custom background color assignment on dimensions or measures not possible

> Cannot fix colors for specific dimension values or numeric ranges when adding background colors
> to tables or crosstabs.

Workaround:

> To resolve this issue, add such basic custom styles into the application.

Versions affected:

> Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

> 7.0.4

Cloudera issue:

> VIZ-1580 & VIZ-1060

If the user has not dismissed the "What's New" modal using the "Got It" button, it can appear in emailed dashboards

Workaround:

> To resolve this issue, click Got It in the What's New modal.

Versions affected:

> Cloudera Data Visualization 7.0.2

Fixed in version:

> Cloudera Data Visualization 7.0.3

Cloudera issue:

VIZ-1605

Trigger Jobs fail with "name 'username' is not defined" NameError

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

To resolve this issue, switch to an email server that supports TLS or SSL.

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

Partitioned Cloudera Impala on premise extract tables cannot be updated

Tables in Cloudera Impala that are both partitioned and set as extract targets cannot be updated directly. This prevents operations such as dropping or adding new partitions.

Workaround:

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```
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 (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
 STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

Known issues and limitations in Data Visualization 7.0.1

Learn about the known issues and limitations that you might experience while using Cloudera Data Visualization. You can find information about the areas of impact, affected product versions, and possible workarounds.

CANCEL button on Edit User or New User modal needs to be clicked twice

Clicking the CANCEL button in the Edit User or New User modals may display an unexpected validation error instead of closing the modal.

Workaround:

The error can be bypassed by clicking CANCEL a second time.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.1

Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-829

Filtering for null values does not work

It is possible to create filters for fields whose set contains NULL values. However, it is not possible to display only the rows that have NULL for the filtered field value.

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.1 - 7.0.2

Fixed in version

7.0.3

Cloudera issue

VIZ-1452

Disable CDW warehouse input if there are no options

In CDW, if there are no associated data warehouses in the same workspace, the dropdown appears, but remains empty. It will be disabled in future.

Workaround

None

Versions affected

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Fixed in version

7.0.5

Cloudera issue

VIZ-1454

Upgrade snowflake-connector-python when the corresponding issue is fixed

For some characters, snowflake queries return "Failed to convert current row, cause: 'utf-8' codec can't decode byte" error (SNOW-182387: UTF-8 decoding exception when querying table in SNOWFLAKE_SAMPLE_DATA).

Workaround

None

Versions affected

Cloudera Data Visualization 7.0.0 - 7.2.9

Fixed in version

Cloudera Data Visualization 7.2.2

Cloudera issue

VIZ-1455

Console errors when queries are automatically cancelled

Cancelled queries may result in intermittent dashboard errors or console errors unexpectedly.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.5

Fixed in version:

Cloudera Data Visualization 7.1.0

Cloudera issue:

VIZ-1457

Email fails with error

TLS and SSL can both be enabled even if they are mutually exclusive. This results in an error and sending the email fails.

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.1

Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-1486

Custom background color assignment on dimensions or measures not possible

Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

To resolve this issue, add such basic custom styles into the application.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

7.0.4

Cloudera issue:

VIZ-1580 & VIZ-1060

Trigger Jobs fail with "name 'username' is not defined" NameError

Workaround:

None

Versions affected:

Cloudera Data Visualization 7.0.1 - 7.0.4

Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1742

Emailing jobs fail when SSL and TLS errors are disabled

Workaround:

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Versions affected:

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Fixed in version:

7.0.4-b41

Cloudera issue:

VIZ-1743

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

Cloudera issue:

VIZ-2058

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    rom DATABASE_NAME.CDV_TABLE_NAME;
    ```

3. [Optional] Save the original extract target as a backup.

    ```
    alter table DATABASE_NAME.CDV_TABLE_NAME rename
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4. Make the temporary table the current extract target.

    ```
    alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
    to DATABASE_NAME.CDV_TABLE_NAME;
    ```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042

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Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.1

Fixed in version:

Cloudera Data Visualization 7.0.2

Cloudera issue:

VIZ-829

Excel or streaming CSV download error for Boolean data types

When the Number of rows downloaded during CSV/Excel export and Detailed Data setting is applied for Excel downloads (all connections) or CSV downloads (Impala/Hive connections), Boolean data types will cause download error.

Workaround:

To resolve this issue, cast the Boolean data as a string or number.

Versions affected:

Cloudera Data Visualization 7.0.0

Fixed in version:

Cloudera Data Visualization 7.0.1

Cloudera issue:

VIZ-1380

Custom background color assignment on dimensions or measures not possible

Cannot fix colors for specific dimension values or numeric ranges when adding background colors to tables or crosstabs.

Workaround:

To resolve this issue, add such basic custom styles into the application.

Versions affected:

Cloudera Data Visualization 7.0.0 - 7.0.3

Fixed in version:

7.0.4

Cloudera issue:

VIZ-1580 & VIZ-1060

Histogram visual fails with an execution error "e.map is not a function"

Workaround:

N/A

Versions affected:

Cloudera Data Visualization 6.2.6 - 7.1.4

Fixed in version:

Cloudera Data Visualization 7.1.4-b74

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Workaround:

Move the data to a new table that supports altering commands. Then replace the original extract table by renaming the newly created table. Optionally, you can create a backup of the original table before replacing it.

A sample SQL workflow is provided below. Customize the components marked in blue, while the remaining parts of the query are standard.

1. Create a temporary table (database_name.new_table_name) that supports altering.

```
create table DATABASE_NAME.CDV_TABLE_NAME_NEW
  (TABLE_DEFINITION) partitioned by (PARTITION_FIELD
  STRING) tblproperties('transactional'='false');
```

2. Copy existing data from the original extract target.

```
insert into DATABASE_NAME.CDV_TABLE_NAME_NEW
 partition(PARTITION_FIELD) select * f
rom DATABASE_NAME.CDV_TABLE_NAME;
```

3. [Optional] Save the original extract target as a backup.

```
alter table DATABASE_NAME.CDV_TABLE_NAME rename
to DATABASE_NAME.CDV_TABLE_NAME_BAK;
```

4. Make the temporary table the current extract target.

```
alter table DATABASE_NAME.CDV_TABLE_NAME_NEW rename
to DATABASE_NAME.CDV_TABLE_NAME;
```

Versions affected:

Cloudera Data Visualization 7.2.8 and all earlier versions

Fixed in version:

Cloudera Data Visualization 7.2.9

Cloudera issue:

VIZ-3042