

RELEASE NOTES

# Panopticon

Version 2022.0

## New Features

Web Authoring/UX	
Feature ID	Description
DDTV-17799	Sample data settings in R and Python transforms
DDTV-18028	Vertical scroll bar added in the Folder Permissions dialog
DDTV-17273	Code editor improvements for SQL, JavaScript, Python and R
DDTV-17620	Ability to automatically scroll data table list panel to a position where the currently selected data table is visible
DDTV-15104	Correct labeling in aggregation settings
DDTV-17263	Support hiding of Refresh and Pause Real-Time buttons
DDTV-16906	Spinner icon added on the Login button when performing a login
DDTV-16650	Color mapping list to layout items in columns
DDTV-17619	Enable display of numeric filter for single value domain
DDTV-17258	Selection lists to sort column names for display
DDTV-17822	Dashboard tab to allow renaming immediately after creating a new workbook

Server Improvements	
Feature ID	Description
DDTV-10462	Delta compression for real-time subscription updates
DDTV-17739	Ability for a user with a Designer role to view the custom fonts available on the server

## Visualization

Feature ID	Description
DDTV-16871	Ability to override the axis title
DDTV-17550	Support for shapes in the Table Dot Plot

## Analytics

Feature ID	Description
DDTV-17683	Ability to have live data-driven parameters, not only initial value
DDTV-17309	Ability to set parameter to pass a constant value in Actions
DDTV-17876	Support for the Action Text Box to display Title when used with the Form mode

## Data Framework

Feature ID	Description
DDTV-16437	Support for column name length limitation (128 characters) in the Text connector
DDTV-17108	Enable passing global parameters in data extract preview
DDTV-17544	Show confirmation dialog before deleting used data table

## Streams Server

Feature ID	Description
DDTV-18061	Transform operators are not run if the input data set has zero rows or if there has been no update since the last transform
DDTV-18101	Increase of interval for checking connection status to 10 seconds

DDTV-18110	Automatically focus to the Settings tab when adding a new operator
DDTV-17773	Code editor improvements to Python and R Transform operators

## Reporting

Feature ID	Description
DDTV-17410	Ability to view the error on the tooltip for failed results in the Scheduler list
DDTV-17421	Support for hyperlink on the email image to include parameter and/or bookmark

## Data Connectivity

Feature ID	Description
DDTV-17900	Kx kdb+ c.java updated to the latest version
DDTV-17446	Automatic quoting of parameters in the OneTick connector
DDTV-18128	Updated Log4j dependencies for Elasticsearch 6.x and 7.x to version 2.17.1

## UX/UI

Feature ID	Description
DDTV-17502	Order of denied permissions reversed to conform with allowed (Read/Write/Modify) in the Permissions dialog
DDTV-17737	Better dialog message after uploading font
DDTV-17722	Text areas in the Settings panel take up the entire width
DDTV-17725	Ability to set the label width in Numeric Action Slider

## PCLI

Feature ID	Description
DDTV-17833	Support to update workbook data tables with mock data based on the stored schema

## Deprecated Parts and Functionalities

The deprecation of Desktop Designer (DDTV-17663) included the removal of the following parts and functionalities.

### Desktop Designer

Feature ID	Description
DDTV-17902	Desktop Designer Installer and zip distribution
DDTV-17699	SOAP endpoints
DDTV-17934	Desktop Designer documentation

### .NET and Java Visualization SDK

Feature ID	Description
DDTV-17939	SDK Javadoc
DDTV-17940	NetBeans project files
DDTV-17942	SDK examples

### Other Deprecated Features

Feature ID	Description
DDTV-17745	Elasticsearch 5.x connector
DDTV-17841	Altair Monarch Content Server connector
DDTV-17422	Deprecated REST service endpoints <ul style="list-style-type: none"> <li>GET media/image/dashboard</li> <li>GET media/image/dashboard/part</li> </ul>

## Warnings

In the 2022.0 release of Panopticon Real-Time, Delta Subscription updates are enabled per default. While Delta compression will help in reducing bandwidth consumption, it also consumes more CPU when sending subscription updates. If the web client displays errors such as the below:

**Subscription terminated: Data load congestion. The maximum failure limit for the subscription has been reached. Increasing the refresh time for data table '[data table name]' might resolve the issue.**

Consider increasing the refresh time to allow for the extra time needed to do the delta compression or disable delta updates globally by setting [subscription.compression.delta.enabled=false](#) in Panopticon.properties.

## Fixed Issues

Issue ID	Description
DDTV-18167	"java.lang.NoClassDefFoundError" observed when generating columns for XML, JSON, Text, and Fix message types
DDTV-18232	Unable to start application from List View if locale is not English
DDTV-17167	Action Date Range Picker getting resized/cropped when in Vertical orientation
DDTV-18135	Inability to repair missing Details column in a visualization
DDTV-17741	Theme default numeric diverging color palette is not applied when changing the theme
DDTV-17627	Backslash lost when passing a string parameter value to Script or URL Action
DDTV-17801	Automatic range for Color variable is not working in the Heat Matrix visualization
DDTV-18081	Using the Scheduler > Email Image > Bookmark option does not include the bookmark image in the email sent
DDTV-17676	Manually changed text color assignment is not applied in old workbook
DDTV-17623	Validating calculated column in the Data Table Editor view logs server errors when having dependent columns
DDTV-17996	Timeout not working correctly for URL-based connectors when the OAuth server is not responding
DDTV-15537	Image generation issue in Surface 3D visualization
DDTV-17851	"Unknown datum type java.lang.Byte" error if the output column data type is Boolean for R Transform in the Streams Server
DDTV-17655	REST Transform does not use preceding applied transforms in schema generation
DDTV-17418	"Invalid Configuration" error when using the Stream Simulator and a transform that changes the schema
DDTV-18235	JavaScript error when undoing rank filter
DDTV-18077	Color Palettes page does not refresh after palette import
DDTV-18145	JavaScript error when clicking on the Sorting icon without any value
DDTV-17670	Zoom reset on data reload setting not always applied
DDTV-17887	Action Text Box default title does not include the parameter name



DDTV-16778	Error when using Copy Data from the context menu with a workbook that is not yet saved
DDTV-16736	Error when using Export Excel (CSV format) with a workbook that is not yet saved
DDTV-17770	Column Type selection not displayed in the Edit Data Table view when using IE 11
DDTV-17636	Minor grid lines in the Surface Plot graph displays as bold in the downloaded PDF
DDTV-17652	Data was not copied in the Table visualization after selecting Collapse All then Copy Data

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