

NEW FEATURES AND IMPROVEMENTS

FEATURE TYPE	DESCRIPTION
<p>NEW FEATURES</p>	<ul style="list-style-type: none"> • Document backup/restore process for standalone Linux server • Support single sign-on for single Swarm installation on Linux - AD • Single server installer for Linux • Script to update Swarm license • Document Linux server configuration (k8s single node cluster) • Linux: Log in via single sign-on • Metering of Swarm data processing, e.g. for license limits • Distributed tracer • Distributed logs • Web app shared file library • Implement web app self-healing • Distributed cache for the Swarm webapp • Third-party dependencies deployment • Cluster fault tolerance (health checks, replication, self-healing) • Scalable Internal file library • Scalable Swarm web app
<p>IMPROVEMENTS</p>	<ul style="list-style-type: none"> • Metering statistics Max Rows and Max Report Pages changed to display in millions • Add logging for recommendation version

FEATURE TYPE	DESCRIPTION
IMPROVEMENTS	<ul style="list-style-type: none">• Installation and deployment guide improvements• Add information about consumers and analysts on license information tab• Support custom drivers (not embedded) - cluster• Support export/import of workspaces with Report Data Sources and Models• Improved suggestions for data sources with a parent on Linux• Support custom drivers (not embedded) for Linux single-server• Persistence on AWS

RESOLVED ISSUES

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none">• Unexpected error if trying to edit model in workspace with applied join/append/transformation• Database error is returned if user opens published table with pivot/transpose• Pivot and transpose: only 100 columns are returned in the resulting table• Database error is returned instead of data if fuzzy matching is used for the second join or later in a workspace• Database error is returned if user tries to open the last page of complex tables with many rows

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none"> • Swarm upgrade for Windows documentation incorrect for shutting down PostgreSQL • Extra message when user saves workspace after changing its permissions • Oracle Data Source: data for some date columns fail to load • An extra error is shown if the user tries to export table to library if they have "View Only" permissions on the table and workspace • Report data not shown if "Adjust All Fields" is clicked multiple times in succession • Curators are removed after renaming folder • Suggestions work incorrectly if user adds a lot of tables to a workspace • Server CPU maxes out if using report verify multiple times on a large PDF • Performance issue with workspace • Folder isn't returned in the if it was shared with group (not Everyone group) • Out of memory error is thrown while Spark job is run • Missing custom database fields on the edit connection page • Storage Folder on S3 doesn't work with Swarm installation on AWS • Add data source: data isn't loaded into cache when adding published and internal data sources • No data displayed when saving a workspace with regex traps • Add/edit form for Google Adwords has cropped input fields (IE 11) • Not all folders are visible when moving objects in the list if there are a lot of them • A separate column is created for each line in a multi-line template if a user uses Auto-Define Fields

FEATURE TYPE	DESCRIPTION
<p>BUG</p>	<ul style="list-style-type: none"> • Single sign-on login works only on the second attempt • The difference in length between input field and sample line is incorrect in Internet Explorer • Unexpected behavior if user scrolls through data using the selection area • Horizontal scrolling does not work in Edge when trapping • Database error is returned on the second (or more) Append, Join or Transform if there is Calculated Field in the child table • Grey page is presented if user starts scrolling report data source that has more than 90 lines on the page • Swarm Lists: the previous opened folder is opened when user logs in after the token has expired • Table fails to load if opened during request to load a broken table • "Like" and "Dislike" labels in library are not displayed when mouse hovers like icon (IE11, Edge) • Workspace with attached model is incorrectly from Data Prep Studio to Swarm • Report verify: blank space at the bottom of the page is shown if all fields are adjusted and verify is completed • "Net Suite table" is displayed in Swarm Library Type column instead of "NetSuite table" • Follow icon is incorrectly displayed above Preview and Notifications form • Scrolling doesn't work correctly if Multi-column region is used when trapping using Edge • Icons decrease in size for published tables or schedules with long names

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none"> • Export to Access/Excel: selected macros isn't inserted into Table Name • Case where object permission is incorrectly updated when changing permissions for folder • Wildcard option for model incorrectly considering uniqueness during save • Data Source isn't saved on changing connection from Database to File Library • "Edit Data Source Settings" hint is shifted on the Publish form, pencil for editing published data source name is small, script error appears if hover the pencil icon by mouse • Sharing: it is possible to share (set curator) objects to disabled users • Unexpected error after fresh install of Swarm • Add Data Tab: Drop screen isn't opened when tab opens • Swarm Library: Default folder is opened instead of previously opened after creating workspace/going to other tab/refreshing • Incorrect error is thrown when user tries to log in with wrong credentials in Edge • Table Panel: sub-table menu is displayed under opened sections in "Workspace Overview" tab and "Drop files" form • "Processing...." spinner appears instead of "No Data" label in empty workspace • Incorrect handling of the case when Machine Learning loses connection to database • Full/Inner Negative Join: DB Error on using New Column as key in Join • IE doesn't work in development mode • Option for moving columns is displayed on Pivot form for Groups columns

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none"> • Unexpected error and Data Source is not created in case when user uploads not supported file and changes on valid format • Connection to SQL database fails for some machines • Some recommendations and ratings are not returned • "Share" button is disabled on sharing folder dialog in case if "Request Curation" checkbox is selected and user was not set in "Curator" text field • Calculated Field: RedactStrikeoutDigits: digit is skipped and result is %text% without digit instead of Null • Export to Library: broken internal data source is created if export to Library fails • Calculated Fields: Apply button is still disabled when validate request doesn't fail • Export to Library (Cassandra) fails (On prem environment) • Connections: No warning message on UI about already existing connection • Calculated Field: RegexExtract returns "Null" instead of blank if extract part doesn't exist in the original string • Calculated Field: inconsistent result after Splits functions for Null value • No "Counting the Rows...%bytes already uploaded%" spinner on Drop screen • Chrome auto-fill enters application user name and password for connections • Incorrect behavior for input field if In/Not In operator is selected for filter • Edit data source form closes when user clicks "Cache Statistics Now" button • Incorrect search results are displayed in library after moving an object • Recent updates widget displays icon of creator instead of the correct user

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none"> • License Information counts disabled users as enabled • Disable Account toggle is displayed on add new user form • Option to move columns is displayed on extract rows form • Unexpected delay when entering a value in the RegEx mode • Changes in replacing connection should be applied only for JSON, XML, Report data sources • Info and Statistics tab is opened when user uses buttons from grid navigation panel • Logout works incorrectly in specific cases • Apply button is enabled for joins in case where necessary information is missing • Incorrect data after split into fiscal parts if there are Format and Filter changes from Data Prep Studio prior to the split • Incorrect formatting for date in group and pivot for &[fdayofyear] • Connection to IBM Cognos doesn't work on Linux • "Select duplicates" and "deselect duplicates" don't work in join • Specific case where users are unable to rename a folder • Incorrect default path in location field for Salesforce data sources in workspace • Snapshot of Cassandra isn't created if it was installed with default settings • When two users save a workspace concurrently the second users workspace does not open • Long names are not correctly displayed on Activities feed widget • Database error when column used to group as a name that contain \ or "

FEATURE TYPE	DESCRIPTION
BUG	<ul style="list-style-type: none"> • There are more columns than the specified column limit (+1) in data grid • Filter saved as enabled on saving a workspace with an incorrect filter expression • Pivots with long resulting column names not working • When performing a group transform search field in "columns to include" is missing • Search text field in transform tables is case sensitive • Append radio button options disabled when 'Auto' switch is off • Database error if there are more than 59 characters in any cell in the first column with a transpose • Connection error for certain type of data source created through a web link • Column for fuzzy matching result is not published in Swarm when imported from Data Prep Studio • Named range tables aren't opened for imported .xlsx and .xls files from Data Prep Studio • Incorrect description for some changes in Change History