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Read the *Data Profiling Release Notes* to learn about the known limitations and fixed limitations in Data Profiling.

Fixed limitations

The following tables describe the Informatica Intelligent Cloud ServicesSM Data Profiling fixed limitations. Not all monthly releases include fixed limitations.

The following table lists the fixed limitations that were fixed in December 2022 release:

Issue	Description
CP-9612	If a profile has no columns selected but includes associated rules, the insights inference job fails.
CP-7585	When you run a profile after you change the source or connection, the Insights tab displays the insights inferred from the previous source and does not infer insights from the changed source.
CP-7934	<p>When you save a profile, the following error message appears: Internal system error. Contact Informatica Global Customer Support.</p> <p>This issue occurs in the following scenario:</p> <ul style="list-style-type: none">- You delete a rule that has an associated rule occurrence and save the profile. The associated rule occurrence is automatically deleted from the profile.- You make any of the following modifications and save the profile:<ul style="list-style-type: none">- Add a new rule occurrence.- Add the previously deleted rule occurrence.- Edit or delete the existing rule occurrences.
CP-7388	When you delete a rule from a profile, the associated rule occurrences are automatically deleted from the profile. When you add the deleted rule occurrence again to the profile and save the profile, the following error message appears: 400 Bad Request: [\n {"message": "Content-Service: Request Failed", "stackTrace": "The Reference ID that you entered already exists. Enter a different Reference ID and try again."}]

Issue	Description
CP-7166	<p>When you save a profile, the following error message appears: Internal system error. Contact Informatica Global Customer Support. This issue occurs in the following scenarios:</p> <ul style="list-style-type: none"> - When you delete a rule that has an associated rule occurrence in a profile that has more than one rule occurrence and save the profile. - When you delete a rule occurrence from a profile that is associated with more than one rule occurrence and save the profile. <p>Caution: Do not delete rule occurrences from a profile that is associated with more than one rule occurrence. If you delete a rule occurrence from a profile that is associated with more than one rule occurrence, save the profile, and reload the page, then all the existing rule occurrences of the profile are also deleted from the Metrics tab.</p>
CP-6888	When you associate a profile with maplets of same input and output transformation names, the profile execution fails with the following error message: Internal error. The DTM process terminated unexpectedly. Contact Informatica Global Customer Support.
CP-9617	If a parquet source object includes a filename same as the column name, the profile job fails.
CP-8620	When the source file contains more than 150 columns, the profile job fails for a parquet source object and the following error message occurs: org.apache.spark.sql.AnalysisException: cannot resolve '<column_number>' given input columns.
CP-9567	When you import a profile that contains a column of BigNumeric datatype, the profile job fails with an internal error message.

The following table lists the fixed limitations that were fixed in November 2022 release:

Issue	Description
CP-9292	Data Profiling does not include an option to stop the profiling jobs that are in progress.
CP-9365	When a user without the delete schedule job privilege attempts to delete a profile job that has a schedule configured, the profile job gets deleted.
CP-9311	When you set \$PMCacheDir to a custom location, such as /root/test/Cache in the Secure Agent, the drilldown of a profile fails.
CP-9306	You can use the CreateProfile REST API call to create a profile with a JSON source object without providing the formatting options details.
CP-9213	When you apply the SQL filter on the Google BigQuery source object, Data Profiling displays inaccurate profile results.
CP-9344	Data Profiling displays incorrect number of profiled rows on the Job Properties page.
CP-9329	When the random sampling option is set to read 1 billion rows and a Snowflake source object contains 3 billion rows, the profile job fails with the following error message: [FATAL] The Snowflake Connector failed to read data from the source because of the following error: SQL compilation error: parameter value out of range: size of fixed sample. Must be between 0 and 1,000,000.
CP-7948	When you run a profile with the Does Not Contain operator as a filter, incorrect profile results appear if the source data fields contain null values. The profile results does not display the source data fields that contain null values.

Issue	Description
CP-7899	Data Profiling does not retain the CLAIRE™ recommendation preferences when you copy or move a profile to another location.
CP-7911	<p>When you save a profile, the following error message appears: 400 Bad Request:[\ {"message":"Content-Service: Request Failed","stackTrace":"The Reference ID that you entered already exists. Enter a different Reference ID and try again."}]</p> <p>This issue occurs in the following scenario:</p> <ul style="list-style-type: none"> - You make any of the following modifications before the blue dot disappears for the rule occurrences and save the profile: <ul style="list-style-type: none"> - Add a new rule occurrence. - Edit or delete the existing rule occurrences.
CP-6777	When you create a profile after you shift to a sub-organization from a parent-organization, the profile run fails.

The following table lists the fixed limitations that were fixed in October 2022 release:

Issue	Description
CP-8962	The options in the Serverless Usage Properties section appear blank for profiles that had the options enabled in the previous profile runs.
CP-7082	When you create a rule occurrence for a profile and view the scorecard, the scorecard dashboard in Data Governance and Catalog loads with the following message: You do not have sufficient permissions to access this page or this page no longer exists.
CP-8815	When you update a profile with a filter and apply a rule without selecting columns, Data Profiling displays an SQL error message.
CP-7898	When you export a profile, the rule specifications that are automatically created from approved insights are missing.
CP-6445	When you enter a query that is more than 255 characters in the SQL Override Query field, an error occurs while saving the profile.
CP-7349	When you create a profile that contains two or more columns with the space character, the profile job fails with the following error message: "Profile job failed with error Fields to link were not initialized to the translator or does not exist.. "

The following table lists the fixed limitations that were fixed in August 2022 release:

Issue	Description
CP-8786	When you create and save a profile with ten or more rule occurrences, the Rule Occurrences section in the Metrics tab displays duplicate rule occurrences.
CP-6088	The Results tab incorrectly interprets blank column data as null values.
CP-8556	The Results tab displays incorrect rule results for columns of type integer and date. The issue occurs for rules that you create with the Completeness Check insight.
CP-8564	Data Profiling does not display the Override Column Metadata dialog box.

Issue	Description
CP-8505	A profile job fails for a Snowflake data source in the following scenario: <ul style="list-style-type: none"> - The source object name is enclosed in single or double quotation marks, and the name of a column in the source data is also enclosed in single or double quotation marks. - You apply a filter and a rule to the column.
CP-4816	When the query name or profile name contain a multi-byte character, the query runs for a long time and the following error message appears: 'WRT_8373 Error: Cannot open reject file'. This issue occurs if you create a flat file connection on RedHat Enterprise Linux version 7.5.
CP-4111 and 4112	After you create a profile and drill down on a NULL column value, the Profile Results section displays null values instead of empty string values.
CP-2177	If the rule output contains only null values, the drilldown results do not appear for rules.
CP-8838	You cannot view tables of a particular schema in the Select a Source Object dialog box. This issue occurs for source objects that do not have a name.
CP-6090	The My Jobs page incorrectly displays the status of the data profiling tasks as running even though the tasks are complete.
CP-4457	The outlier job fails with <code>Java heap space</code> error when you set the maximum value frequency pair to 10,000.
CP-8839	You cannot run a profile on 2.8 billion Snowflake rows with that includes a sampling set of 1 million records.
CP-2048	If rule results contain null values, the values for the % Null and # Null columns display 0.

The following table lists the fixed limitations that were fixed in July 2022 release:

Issue	Description
CP-8513	A profile job fails for a Microsoft Azure Synapse SQL source data while fetching the source object row count. The issue occurs when the authentication mode on the SQL Server connection is Active Directory Password.

The following table lists the fixed limitations that were fixed in June 2022 release:

Issue	Description
CP-8327	A profile job fails for a Snowflake data source in the following scenario: <ul style="list-style-type: none"> - You configure the sampling option in the profile. - The source object name is enclosed in double quotation marks.
CP-8328	A profile job fails for a Snowflake data source if the source object name is enclosed in single quotation.

The following table lists the fixed limitations that were fixed in February 2022 release:

Issue	Description
CP-6966	The drill down feature on the profile results fail with the following error message: <code>Query results file was not found</code> . This issue occurs when you modify the value of <code>\$PMSessionLogDir</code> in the Data Integration Server system configuration.
CP-7485	The Data Preview table does not display the query results in the following scenario: <ul style="list-style-type: none"> - Run a profile using Databricks with an ODBC connection. - The connection includes the schema name. - You drill down on a column that lists value frequency.
CP-7198	Profile execution with rule specification fails for Avro or Parquet file format types when the logic in the rule specification uses either Valid or Invalid statuses in the output port.
CP-5756	The drill down feature on the profile results fail with the following error message: <code>Query results file was not found</code> . This issue occurs when you modify the value of <code>\$PMWorkflowLogDir</code> in the Data Integration Server system configuration.
CP-6517	Does Not Contain is added as an operator in the filter for profile run in Data Profiling.
CP-5306	When you run a profile on a table that has columns with non-numeric data and a precision greater than 4000 bytes, the following error message appears: <code>Select a different Source Object as the selected source has columns with unsupported data types or a precision length greater than 4000 bytes</code> .
CP-7246	When you delete a rule associated with a rule occurrence, the invalid rule occurrence in the profile is not automatically deleted even after a successful profile run.
CP-7244	When you delete a rule associated with a rule occurrence, you cannot save the profile but can modify the invalid rule occurrence in the profile. The following error message appears when you save the profile: <code>400 Bad Request:[{"message":"Content-Service: Request Failed","stackTrace":"Some elements in request are not present."}]</code>
CP-7160, CP-7253, CP-7280	Profile fails with the following error message: <code>400 Bad Request:[{"message":"Content-Service: Request Failed","stackTrace":"Number of items in input request is more than the limit."}]</code> This issue occurs in the following scenarios: <ul style="list-style-type: none"> - Add 10 or more rule occurrences to a profile. - Delete 10 or more rule occurrences from a profile. - Modify 10 or more rule occurrences in a profile.

The following table lists the fixed limitations that were fixed in December 2021 release:

Issue	Description
CP-5228	You cannot create a profile on the Snowflake table for columns of type varchar with a high precision of 16,777,216 bytes.
CP-6946	Unable to specify the Unload Option when you create a profile on the Amazon Redshift connection.

The following table lists the fixed limitations that were fixed in November 2021 release:

Issue	Description
CP-6514	The profile job fails for a Snowflake connection if the source object name starts with a number. For example, 10_MIL_81_COL.
CP-6180	The profile job fails for a Snowflake connection if you override a schema within the same database.

The following table lists the fixed limitations that were fixed in October 2021 release:

Issue	Description
CP-6310	Data Profiling sorts a column of type Date as String value on the Results page.
CP-6343	Data Profiling sorts columns of type Integer and Decimal as String value on the Results page.
CP-5434	The profile job fails with the following error: <code>com.opencsv.exceptions.CsvMalformedLineException.</code>

The following table lists the fixed limitations that were fixed in August 2021 release:

Issue	Description
CP-6296	Data Profiling does not retain the drilldown results if you perform steps in the following sequence: 1. In the Results tab, perform drilldown on any column value and wait for the results. 2. Navigate to any other page such as Explore, My Jobs , or My Import/Export Log . 3. Go back to the same Results tab where you performed the drilldown operation.
CP-6435	After you delete a user, you cannot open profiles that were created by the deleted user in Data Profiling.

The following table lists the fixed limitations that were fixed in July 2021 release:

Issue	Description
CP-1987	Profile runs fail for data sources with multi-byte column names.
CP-5480	When you create a profile with Avro or Parquet file format types, the profile run fails to consider the schema file that you uploaded.
CP-5431	If you do not have the role to preview data assigned to you, Data Profiling displays an incorrect data preview message.
CP-5914	When you drill down on data that contains quotes, Data Profiling generates incorrect query results.
CP-6086	When the schema name is in mixed-case, the profile job fails for a Microsoft Azure Synapse SQL database table that uses an ODBC connection.
CP-5782	If you select a runtime environment in the Schedule tab, you cannot drill down to view additional profile details.

Issue	Description
CP-5749	When you associate a rule specification that contains a dictionary with a profile, you cannot drill down to view additional profile details. This issue occurs when you configure the Secure Agent with a proxy.
CP-1986	If the source object name contains a multi-byte character, a profile run fails and the following error appears: <code>RR_4035 SQL Error.</code>
CP-2356	When you run a profile on a source object with an Oracle connection, the "ORA-00942: table or view does not exist" error appears for the S_profiling subtask. This issue occurs when the Source Schema Override property value for the Oracle connection is in lowercase or mixed case.

The following table lists the fixed limitations that were fixed in March 2021 release:

Issue	Description
CP-5322	If you use a Microsoft SQL Server connection with Windows Authentication v2, the profile run fails with the following error message: <code>Error connecting to database' in fetching source row count</code>
CP-4265 and CP-4261	When you edit the metadata and change the native data type from flat_string to flat_bigint, a profile run fails for an Azure Data Lake Store Gen2 and Amazon S3 v2 connection and the following error message appears: <code>'[ERROR] java.lang.ClassCastException: java.lang.String cannot be cast to java.lang.Long'</code> .

The following table lists the fixed limitations that were fixed in February 2021 release:

Issue	Description
POP-7048	When you use Internet Explorer version 11, the My Jobs page and Export logs page do not appear for services such as B2B Gateway and Data Profiling.
CP-4718	If you configure the Key Store Password, Trust Store Password, or Key Password attributes for an Oracle connection that is SSL-enabled or SQL Server SSL-enabled, the profile run fails and the following error message appears: <code>'ORA-12203: unable to connect to destination Database driver error.'</code>

The following table lists the fixed limitations that were fixed in Fall 2020 October release:

Issue	Description
CP-519	If a column name in the source object contains a special character, the profile run fails.
CP-3515	When you drill down or query a column that contains a '\n' character, incorrect drilldown results or query results appear.
CP-3443	When you choose a Microsoft SQL Server connection with SQL Server 2019 as the SQL server version and you save the profile, the following error appears: No enum constant
CP-3321	If the profile name contains a multi-byte character, the drilldown fails and the following error appears: WRT_8004. Writer initialization failed [Error opening session output file]

Issue	Description
CP-3320	If the rule output name for a rule in the profile contains a multi-byte character, the profile run fails with the following error: Profile job failed with error java.lang.IllegalArgumentException: Output Port <port> does not exist in specified rule.
CP-3280	If the Verifier asset is configured for full country license, the drilldown fails for the output port of a Verifier rule.
CP-3776	When you apply a filter on a date column for an SQL Server Source, the profile job fails with the following error: to_timestamp' is not a recognised built-in function name

The following table lists the fixed limitation that was fixed in Spring 2020 July release:

Issue	Description
CP-3870	When an organization has more than 500 connections, Data Profiling does not display the Definition, Rules, Schedule, or Data Preview tabs.

The following table lists the fixed limitations that were fixed in Spring 2020 April release:

Issue	Description
CP-594	The profile run for an Oracle data source fails if it supports mixed-case identifiers.
CP-3304	Data Profiling does not auto-assign a rule if a rule with the same name exists in another folder.
CP-2454	When you run a profile that contains a rule, the following error appears if the profile and rule output share the same name: Invalid mapping import and no import log generated.
CP-2355	When you choose an Oracle CDC connection and select the All rows sampling option for a profile, the "ORA-00942: table or view does not exist" error appears for the Fetching the source row count subtask. This issue occurs when you create the Oracle CDC connection with the Source Schema Override property.
CP-2351	An error appears when you import a profile definition from another organization.
CP-2350	When you create a profile, the Connections list incorrectly displays unsupported connections though Data Profiling only supports Oracle, Microsoft SQL Server, ODBC, and flat file connections.
CP-2324	When you run a profile, the "ERROR: nsort_define() returns N" error appears for the s_profiling subtask where N is "-78", "-96", or "-98".
CP-2228	Drilling down on a rule with multiple outputs fails.
CP-2195	When you run a profile that contains rules, the profile run fails if the rule output name has a whitespace.

Known limitations

The following table describes Informatica Intelligent Cloud ServicesSM Data Profiling known limitations in this release:

Issue	Description
CP-9750	When you export a profile that includes rule occurrences, the Assets section in the Export Assets window does not list the connections and runtime environments.
CP-9749	When you open the rule occurrence on the Data Governance and Catalog Asset Details page, the page displays undefined as the Stakeholders details. Workaround: On the Data Governance and Catalog Asset Details page, you can close and reopen the rule occurrence asset.
CP-9748	The Metrics tab does not display rule occurrences when you create rule occurrences in the following sequence: 1. Create and run a profile with a rule occurrence. 2. Delete the rule occurrence from the profile. 3. Create a rule occurrence with the same rule.
CP-9741	The spelling analysis insight does not work for a few columns even if the columns include 95% values that contain 5 or more characters.
CP-9686	When you run a profile that includes a Java transformation mapplet with a date datatype, the profile fails with an internal DTM error.
CP-9808	When you run a Profile with a multi-line JSON source object, the Profile Results page displays null values despite valid data in the source object. Workaround: You can compress the source data in a single line.
CP-9597	If a profile job with associated rules includes a mapplet name that is greater than 80 characters, the profile job fails. Workaround: You can modify the mapplet name to lesser than or equal to 80 characters.
CP-9586	If the value of the <code>\$PMTARGETDIR</code> is set to a custom location, the drilldown results of the csv files do not get cleaned up. Workaround: You can clean the drilldown csv files from the following location: <code>\$PMTARGETDIR/temp/profiling/drilldown</code>
CP-9522	If the Oracle Object Store connection includes source objects with similar column names, an internal errors occurs and the profile job fails. Workaround: You can create a profile that includes distinguished column names from the source object such as INPUT1 and ANT, rather than INPUT1 and input1.
CP-9491 and CP-9455	If the Oracle Object Store connection includes column names with special characters, the profile job fails with either a NULL pointer exception or Profile job failed with error Fields to link were not initialized to the translator or does not exist. error message. Workaround: Modify the source object by removing the special characters from the column names before you create and run the profile.
CP-9318	You cannot view the drilldown results for a Databricks connection if the source object contains column names in the lowercase. Workaround: You can modify the column names in uppercase.

Issue	Description
CP-9295	The profile query job fails for a Databricks connection and the following error message appears: "SQL Error [FnName: Prepare -- [Simba][Hardy] (80) Syntax or semantic analysis error thrown in server while executing query." . This issue occurs when the source object metadata contains column names in the mixed-case. Workaround: You can modify the column names in uppercase.
CP-9293	The profile drilldown job fails for a Databricks connection and the following error message appears: "SQL Error [FnName: Prepare -- [Simba][Hardy] (80) Syntax or semantic analysis error thrown in server while executing query." . This issue occurs when the source object metadata contains column names in the mixed-case. Workaround: You can modify the column names in uppercase.
CP-9206	If you select FIRST N ROWS to set the sampling value and also add a query to limit the number of rows, the profiling job fails with the following error message: "[FATAL]The Snowflake Connector failed to read data from the source because of the following error: SQL compilation error: syntax error line 1 at position 241 unexpected 'LIMIT'." Workaround: You can remove the limit syntax from the query.
CP-8898	The Data Preview area displays incorrect results for columns that contain NULL and empty values.
CP-8842	When you drilldown on an empty value frequency, Data Profiling displays NULL value in the data preview section.
CP-7945	When you delete the latest profile run from a profile with multiple runs, the insights generated from the deleted profile run do not disappear from the Insights tab. Workaround: You can rerun the profile to view the Insights based on the latest run.
CP-7486	Data Profiling displays an incorrect data preview message if the column names in the source object are longer than 65 characters. Workaround: You can modify the column name to lesser than 65 characters.
CP-7627	The Data Preview table does not display proper values in the following scenario: <ul style="list-style-type: none"> - Run a profile using Databricks with an ODBC connection. - The columns in the source object contain values with multi-byte characters.
CP-7628	The profile run fails with the following error message: RR_4035 SQL Error [FnName: Prepare - [Simba][Hardy] (80) Syntax or semantic analysis error thrown in server while executing query. Error message from server: org.apache.hive.service.cli.HiveSQLException: Error running query: org.apache.spark.sql.cata. This issue occurs in the following scenario: <ul style="list-style-type: none"> - Run a profile using Databricks with an ODBC connection. - The column name is in mixed-case. - The connection includes the default schema name. Workaround: You can switch to a custom schema that includes a similar table.
CP-7170	When you delete a profile or a profile run with rule occurrences, the corresponding scorecard results are not deleted. Workaround: To resolve this issue, you can delete the rule occurrences before deleting the rule specification from the profile.

Issue	Description
CP-7092	<p>When you delete a rule occurrence from a profile and add the same rule occurrence to the profile, the following error message appears when you save the profile: 400 Bad Request: [{"message": "Content-Service: Request Failed", "stackTrace": "The Reference ID that you entered already exists. Enter a different Reference ID and try again."}]</p> <p>Workaround: To resolve this issue, you can delete the existing rule occurrence, save the profile, and add the rule occurrence again.</p>
CP-6871	<p>Profile execution fails with the following error message: java.lang.NullPointerException. This issue occurs in the following scenario:</p> <ul style="list-style-type: none"> - A profile is associated with an expression transformation. - The transformation includes multiple output ports. - One of the input and output ports share the same name.
CP-6557	<p>When you run a profile with a flat file source object, the profile job fails with the following internal error message: Internal error. The DTM process terminated unexpectedly. Contact Informatica Global Customer Support. This issue can occur if the column name length is 256 characters or more.</p> <p>Workaround: You can reduce the column name length to a value less than 256 characters.</p>
CP-6643	<p>The Data Preview area does not display the query results for a user with the Data Integration Data Previewer role disabled. However, the user can find results in the query results file that Data Profiling generates within the Flat File Query connection utilized.</p>
CP-5812	<p>If a source object of an Amazon Redshift V2 connection contains a column with the timestampz data type, the profile job fails with the following error message: [SDK APP_COM_20000]error [error [An exception occurred while fetching metadata:[Internal error.</p>
CP-4776	<p>The profile job fails for an Amazon S3 connection if you select a .csv file with UTF-8 BOM characters.</p> <p>Workaround: Save the .csv file in UTF-8 format.</p>
CP-2870	<p>When you run a profile multiple times on a Salesforce source object, the inferred data types for columns that contain large numeric values differ in each run.</p>
CP-2843	<p>When you run the profile on a Salesforce source object, incorrect profile results appear for columns with the Time data type.</p>
CP-8883	<p>You cannot save a profile when you add multiple filters of the same type on the same column. For example, a profile with three simple filters on the same column.</p> <p>Workaround: To save the profile, you can add not more than two different filter conditions on the same column.</p>

Informatica Global Customer Support

You can contact a Customer Support Center by telephone or online.

For online support, click **Submit Support Request** in Informatica Intelligent Cloud Services. You can also use Online Support to log a case. Online Support requires a login. You can request a login at <https://network.informatica.com/welcome>.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at <https://www.informatica.com/services-and-training/support-services/contact-us.html>.