

Telemetry collection and analytics

Release Date:
November 2022




Document ID:
B700-1200-012K

Copyright Reference

Copyright © 2022 by Teradata. All Rights Reserved.

All copyrights and trademarks used in Teradata documentation are the property of their respective owners. For more information, see Trademark Information.

Product Safety

Safety type	Description
	Indicates a situation which, if not avoided, could result in damage to property, such as to equipment or data, but not related to personal injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

Warranty Disclaimer

Except as may be provided in a separate written agreement with Teradata or required by applicable law, the information available from the Teradata Documentation website or contained in Teradata information products is provided on an "as-is" basis, without warranty of any kind, either express or implied, including the implied warranties of merchantability, fitness for a particular purpose, or noninfringement.

The information available from the Teradata Documentation website or contained in Teradata information products may contain references or cross-references to features, functions, products, or services that are not announced or available in your country. Such references do not imply that Teradata Corporation intends to announce such features, functions, products, or services in your country. Please consult your local Teradata Corporation representative for those features, functions, products, or services available in your country.

The information available from the Teradata Documentation website or contained in Teradata information products may be changed or updated by Teradata at any time without notice. Teradata may also make changes in the products or services described in this information at any time without notice.

Feedback

To maintain the quality of our products and services, e-mail your comments on the accuracy, clarity, organization, and value of this document to: docs@teradata.com.

Any comments or materials (collectively referred to as "Feedback") sent to Teradata Corporation will be deemed nonconfidential. Without any payment or other obligation of any kind and without any restriction of any kind, Teradata and its affiliates are hereby free to (1) reproduce, distribute, provide access to, publish, transmit, publicly display, publicly perform, and create derivative works of, the Feedback, (2) use any ideas, concepts, know-how, and techniques contained in such Feedback for any purpose whatsoever, including developing, manufacturing, and marketing products and services incorporating the Feedback, and (3) authorize others to do any or all of the above.

Revision History

Revision/Version*	Date	Comments
1.0	January 2022	Initial Release
2.0	November 2022	Added Introduction, Level 1 Detail (L1D) data, and Level 2 Detail (L2D) data topics

Table of Contents

1	Introduction.....	1
1.1	Using the Telemetry Collection and Analytics Content.....	1
1.2	Why Would I Use this Content?.....	1
1.3	How Do I Use this Content?	1
1.4	How Do I Get Started?.....	1
2	Telemetry collection and analytics.....	2
2.1	Level 1 (L1) Data	2
2.1.1	Level 1 Detail (L1D) Data	2
2.2	Level 2 (L2) Data	3
2.2.1	Level 2 Detail (L2D) Data	3

1 Introduction

1.1 Using the Telemetry Collection and Analytics Content

The content describes the Telemetry collection and analytics agent and the Telemetry collection levels.

1.2 Why Would I Use this Content?

You can use the content to understand the Telemetry collection levels, Level 1 (L1) data, and Level 2 (L2) data.

1.3 How Do I Use this Content?

You can use this content to understand the L1 and L2 data elements collected from the pdcr and dbc databases.

1.4 How Do I Get Started?

Read the following sections:

1. [Level 1 \(L1\) Data](#)
2. [Level 2 \(L2\) Data](#)

2 Telemetry collection and analytics

The Telemetry collection and analytics agent is a data collection and analytics pipeline that collects data from customers' systems and sends it to Teradata.

The following levels of telemetry collection are available:

- **Level 1 (L1) Data**
- **Level 2 (L2) Data**

2.1 Level 1 (L1) Data

Teradata is contractually entitled to collect L1 Data and includes ResUsage and DBQL.

The following data helps Teradata to understand your system usage and performance:

- Detailed performance metrics
- System-level usage metrics
- Application-level usage metrics
 - System timestamp
 - Site ID using the product
 - Name of the product (available for CMIC, Viewpoint, QueryGrid, and Data Mover)
 - Product Version ID
 - Component
 - Name within the component
 - The payload in JSON format
 - Audit columns that get generated during the data load process

2.1.1 Level 1 Detail (L1D) Data

In addition to L1 Data, Teradata might collect detailed DBQL data to support Unit Consumption calculation used for Enterprise billing and enable Usage Analytics via Queryband (only for Vantage Analytics Library and Teradata internal applications).

L1D Data elements are collected from the pdcr and dbc databases and include the following items:

- Object ID, Query ID, Session ID, Client ID

Note: The fields from the TCA 2.60 and later versions.

- The username associated with a database request

Note: The username is a non-PII element and is not visible to the user.

2.2 Level 2 (L2) Data

Teradata might collect additional data elements known as L2 Data with the consent of individual customers. Teradata Telemetry supports corporate functions and operations management. Customers provide consent using the [KB0033994 Customer Consent Addendum](#).

The collection of L2 data helps Teradata to perform the following tasks:

- Detect, troubleshoot, or resolve customer issues
- Gauge, analyze, and optimize performance and functionality
- Provide feedback and recommendations related to the services that customer receives from Teradata

However, Teradata does not collect Personally Identifiable Information (PII) data elements.

L2 data elements are collected from the pdcr and dbc databases and include the following items:

- Database, Table, and Column names
- The username associated with a database request
 - Note:** The username is a non-PII element and is not visible to the user.
- The organization and department associated with a user

2.2.1 Level 2 Detail (L2D) Data

The Level 2 Detail collection profile enables the coexistence of the L1D and L2 collection profiles simultaneously. The scope of L2D is the union of L1D and L2 scopes, and no additional data is collected.