Teradata® Vantage 3.1.1.0 Release Summary

VantageCloud Enterprise

January 2026

B700-4000-016C
DOCS.TERADATA.COM

Copyright and Trademarks

Copyright © 2017 - 2026 by Teradata. All Rights Reserved.

All copyrights and trademarks used in Teradata documentation are the property of their respective owners. See Trademark Information.

Third-Party Materials

Non-Teradata (i.e., third-party) sites, documents or communications (“Third-party Materials”) may be accessed or accessible (e.g., linked or posted) in or in connection with a Teradata site, document or communication. Such Third-party Materials are provided for your convenience only and do not imply any endorsement of any third party by Teradata or any endorsement of Teradata by such third party. Teradata is not responsible for the accuracy of any content contained within such Third-party Materials, which are provided on an “AS IS” basis by Teradata. Such third party is solely and directly responsible for its sites, documents and communications and any harm they may cause you or others.

Warranty Disclaimer

Except as may be provided in a separate written agreement with Teradata or required by applicable laws, all designs, specifications, statements, information, recommendations and content (collectively, "content") available from the Teradata Documentation website or contained in Teradata information products is presented "as is" and without any express or implied warranties, including, but not limited to, the implied warranties of merchantability, fitness for a particular purpose, or noninfringement, which are hereby disclaimed. In no event shall Teradata corporation, its suppliers or partners be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of content, even if advised of the possibility of such damage.

The Content 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 Content 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 the Content at any time without notice.

The Content is subject to change without notice. Users are solely responsible for their application of the Content. The Content does not constitute the technical or other professional advice of Teradata, its suppliers or partners. Users should consult their own technical advisors before implementing any Content. Results may vary depending on factors not tested by Teradata.

Machine-Assisted Translation

Certain materials on this website have been translated using machine-assisted translation software/tools. Machine-assisted translations of any materials into languages other than English are intended solely as a convenience to the non-English-reading users and are not legally binding. Anybody relying on such information does so at his or her own risk. No automated translation is perfect nor is it intended to replace human translators. Teradata does not make any promises, assurances, or guarantees as to the accuracy of the machine-assisted translations provided. Teradata accepts no responsibility and shall not be liable for any damage or issues that may result from using such translations. Users are reminded to use the English contents.

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.

Confidential Information

Confidential Information means any and all confidential knowledge, data or information of Teradata, including, but not limited to, copyrights, patent rights, trade secret rights, trademark rights and all other intellectual property rights of any sort.

The Content available from the Teradata Documentation website or contained in Teradata information products may include Confidential Information and as such, the use of such Content is subject to the non-use and confidentiality obligations and protections of a non-disclosure agreement or other such agreements to protect Confidential Information that you have executed with Teradata.

Product Safety

Safety type	Description
NOTICE	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.
CAUTION	For hardware products only Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.
WARNING	For hardware products only Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.

The following lists the fixed and known issues in this release. If you experience any of the following issues, open an incident with Teradata Customer Support and include the Key in your description.

Feature Summary

Teradata Vantage 3.1.1.0

- Database Engine 20.00.28.81 RFCs
- Vector Store
- Native OTF (Iceberg Read)
- CIS Level 2
- TLS 1.3 Ecosystem Applications
- Query Service 5.0
- BYOM 7.0 adds new capabilities such as text classification with ONNXClassification, one-step scoring for ML Predict, PMML, and ONNX models, advanced text inference with ONNXEmbeddings and Seq2Seq, plus vector outputs for Enterprise Vector Store integration.
- Cross Site Restore Disaster Recovery - Enables users to perform both dictionary and database data restores as part of a failover operation during a disaster recovery (DR) event through the Vantage Console.
- Multi-Node Clique support on Google Cloud - Significantly improves system resilience by reducing node failure recovery time by up to 95%, enhancing uptime and helping meet SLAs.
- Adding support for SSD v2 storage for Enterprise Cluster - Offers lower-cost, more flexible block storage, helping customers optimize performance and reduce total cost of ownership on Azure.
- High IO Instance family support on AWS - Enables customers to run IO-intensive workloads with up to 2.5x more block storage bandwidth, improving performance for demanding applications and reducing latency.

Fixed Issues

Viewpoint

Key	Description
VP-60991	Viewpoint component health check fails on Azure upon provisioning. **Resolution**: Modified firewall rules to include required port forwarding to support Viewpoint. **Deployments**: Azure

Teradata Analytics Database

Key	Description
SQLE-5199	SegCache fixes. (Bugfix): (Backport) Fix logic for identifying foreignspool to avoid stats build and prevent error 3598 (Concurrent change conflict on database try again). (Bugfix): Query is failing with error Failure 4969 timeout with could not resolve host name for endpoint. (Bugfix): Avoid invoking ResolveTblFncRetName() if the WITH QueryRef has already been resolved. (Bugfix): Incorrect results with single-amp NUSI and NCSSQ. (Bugfix): Signed integer overflow caused access to invalid memory, resulting in a SEGV. (Bugfix): Return syntax error for missing Parameter style in Tbl Operator DDL. (Bugfix): Release lock and reset id column cac he when PID and Transaction is same. (Bugfix): UMM Fault Isolation Fix for JSON UDTs. (Bugfix): If the count value is negative in AJI abort the query with ERRAMPAJIERROR. (Bugfix): Do not set no_resp for DUMP / RESTORE RIG. (Bugfix): Solution is to detects object version change during CreJoinIndx and CreTab operation. (Bugfix): Access the buffer_ only if is_open_ is true to avoid NULL access. (Bugfix): Avoid masking the ERRFILEOF in the ReadNear(). (Bugfix): Update WhitenedExpList after RTO for SetOp. (Bugfix): Avoid deriving Min/Max histogram when source DS entry is not AbsoluteMatch.

	(Bugfix): Replace '\n' with '\r' if it is part of SingleLineComment/MultiLineComment in rtsLProcessDynamicSQL(). (Bugfix): Back port the fix on disable 733 on non-VantageCloud Lake machine for VantageCloud Enterprise 3.1. (Bugfix): BCM support for TDBCMgmt user + database. (Bugfix): Skip OTF processing when SP is in Compiling State. (Bugfix): Fix for long storage location string specified in create datalake NVP. (Bugfix): Remove UseBCFIPS JVM Option for Java UDF Server.

Known Issues

Vantage

Key	Description
VAN-1374	The R/Python and STOs will NOT be automatically installed as part of VantageCloud Enterprise 3.0 upgrade, and customer must open a CR for Cloud Ops and let them know the usage of R/Python and/or STOs in their current VantageCloud Enterprise environment. **Limitation**: In the VantageCloud Enterprise 3.0, the default out-of-the-box DBSControl settings are disabled to prevent installation of UDFs, R/Ptyhon or STOs. This enables and enforces Cloud Ops to follow the security vetting process as part of the VantageCloud Enterprise 3.0 upgrade. **Deployments**: All

IntelliCloud Backup as a Service

Key	Description
ICBAAS-9054	If CSR-DR fails for any reason, then the UI shows incorrect elapsed time. **Limitation**: When CSR-DR fails for any reason, the Cloud Ops team handles the failure. If any retries are needed, Cloud Ops team carries it out. At this point, UI will not show elapsed time correctly. **Deployments**: All

Data Mover

Key	Description
DM-39850	Deployment of Datamover component may fail with error: TASK [dm_cluster_verification : Verify cluster is configured properly] ********* fatal: [100.64.0.16]: FAILED! => {"changed": true, "cmd": "sh /var/opt/teradata/packages/DataMover/clusterverification.sh 0", "delta": "0:06:29.737523", "end":

	"2025-11-17 08:18:58.593195", "msg": "non-zero return code", "rc": 1, "start": "2025-11-17 08:12:28.855672", "stderr": "", "stderr_lines": [], "stdout": "", "stdout_lines": []} **Limitation**: Re-running the '/var/opt/teradata/packages/DataMover/clusterverification.sh' script will complete successfully. **Deployments**: All