

Teradata[®] Vantage 2.2.1 Release Summary

Deployment Platforms:

Teradata Vantage on Azure

Teradata Vantage on AWS

Teradata Vantage on Google Cloud

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Teradata Vantage™ is our flagship analytic platform offering, which evolved from our industry-leading Teradata® Database. Until references in content are updated to reflect this change, the term Teradata Database is synonymous with Teradata Vantage.

Advanced SQL Engine (was NewSQL Engine) is a core capability of Teradata Vantage, based on our best-in-class Teradata Database. Advanced SQL refers to the ability to run advanced analytic functions beyond that of standard SQL.

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 Reference ID in your description.

Compatibility Matrix

For component compatibility information:

1. Go to support.teradata.com.
2. Log in.
3. Search for KB0027406.

Key Features

Teradata Vantage 2.2.1 release supports important new / updated capabilities for as-a-service customers on AWS, Azure, and Google Cloud, including:

1. General Availability for Vantage on AWS - Managed Application as-a-service (infrastructure deployed in a customer's tenant).
2. Extension of support for Customer Managed Custom Master Key (CMK) for Vantage Applications on AWS.
3. Support for Consumption Pricing for Vantage on Google Cloud.
4. Support for Third-party applications - Imperva and SAS Embedded Process for Vantage on Azure.
5. General availability of New Regions for Vantage on Google Cloud.

Fixed Issues

Native Object Store

Reference ID	Description
NOS-5473	Description: All AMP WRITE NOS query on Row table is treated as group-AMP query and TDWMAIampFlag is updated as NULL. This will cause TASM to incorrectly classify these queries as non ALL AMP. Workaround: There are two ways to workaround the issue by either using system throttle or workload. Please see Knowledge Article KB0036037 Platform: 17.05 Write NOS.
NOS-4929	Description: WRITE_NOS: Observed Error in function WRITE_NOS: UnknownError When using Ceph storage, it is possible for the server to be overloaded causing the the UnknownError to be returned. Workaround: Check Ceph storage for degraded status and fix the degraded issue. Reducing the load on the storage may also help. Lastly, if available, upgrading to a later version of the NOS connector package may also help resolve the issue. Platform: 17.05 Write NOS with Ceph storage.

Server Management Software

Reference ID	Description
SM-31007	CVE-2017-9432, CVE-2017-9433, CVE-2018-1055, CVE-2018-6871 Recommended update for LibreOffice (SUSE-SU-2018:1076-1)
SM-31006	CVE-2017-16844 SLES12 Security Update : procmail (SUSE-SU-2018:0173-1)
SM-31005	CVE-2009-5155, CVE-2019-9169 SUSE SLES12 Security Update : glibc (SUSE-SU-2019:1958-2)
SM-31004	CVE-2018-16301, CVE-2019-15165 SLES12 Security Update : libpcap (SUSE-SU-2019:2669-1)
SM-31003	CVE-2018-10916 SLES12 Security Update : lftp (SUSE-SU-2019:0642-1)
SM-30847	CVE-2017-17485, CVE-2017-7525, CVE-2018-7489, CVE-2019-14379, CVE-2019-14540, CVE-2019-14892, CVE-2019-16335, CVE-2019-16942, CVE-2019-16943, CVE-2019-17267, CVE-2019-17531 jackson-databind
SM-30846	CVE-2017-15095 jackson-databind

Teradata SQL Engine

Reference ID	Description
SQLE-1442	<p>TVSA: DR 194838 Priority 2 TPA restart for event 14045. DR 194922 Priority 2 Most typically observed when a device evacuation is in progress. Stack backtrace typically involving Brain::clearPendingMigrations.</p> <p>*****</p> <p>PDE: DR 193486 Priority 2 tdiopstat: not displaying stats on AWS systems DR 194773 Priority 2 Process prgpart block leakage happening in cases of tsk utcb's allocation failure.</p> <p>DR 194848 Priority 2 PDE pkg build failure in "tcl preppkg" with the errors like the following.</p> <p>In: failed to create symbolic link `../../suselinux-x8664/package.pdegl/01.00.00.00/bin/expectk': No such file or directoryIn:</p> <p>DR 194916 Priority 2 PDE pkg build failure in "Makefile.xtklib preppkg" with the errors like the following.</p> <p>cp -f tclIndex ../../suselinux-x8664/package/17.10c.00.47/lib/xtk/tclIndex cp: cannot create regular file `../../suselinux-x8664/package/17.10c.00.47/lib/xtk/tclIndex': No such file or directory make[1]: *** [Makefile.xtklib:41: ../../suselinux-x8664/package/17.10c.00.47/lib/xtk/tclIndex] Error 1</p> <p>DR 194934 Priority 3 Daylight saving time ended on sunday november 1 2020 as a result for Los Angeles in america time zone changed from PDT(Pacific Day Time) to PST (Pacific Standard Time).</p> <p>*****</p>

Known Issues

Multi Tenent Ecosystem

Reference ID	Description
ECS-3264	<p>Description: Syntax error returned by File Upload.</p> <p>Workaround: Ensure the database and table names do not have protected characters (e.g. -) and do not start with numerals.</p> <p>Deployments: All.</p>
ECS-3263	<p>Description: Incorrect error message thrown when the endpoint is to a valid system but an invalid database.</p> <p>Workaround: When receiving this error, verify whether the database has adequate space and if necessary expand the database capacity.</p> <p>Deployments: All.</p>

Teradata AppCenter

Reference ID	Description
UDAPP-9765	<p>Rook alerts are getting fired on a system that does not have rook.</p> <p>Workaround: <code>kubectl -n=td-platform label cm rook-prometheus-rules prometheus-rules=disabled --overwrite kubectl delete pod -n td-platform --force --grace-period=0 -l component=prometheus</code></p>
UDAPP-8661	<p>Description: Customer will need to delete the malformed prometheus data to resolve errors in thanos compactor.</p>
UDAPP-8648	<p>Description: Ambassador needs to be restarted once new certificates are installed. This issue is intermittent.</p>
UDAPP-8270	<p>Description: Scheduled and Manual backups fail if Postgres data size is very large. If node does not have twice the space that Postgres has, backup fails with OOM or Pod Evicted.</p>
UDAPP-7192	<p>Description: Service accounts in AppCenter are not backed up by Scheduled or Manual backup.</p>