

HP Vertica Analytics Platform 7 Release Notes

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HP Vertica 7.0.0-1 Release Notes

HP has integrated hotfix 7.0.0-1 into HP Vertica downloads to address a vulnerability in the initial HP Vertica 7.0.0 server downloads. This issue has been resolved and integrated into the current HP Vertica downloads. HP strongly recommends the application of this update as soon as possible.

Resolved Issues in HP Vertica 7.0.0-1

Fixed issues in HP Vertica 7.0.0-1

Issue	Component	Description
VER-30362	Server	This update resolves security vulnerability in the HP Vertica server. HP strongly recommends the application of this update as soon as possible.

HP Vertica 7 Release Notes

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What's New in HP Vertica 7

To see a complete list of additions and changes introduced in this release, refer to the *HP Vertica 7.0.x New Features Guide*, available on www.vertica.com

- **Flex Tables**—Flex tables support loading and querying unstructured data. Use Flex tables to quickly and easily load, explore, and analyze semi-structured data such as social media, sensor, log files, and machine data. With HP Vertica 7, you can manage up to 1 TB of flex table data.
- **Flex Zone**—With version 7.0, HP introduces a new offering called HP Vertica Flex Zone, based on the flex tables technology available in 7.0. A Flex Zone license entitles you to more than the one TB of unstructured data included with your HP Vertica license, giving you even more flexibility with your data. You can purchase and apply a Flex Zone license to an existing Enterprise Edition license. You can purchase Flex Zone alone; if you do so, you'll receive a complimentary HP Vertica Enterprise Edition license, entitling you to 1TB of columnar data.
- **HCatalog integration for Querying Data in Hive Data Warehouse**—HP Vertica 7 includes a new way to access data stored in Hadoop. The HCatalog Connector lets you create a schema in HP Vertica that maps to any Hive database available through a WebHCat (formerly known as Templeton) server. The Connector lets you seamlessly query data stored within Hive as if it were stored in a native HP Vertica table. See Using the HCatalog Connector in the Hadoop Integration Guide.

- **New Java SDK for UDx development**—You can now use Java to develop user defined extensions (UDxs) . The Java SDK supports the following extension types: User Defined Scalar Function (UDSF), User Defined Transform Function (UDTF), User Defined Load (UDL). All Java-based UDxs run in fenced mode. See Developing User Defined Functions in Java and Developing UDLs in Java in the Programmer's Guide for more information.
- **Database Designer enhancements**—HP Vertica 7 introduces many enhancements to the Database Designer. You can now run the Database Designer programmatically, (through our published API) as well as through Management Console. For additional DBD enhancements, see the HP Vertica 7 New Features Guide.
- **Security enhancements**—The HP Vertica 7 HDFS connector is Kerberos-enabled; in addition, Kerberos security has been integrated into the client drivers.
- **CPU Affinity**—The CPU Affinity feature allows you to configure a user-defined resource pool so that it has an affinity to one or more specific CPUs or to a percentage of available CPUs on the system.

Note: A key piece of information is missing from the CPU Affinity documentation (See VER- 30266 in the Known Issues section). If you want to change CPUAFFINITY SET from the default, then you must also specify CPUAFFINITYMODE. This is required when using the CPUAFFINITYSET parameter with the CREATE or ALTER RESOURCE POOL commands on a resource pool that has the default CPUAFFINITYMODE set.

- **Management Console enhancements**—Management console now allows you to run Database Designer and to view EXPLAIN output and query profiles. Management Console also introduces new activity charts to help identify issues related to resources used on schema tables and query execution phases. In addition, you can now choose one of two themes for Management Console, which change the look and feel of your interface. And, you can view all fault groups in the cluster or select which fault groups you want to display.
- **Microsoft Connectivity Pack**—The HP Vertica 7 Microsoft Connectivity Pack allows you to connect with your HP Vertica server to use Microsoft components that are previously installed on your system. The Connectivity Pack includes the ADO.NET client driver and additional tools for integration with Microsoft Visual Studio and Microsoft SQL Server.

This version of the HP Vertica Microsoft Connectivity Pack continues to support Visual Studio 2008 and SQL Server 2008. This release adds support for Visual Studio 2010 and 2012, and SQL Server 2012, and integration with the following Microsoft components.

- Business Intelligence Development Studio (BIDS) for Visual Studio 2008.
- SQL Server Data Tool - Business Intelligence (SSDT-BI) for Visual Studio 2010/2012.
- SQL Server Analysis Services (SSAS) for SQL Server 2008 and 2012.
- SQL Server Integration Services (SSIS) for SQL Server 2008 and 2012.
- SQL Server Reporting Services (SSRS).
- **Plug-in for Informatica**— HP Vertica 7.0 introduces a new plug-in for Informatica PowerCenter. The new plug-in includes multiple enhancements when using HP Vertica as reader (source) and/or writer (target). For information on these enhancements, see the *HP Vertica Informatica Plug-in Guide* for more information.

Upgrade and Installation notes

- **Installer changes**—The Version 7.0.0 installer introduces new platform verification tests that prevent the install from continuing if the platform requirements are not met by your system. Manually verify that your system meets the requirements in Before You Install HP Vertica section of the HP Vertica Installation Guide before you update the server package on your systems. These tests ensure that your platform meets the hardware and software requirements for HP Vertica. Previous versions documented these requirements, but the installer did not verify all of the settings.

Version 7.0.0 introduces the new installation parameter `--failure-threshold` that allows you to change the level at which the installer stops the installation process based on the severity of the failed test. By default, the installer stops on all warnings. You can change the failure threshold to `FAIL` to bypass all warnings and only stop on failures. However, your platform is unsupported until you correct all warnings generated by the installer. By changing the failure threshold you are able to immediately upgrade and bring up your HP Vertica database, but performance cannot be guaranteed until you correct the warnings.

- **LDAP Authentication Changes**—If you have LDAP enabled over SSL/TLS, in HP Vertica 7.0, the certificate authentication is more secure than in HP Vertica 6.1. Before you upgrade to HP Vertica 7.0, there are several tasks that you need to perform so that you can connect to the LDAP server after the upgrade.

You can also choose to revert to the more permissive behavior used in HP Vertica 6.1. See the HP Vertica 7.0.x Installation Guide for information on preparing for the new authentication, or reverting to the old behavior.

- **MC Documentation Error**—The HP Vertica 7.0.x Installation Guide incorrectly states that Management Console requires a separate node. In HP Vertica 6.1.3 and later, Management Console can be installed on any node in the cluster.

Resolved issues in HP Vertica 7

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
VER-27783	Admin Tools	The <code>admintools -t rebalance_data</code> tool was not working properly for rebalance operations that did not change the cluster's K-safety. This issue has been resolved. You can optionally call the <code>SELECT REBALANCE_CLUSTER()</code> function.
VER-25085	Backup/DR	In previous releases, the VBR utility <code>rsync</code> daemons ran as the root user and group. As of Version 7.0, the <code>rsync</code> daemons run as the <code>dbadmin</code> user and group.
VER-26900	Backup/DR	In previous releases, restoring an object-level hard-linked local backup failed if the catalog directory existed on a separate Linux file system. This has been resolved. If VBR detects that the catalog is on a separate Linux file system, it copies the file, rather than linking to it.
VER-28154	Backup/DR	Before Version 6.1, any missing data files detected during startup after cloning a database were logged in a descriptive message. However, these were not logged in 6.1. This issue has been resolved. In HP Vertica 7, the files are once again logged.
VER-26001	Basics	The <code>PatternMatchAllocator</code> configuration parameter is disabled by default to prevent rare node failures.
VER-25669	Catalog Engine	Due to a change in how transaction catalog storage works in Vertica 6.0 and later, the amount of space that the transaction catalog takes up can increase significantly during and after the upgrade from version 5.x to 7.0.0. To determine the amount of space the

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
		catalog folder is using, run 'du -h' on the catalog folder. For example: [dbadmin@localhost ~]\$ du -h /home/dbadmin/db/v_db_node0001_catalog/Catalog If you determine you need more space, turn on CompressCatalogOnDisk. (See the General Parameters section of the HP Vertica 7.0.x Administration Guide for more information.)
VER-25906	Catalog Engine	Queries on system tables that described constraints did not return correct results when they used the = operator or 'like' to find a specific string without specifying a wild card. This issue has been resolved.
VER-27065	Catalog Engine	Running GET_NODE_DEPENDENCIES() on temporary tables that have pinned projections caused the database to fail. This issue has been resolved.
VER-25592	Client Drivers - ADO	In previous releases, a race condition in ADO.net was caused by open two connections to HP Vertica server simultaneously. Now the connection open operation is thread-safe.
VER-27182	Client Drivers - ADO	HP Vertica's ADO.net driver incorrectly converted double values for some locales. This issue has been resolved.
VER-25308	Client Drivers - JDBC	Customers sometimes got an out-of-memory error when using JDBC batch insert in previous releases. In Version 7, customers can turn on streaming batch insert to avoid this issue.
VER-25409	Client Drivers - JDBC	When constructing a timestamp by passing a Calendar object to ResultSet.getTimestamp(int, Calendar), the driver would produce an incorrect result if the time did not exist in the JVM's default time zone. The issue has been resolved.
VER-25487	Client Drivers - JDBC	When performing a batch insert operation with AUTOCOMMIT disabled, any batches after the first batch were erroneously marked as successful, even if some records were rejected by the server. The issue has been resolved.
VER-25898	Client Drivers - JDBC	Previously, the JDBC driver returned an incorrect SQLState when data errors caused a non-batched prepared insert operation to fail. The issue was resolved, and now it returns class 22 SQLStates. In Java 6 and newer JVM's, the exception thrown is a SQLException instead of a SQLDataException, to more

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
		accurately categorize the error. Batched insert operations continue to throw BatchUpdateException if there are failures due to data errors.
VER-27303	Tool Integration Client Drivers - JDBC	Prior to this release, the V_CATALOG.PRIMARY_KEYS and V_CATALOG.FOREIGN_KEYS tables contained incorrect values in their ORDINAL_POSITION columns. In both tables, this column contained the positions of the key columns within their table, not their positions within the primary or foreign key. As a result, metadata queries for the ADO.NET, JDBC and ODBC drivers returned incorrect positions for columns within keys. This problem has been corrected in the HP Vertica server's V_CATALOG tables, and HP Vertica's drivers now return the correct key column positions as a result.
VER-27640	Client Drivers - Misc	With IPVS, clients could not connect to the cluster through virtual IP if the slave director went down. This issue has been resolved.
VER-26318	Client Drivers - ODBC	For some locales, the ODBC drivers could incorrectly convert double values, or throw an exception during the attempted conversion. This issue has been resolved.
VER-27447	Client Drivers - ODBC	Previously, the ODBC driver did not recognize certain aliases for connection properties when SQLConnect() was called (all aliases worked with SQLDriverConnect()). This problem has been corrected.
VER-28990	Client Drivers - ODBC	Connections associated with result sets returned by multi-statement queries were incorrectly handled. This issue has been resolved.
VER-29283	Client Drivers - ODBC	Previously, the Windows ODBC driver did not support the use of named pipes with COPY LOCAL statements. Support for this feature has been added.
VER-23508	Client Drivers - VSQL	Using a command such as the following from a vsql client (to pipe a .gzip file to a COPY from LOCAL statement) failed with an error: <pre>cat "/tmp/Test1V6B_50.gz" vsql -h myhost -U dbadmin -d VMart -c "copy customer_DATA from local STDIN GZIP DIRECT ;" ERROR 0: COPY: Error occurred during ZLIB decompression. ZLIB error code: -3, Message: incorrect header check</pre> This problem has now been fixed to support Linux and Windows platforms.

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
VER-23602	Communications/messaging	Vertica 7.0.0 includes improved transaction commit performance.
VER-26262	DDL	Previously, running EXPORT_OBJECTS failed if you explicitly specified a view with dependencies on other views that were not included in the export. This problem has been resolved.
VER-26499	DDL	Users who had created a role or a user called DBDUSER in previous releases encountered an issue when upgrading to version 6.0.x or later. The database would not start and HP Vertica issues an error: DBDUSER should be a predefined role. This issue has been resolved. HP Vertica now issues a warning instead, and informs the user that only the DBADMIN will be able to run database designer.
VER-27953	DDL - Projection	A CREATE PROJECTION statement, creating prejoin projections, caused the database to fail when the statement checked whether the segmentation expression contained long string attributes.
VER-27817	DDL - Table	Previously, CREATE TABLE LIKE did not copy the default column value of the source table. In HP Vertica 7, as long as the default value expression does NOT reference a sequence, it will be copied to the target table.
VER-26487	Data Removal - Delete, Purge, Partitioning	Partition keys that were not VARCHAR or INTEGER types occasionally resulted in a "Too many partitions" error. This issue has been resolved. If CREATE TABLE encounters an expression that may result in an invalid partition key value, a warning displays but CREATE TABLE execution continues.
VER-27493	Data Removal - Delete, Purge, Partitioning	Previously, PURGE failed if there were temporary tables in the database. This issue has been resolved. If your database contains temporary tables, the PURGE function displays a warning but continues executing. HP Vertica does not purge temporary tables.
VER-27795	Data Removal - Delete, Purge, Partitioning	Previously, calling the MOVE_PARTITION_TO_TABLE() function required CREATE privilege on schema, even if the target table already existed. This issue has been resolved. HP Vertica requires USAGE privileges if target table exists and CREATE privileges if the table does not already exist.
VER-21523	Data load / COPY	HP Vertica fails when it should error out in certain cases

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
		when doing an Import/Export between two clusters with an improper network configuration between the two clusters
VER-25732	Data load / COPY	While loading data using a UDL, changing the ForceUDxFencedMode configuration parameter during query processing could cause a PANIC error. This has been resolved.
VER-26623	Data load / COPY	If COPY cannot locate a specified record terminator (possibly due to mistyping the character), COPY searches for the character until it runs out of memory. The OUT OF MEMORY message now includes a HINT to double-check the record terminator.
VER-26643	Data load / COPY	In this release, HP Vertica resolved several issues related to node stability when using the COPY LOCAL statement.
VER-27753	Data load / COPY	When running the statement ALTER NETWORK INTERFACE..RENAME TO for a target network interface whose name already existed, HP Vertica displayed the name incorrectly in the resulting error message. This issue has been resolved.
VER-28465	Data load / COPY	Using COPY LOCAL to load files whose size is an exact multiple of 1MB (to the byte), caused an internal error. This issue has been resolved.
VER-25978	Database Designer Core	Database Designer failed because an "OFFSET" clause was incorrectly added to a CREATE TABLE statement during database design. This issue has been resolved.
VER-29260	Database Designer Core	Queries on V_MONITOR.COLUMN_STORAGE sometimes experienced performance problems. This issue has been resolved.
VER-30373	Documentation	The HP Vertica 7.0.x documentation incorrectly stated that the MERGE_PARTITIONS function was deprecated and removed from the product. The function is actually obsolete and will be deprecated in the next release. The documentation has been corrected.
VER-26006	Execution Engine	In rare circumstances, when network connectivity between nodes failed during query plan setup (typically in a noisy networking environment), an individual HP Vertica node sometimes failed. This issue has been resolved.
VER-26062	Execution Engine	When users issued an UPDATE or DELETE statement with IS NULL in the query when a database node was

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
		down, the following error sometimes occurred: Vertica Internal Error 12 '0 == "Unexpected data type for makelsNull" This issue has been resolved.
VER-26118	Execution Engine	Mixing two different numeric types in a SQL statement no longer causes an error message to be added to the V_MONITOR.ERROR_MESSAGES table.
VER-28484	Execution Engine	Queries containing multiple analytics functions on different partition keys showed different results for one of the analytic functions depending on the order of the analytic function in the SELECT statement. This issue has been resolved.
VER-26586	Front end - Parse & Analyze	In previous releases, the UPPER function gave an error about exceeding the maximum octet length. This issue has been resolved.
VER-27082	Front end - Parse & Analyze	Using NULLIF with aggregate functions sometimes produced incorrect results. This issue has been resolved.
VER-27310	Front end - Parse & Analyze	Running SELECT statements with invalid hints caused HP Vertica nodes to fail. This issue has been resolved.
VER-28906	Hadoop	The HDFS connector could wait on unresponsive HDFS DataNodes indefinitely instead of timing out. To control timeouts, three optional parameters have been added to HP Vertica's HDFS source. <code>connection_timeout</code> - Sets the maximum number of seconds to wait for the HDFS server to accept the connection before timing out. The default is 60 seconds. <code>low_speed_limit</code> - Sets the minimum data transfer rate in bytes per second. If the data transfer rate is below this minimum for the amount of time set for parameter <code>low_speed_time</code> , the HDFS connector times out. The default is 64 kilobytes per second. <code>low_speed_time</code> - Sets the maximum time the transfer rate is allowed lower than parameter <code>low_speed_limit</code> before the HDFS connector times out. The default is 60 seconds.
VER-26274	Installation - Package (rpm/deb)	If you are upgrading from Management Console versions 6.1.1 or earlier, you must use the system kill command on SUSE systems to stop the Management Console Java process before upgrading to Management Console 7.0.
VER-29878	Installation - Package (rpm/deb)	Customers who used the beta version of the Java UDx package must remove the Java package before

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Issue	Component	Description
		upgrading to HP Vertica 7. The Java UDx functionality is now included in the server.
VER-17446	Installation Program	If you supply the install_vertica script with a database administrator account that has no Linux password, the installation or upgrade fails after prompting you multiple times for passwords.
VER-23905	Installation Program	The HP Vertica installer did not check for the presence of the required bash shell and attempted to perform the installation even if the shell was not present. This issue has been resolved.
VER-25105	Installation Program	The HP Vertica installer incorrectly warned that CPU scaling was enabled when no scaling module was loaded. This issue has been resolved.
VER-25226	Installation - Package (rpm/deb) Installation Program	HP Vertica installation scripts no longer use the 'bc' program and its requirement has been removed from the RPM/Debian packaging.
VER-25339	Installation Program	The HP Vertica installer incorrectly printed an informational message advising the user to install pstack when pstack was already installed. This issue has been resolved.
VER-26375	Installation Program	The HP Vertica installer did not work correctly on some locales. This issue has been resolved.
VER-27421	Installation Program	Some operating systems use group names that affect the output of a standard df command, resulting in an error. This issue has been resolved.
VER-27958	Installation Program	The install_vertica script did not fail if it was incorrectly passed the Management Console RPM. This issue has been resolved.
VER-28808	Installation Program	Trying to add a node that was unreachable by SSH to the cluster caused the database to fail. This issue has been resolved.
VER-26035	Logging	When creating a database, the dbadmin password was saved in cleartext in bootstrap-catalog.log. This issue has been resolved.
VER-25880	Management API (Session Mgmt, Shutdown)	If during shutdown the Last Good Epoch (LGE) is behind (typically a result of an error during moveout), shutdown will abort with an error message, giving the user an opportunity to fix the issue without losing data.

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Issue	Component	Description
VER-28019	Metadata Tables	In previous releases, query string output from the V_MONITOR.QUERY_PROFILES table erroneously included newlines and tabs. This issue has been resolved.
VER-28752	Optimizer	In certain situations, queries that perform merge joins did not return correct results. This issue has been resolved.
VER-29075	Optimizer	Junk values resulted when using SUM and CAST together in a nested CASE. This issue has been resolved.
VER-29259	Optimizer	ANALYZE_STATISTICS sometimes caused HP Vertica to fail when it should have returned an error message. This issue has been resolved.
VER-25886	Recovery	In previous releases, during node recovery, an S-lock was placed on every table during current phase, preventing table inserts, updates, or deletes until recovery was complete. Node recovery has changed to implement a T-lock on every table during current phase, which permits concurrent inserts. T-locks preclude update and delete statements, and table DDL, such as dropping partitions or truncating tables.
VER-16658	ResourceManager	Insufficient resource error messages are unclear. This issue has been resolved.
VER-24535	ResourceManager	Queries are sometimes forced to queue due to MAX_CONCURRENCY limit, even though fewer than the maximum number of queries are active against the pool.
VER-26536	ResourceManager	HP Vertica can run more slowly when querying columns with many views. This issue has been resolved.
VER-26573	ResourceManager	Inter-node query plan messages that were very large (hundreds of megabytes, or gigabytes in size) are now compressed to avoid a previous internal size limit that could cause queries to be cancelled with an "invalid buffer enlargement request size" error.
VER-27779	ResourceManager	ALTER RESOURCE POOL EXECUTIONPARALLELISM did not accept DEFAULT as input. This issue has been resolved.
VER-29205	ResourceManager	Under heavy load, the HP Vertica memory allocator could cause a server failure. This problem has been resolved.

Resolved issues in HP Vertica 7.0.0

Issue	Component	Description
VER-25901	SDK	User-defined analytic functions in fenced mode sometimes caused HP Vertica to fail. This issue has been resolved.
VER-28622	Security	If you had LDAP enabled over SSL/TLS and the LDAP connection string was incomplete or invalid, you were still allowed to connect to the LDAP server. This issue has been fixed in HP Vertica 7.0. If you are upgrading from 6.1 to 7.0, you need to make changes to the ldap.conf file and the LDAPCONF environment variable before upgrading. "Configuring LDAP Over SSL/TLS When Upgrading HP Vertica" in the Installation Guide describes the changes to make to either use the more-secure 7.0 behavior or the less-secure 6.1 behavior.
VER-29265	Data Removal - Delete, Purge, Partitioning System:Performance	Performance of DELETE statements has been improved in version 7.0.
VER-29268	System:Stability	Cancel performed during a very brief window during a transaction can cause a failure to acquire the global catalog X lock during the commit phase of a transaction. This issue has been resolved.
VER-18489	Third Party Tools Integration	The HP Vertica 7.0.x Informatica plugin now generates an error message with invalid pre/post SQL queries.
VER-26369	Third Party Tools Integration	The HP Vertica 7 Plug-in for Informatica resolves an issue where rows were inserted rather than deleted in target tables. See the HP Vertica 7.0.x Plug-in for Informatica Guide for more information.
VER-27680	Third Party Tools Integration	When using the HP Vertica 7.x plug-in for Informatica, corrected an issue where exception messages were not displayed for failed loads through Informatica PowerCenter.
VER-27005	Transactions	HP Vertica can fail when a user brings down one node in a three node cluster. This issue has been resolved.
VER-26305	UI - Agent	Previously, the /etc/init.d/vertica_agent command script would return an incorrect status exit code of 0 when the agent was not running. The command now returns the correct exit code 3 in those conditions.
VER-28108	UI - Management Console UI - Agent	Users were sometimes unable to import a database to Management Console. This issue has been resolved.

Known issues in HP Vertica 7

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Issue	Component	Description
VER-29394	Catalog Engine Backup/DR	Cancelling the vbr.py script does not close the session or release locks.
VER-29818	Backup/DR	Schema level backups fail if a temporary table exists at the checkpoint epoch of the super projection. Workaround: Drop the temporary table and perform the backup again.
VER-29800	Client Drivers - ODBC	When returning SQL_SUCCESS_WITH_INFO, the HP Vertica ODBC client does not return the additional information.
VER-30409	Documentation	The HP Vertica 7.0.x Installation Guide incorrectly states that Management Console requires a separate node. In HP Vertica 6.1.3 and later, Management Console can be installed on any node in the cluster.
VER-30187	Documentation	In the HP Vertica 7 documentation, links that go from one PDF to another PDF are broken. Workaround: Cross-book links work correctly in the HP Vertica 7 Webhelp. To access, go to www.vertica.com/documentation and choose <i>HP Vertica 7 Online Documentation</i> . You can also download and install documentation locally.
VER-29404	Optimizer	For some queries, the optimizer joins tables on a skewed column and uses the join as an Inner join in a hash join. This situation can cause query replanning and slow performance. Workaround: Set the ForceEarlyMaterialization flag to True to force the join to function as an Outer Join and improve performance.
VER-30118	Performance tests	HP Vertica may underestimate planning resources for queries with LONG VARCHAR or LONG VARBINARY in clusters with many nodes. This could result in swapping. Workaround: Lower the value in MAXMEMORYSIZE in the general resource pool.

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Issue	Component	Description
VER-25768	Recovery	<p>Databases with K Safety = 0 may not recover successfully after unexpected system failure.</p> <p>Workaround: HP requires that all production databases have a minimum K-safety of one (K=1). HP also recommends taking frequent backups.</p>
VER-29360	Transactions	<p>A race condition can sometimes cancel a drop partition operation instead of the internal mergeout session.</p> <p>Workaround: Retry the drop_partition operation.</p>
VER-29648	UI - Management Console	<p>The OK button on the warning dialog that appears after a user creates a problem cluster with Management Console does not work.</p> <p>Workaround: Click the X to close the dialog.</p>
VER-29727	UI - Management Console	<p>If you create a database immediately after creating a cluster, the second page of the database creation remains hidden.</p> <p>Workaround: Tab to the hidden page and try again.</p>
VER-29733	UI - Management Console	<p>After starting a database using Management Console, users could not retrieve chart data.</p> <p>Workaround: Log out of the Management Console and log back in. You can also restart Management Console to correct the problem.</p>
VER-29738	UI - Management Console	<p>Management console users who are mapped to HP Vertica users that do not have at least the dbadmin role set as a default role will not see activity charts as they might expect.</p> <p>Workaround: HP Vertica security requires that a role be set as a default role if the privileges are to be used automatically in each session.</p>
VER-29906	UI - Management Console	<p>Management Console performance can be affected by a large number of log ins that use the same mapped HP Vertica user.</p> <p>Workaround: Close unused browser windows and reduce the number</p>

Known issues in HP Vertica 7.0.0

Issue	Component	Description
VER-30023	UI - Management Console	<p>of concurrent logins of the same HP Vertica user.</p> <p>Unix level users created by the Management Console during the create cluster process do not have password login enabled.</p> <p>Workaround: Administrators must unlock these accounts by setting the password or copying the ssh private key created by the HP Vertica installation program and distributing it manually to administration users. On each node in the cluster, run the 'chpwd' utility for the unix user and set the password.</p>
VER-30046	UI - Management Console	<p>Auto discovery of a local cluster does not occur if the cluster was previously installed using the new keyword --hosts instead of -s.</p> <p>Workaround: Manually import the local cluster by clicking the + button and import the cluster using the IP address of the system.</p>