

REALITY RECOMMENDED FIXES

To install these fixes the following should serve as a guideline;

UNIX/LINUX platforms:

The file is delivered as a 'compressed' file to save download time. Once the compressed file is loaded onto the target machine use the UNIX 'uncompress' utility to uncompress the file. The resulting file will be a UNIX 'tar' file. This 'tar' file needs to be extracted to a directory, change directory using 'cd' to a suitable place to hold the contents of the tar file and then use 'tar -xvf <path to filename>' to extract the contents of the tar file. Once the contents of the 'tar' file have been extracted you are then ready to proceed with the installation. To install all of the fixes, whilst logged in as the user 'realman', run 'install_fix -a <path to directory holding the fixes>'

Windows Platforms:

The file delivered is a self extracting archive, ensure that once it has been download it has '.exe' extension and then simply double click this to begin the installation, following all the prompts.

- V12.0.0.0001 Additional Enhancements to V12 PR disk (UNIX)
- V12.0.0.0002 Additional Enhancements to V12 PR disk (Windows)
- V12.0.0.0003 Remote tape can cause Reality to be logged off with SIGPIPE
- V12.0.0.0004 Windows remote tape service fails if Reality is not installed and running
- V12.0.0.0005 Stop looping processes when logging off due to abort and stop basic profile core dumping
- V12.0.0.0006 Ensure that the onsite build can update the 'build.conf' file
- V12.0.0.0007 Ensure that realcip cannot crash when it cannot open 'event.log' and if file-save running
- V12.0.0.0008 Ensure that you can redual primary and secondary using tlmenu and improve error checking for redual.
(UNIX specific)
- V12.0.0.0009 Ensure that you can redual primary and secondary using tlmenu and improve error checking for redual.
(Windows specific)
- V12.0.0.0010 SQL reported numeric zeros as empty strings – this could crash clients such as MS Access
- V12.0.0.0011 SQL-VIEW did not quotes reserved words used as components of Table or Column names. This could cause Invalid Table or Column name errors.
- V12.0.0.0012 FILE-SAVE to a pipe hangs (back to back save/restore).
- V12.0.0.0013 Enable logon to port range and resolve issue with NumConnections not limiting connections properly.
- V12.0.0.0014 Correct possible coredump during garbage collect of trigger workspace.
- V12.0.0.0015 Various fixes to database Isolation (UNIX specific).
- V12.0.0.0016 Various fixes to database Isolation (Windows specific).
- V12.0.0.0018 Stop active despoolers being killed when Windows user logs off (Windows specific).
- V12.0.0.0019 Stop core dumps occurring when re-assigning remote file variables within DataBasic
- V12.0.0.0020 Cannot access tape images from CD.
- V12.0.0.0021 Ensure that you can build debug daemon executables (UNIX specific).
- V12.0.0.0022 Correct display of 'R(###)' DataBasic format codes to not display trailing ')'
- V12.0.0.0023 WHERE command cannot show pids above 32K realdump can core dump just before it exits
- V12.0.0.0024 Stop core dumps during reality startup and log softer error instead
- V12.0.0.0025 Ensure that 'ardate' utility returns correct information on AIX (UNIX specific)
- V12.0.0.0026 Stop tlstore from core dumping during error handling of a failed index update
- V12.0.0.0028 Stop tlmenu from restoring LOGGING-MARK if restored from fast backup method and correct some issues with multi clean log archive functionality (Unix specific)

- V12.0.0.0029 Stop tlmenu from restoring LOGGING-MARK if restored from fast backup method and correct some issues with multi clean log archive functionality (Windows specific)
- V12.0.0.0030 Stop core dumps when processing B10 Unassigned variable... messages from a trigger
- V12.0.0.0031 Correct problems with ISTAT (U), realdump and rogue linefeed on
- V12.0.0.0032 Allow ()'s in BOTH Ros and MultiValue forms of DataBasic format.
- V12.0.0.0033 AFS can cause soft GFE's when opening a file
- V12.0.0.0035 Stop concurrent access to files being cleared causing soft GFE's
- V12.0.0.0036 Remove password protection from the support utility memsnap (UNIX specific)
- V12.0.0.0038 Stop intermittent open failures on SQL-VIEW
- V12.0.0.0039 Enable realload to display tape label before continuing. (UNIX specific)
- V12.0.0.0040 LIST-ITEM-LOCKS fails to show all item locks and protect locks from premature release if locked more than 255 times
- V12.0.0.0041 Add further information into autoswitch logs (UNIX specific)
- V12.0.0.0043 Ensure realclone adds correct path to installed file (UNIX specific)
- V12.0.0.0044 Ensure realclone adds correct path to installed file (Windows specific)
- V12.0.0.0045 Enable tlmenu multi clog dump to unload tape at end of save
- V12.0.0.0046 Correct issues with TRANSABORT when using >2gb Rawlog and correct error handling of OPENSEQ to stop it aborting in frame 2336
- V12.0.0.0047 After heartbeat switch over users can be using the wrong port
- V12.0.0.0048 Stop T-REW from looping when working with limited size Tape Image
- V12.0.0.0049 Ensure that TL-LISTFILES can see empty clean log files.
- V12.0.0.0050 Allow continuation from 'realdbck -a', improve performance of 'realload', stop RESET.DESPOOLER from touching Active despoolers and allow data to be stacked to DSPMON (UNIX specific)
- V12.0.0.0051 Allow continuation from 'realdbck -a', stop RESET-DESPOOLER from touching Active despoolers and allow data to be stacked to DSPMON (Windows specific)
- V12.0.0.0052 Improve tape error checking in tlmenu (UNIX specific)
- V12.0.0.0053 Improve tape error checking in tlmenu (Windows specific)
- V12.0.0.0054 Correct updating of instances using realclone (UNIX specific)
- V12.0.0.0055 Correct updating of instances using realclone (Windows specific)
- V12.0.0.0056 Increase terminal width from 320 to 1000 characters
- V12.0.0.0057 Stop memory corruption during save process with item id's of exactly 240 bytes
- V12.0.0.0058 Ensure that you can perform CDINSTALL to install a Reality overlay.
- V12.0.0.0060 Correct handling of saving secondary with physical save via tlmenu (UNIX specific)
- V12.0.0.0061 Correct handling of saving secondary with physical save via tlmenu (Windows specific)
- V12.0.0.0063 XML parsing enhancements when using tabulate
- V12.0.0.0064 Correct SET-STACK verb and stop ALL from reporting soft context errors during logoff
- V12.0.0.0065 Enable remote commands to be run from tlmenu if SYSMAN account has a password
- V12.0.0.0066 Stop SP-EDIT from leaking memory and from reporting NO JOB FILE
- V12.0.0.0067 Enable background DSPMONs
- V12.0.0.0069 Ensure that AFS commands work with accounts that have passwords
- V12.0.0.0071 Stop core dumps when listing item locks via MAKE-SPECIAL
- V12.0.0.0072 Stop possible GFE's after a restore from physical save
- V12.0.0.0074 It was not possible to reserve ports for specified connection types.
- V12.0.0.0075 Reality net despooler can hang on npu waiting for reply TCP FIN packet
- V12.0.0.0076 Ensure CLEAR-FILE of directory views, clear all files from directory (Windows specific)
- V12.0.0.0077 Stop TL-RESTORE from aborting on Windows and ensure that we wait for switch image to complete before starting save on secondary database (Windows specific)
- V12.0.0.0079 Ensure AFS-CONTRACT and EXPAND do not exit without reporting error code
- V12.0.0.0080 Ensure that positioning of an index, positions to correct key
- V12.0.0.0081 Stop deamon.log being flooded with messages from a DIR-VIEW read failure
- V12.0.0.0084 Ensure that tlmenu can detect unexpected tlrestore errors (UNIX specific)
- V12.0.0.0085 Ensure that tlmenu can detect unexpected tlrestore errors (Windows specific)
- V12.0.0.0086 GFE generated when AFS expanding file during ACCOUNT-RESTORE
- V12.0.0.0087 Ensure that restore can always restore a SQL-VIEW pointer even if haven't got access to foreign dbase
- V12.0.0.0089 Ensure that connections are rejected if wrong connect notification message received
- V12.0.0.0090 Attempt to speed up TL AUTOSWITCH (UNIX specific)
- V12.0.0.0091 Attempt to speed up TL AUTOSWITCH (Windows specific)
- V12.0.0.0093 Stop Failsafe receiver (fsr) from taking over spinlocks



V12.0.0.0094 TIME outside UK broken on Linux when daylight saving active. Plus, despooling to Linux ES4 system scheduler fails even though job is printed.
V12.0.0.0096 Correct user interface for DataBasic CONNECT RETURNING clause.
V12.0.0.0097 Ensure that emptying rawlog clears switching flags
V12.0.0.0098 Updates to files with indexes may not appear on secondary if Rapid recovery is configured
V12.0.0.0100 Concurrent update to AFS index can result in grouplock messages in daemon.log
V12.0.0.0101 AFS files/indexes can get heavily over expanded
V12.0.0.0104 Physical save/restore results in GFE's on the restored system
V12.0.0.0105 V12 cannot read V14 format compressed image
V12.0.0.0106 Stop realcip from core dumping due to RRE_BADIMAGE
V12.0.0.0107 SYS command causes process to logoff after a heartbeat failover (UNIX specific)
V12.0.0.0108 Creating spool job or sequential item > 2Gb will corrupt the database
V12.0.0.0109 SAVE-IMAGE and LOAD-IMAGE can corrupt large items on restored database
V12.0.0.0110 Stop Reality from caching a FCB from a remote file which has failed as a result of a network error.
V12.0.0.0111 Allow SQL-VIEW to have a configurable transaction level
V12.0.0.0112 Ensure a V14.0 save with indexes can be restored onto Reality V12.0
V12.0.0.0116 Attempt to improve detection of autoswitch of clean log requirement
V12.0.0.0117 Stop memory corruption in central daemon

