



Information Engineering Technology

GuardEn Release Notes



Release 8.7.5

CONTENTS

RELEASE NOTES	1
INTRODUCTION	3
GUARDIEN GENERAL.....	3
CR11773 PREVENT COPY OF CALL EXTERNAL	3
CR11777 BATCH OBJECTS & PROPERTIES REPORT FOR HE.....	3
CR11779 INLINE CODE IN PAD REPORT MISSING CHARACTERS.....	3
CR11799 RIT USAGE OF TRANSFER STATEMENTS	3
CR11802 CRUD ACTIONS IN CBD MODE.....	3
CR11805 CHANGE TUTORIALS FROM FLASH TO HTML5 FOR COURSE NOTES	3
CR11810 OVERRIDE FTP PORT	3
CR11811 INCREASE SSH COMMAND LINE	3
CR11819 PROVIDE PASSWORD COUNTDOWN FOR TRUSTED	3
CR11844 FIX FOR MANUALLY MODIFIED COMMCFG	4
CHANGE MANAGEMENT.....	4
CR11783 CHANGE REQUEST SELECTION DIALOG.....	4
CR11813 CR ACTION UPDATE AUTHORITY CHECKING	4
SYSTEM UPDATING.....	4
CR11774 CHECK DLL AND NONDLL DATASETS DIFFER.....	4
CR11775 ASSEMBLE FOR GEN 8.6 NOT WORKING	4
CR11784 DU/SU MVS USERID VALUE.....	4
CR11785 INVOKING POST-MIGRATE EXIT IN SU MIGRATE	4
CR11825 XO MIGRATE AND FILE DELETION ON MVS.....	4
CR11828 WEB SERVICE GENERATION	4
CR11833 RAPIDE ENHANCEMENT SUPPORT	4
CR11835 GD71 FIX ICM ENHANCEMENT FOR JAVA.....	5
UPLOAD ASSISTANT.....	5
CR11793 CHANGE CAPTURE VERSIONING	5
HELP ASSISTANT	5
CR11852 HELP ASSISTANT NOT SUPPORTING THE CORRECT TYPES OF WIDGET OBJECTS FOR HELPIDs.....	5
PROJECT ADMINISTRATION	5
CR11795 DELETE PROJECT SHOULD ALSO DELETE EXTERNAL OBJECTS.....	5
CR11809 PREVENT GD28 HOUSEKEEPING UTILITY ABEND TIRM149E.....	5
CR11849 TARGET PROPERTY AUTO-FILL PATHS	5
SYSTEM ADMINISTRATION	5
CR11803 FIXES GD67 EXPORT PROCESS	5
GENIE DIRECT	5
CR11781 GENIE DIRECT - COPY OF INLINES HAS WRONG CR/LF.....	5
CR11788 GENIE DIRECT – DHLOG MODEL NAME INCORRECT	6
CR11822 GENIE QUICK PUBLISH DUPLICATE TRANCODE / LOAD MODULE	6
GENIE PLUG-IN	6
CR11796 MERGE SORT OPTION	6
OBJECT LIST+	6
CR11792 ACCESSING LINKAGES TAB FROM OBJECT LIST+.....	6

Introduction

Changes marked with a ‘**’ indicate fixes to high severity issues and it is highly recommended that the service pack is installed if you are likely to be affected by these issues.

Changes marked with a ‘*’ indicates fixes to medium severity issues or a change in behaviour and again it is recommended that the service pack is installed if this issue is likely to affect you.

GuardIEn General

CR11773 Prevent copy of CALL EXTERNAL

Copying of action blocks that contain a CALL EXTERNAL is now prevented. The CA Gen schema specifies that the XSIFACE object is referenced rather than copied and copying the CALL EXTERNAL statement therefore means that the statement in the new AB references the same XSIFACE rather than creating a copy. If either of the action blocks are deleted or if either of the CALL EXTERNAL statements are deleted however, CA Gen cascade deletes the XSIFACE which therefore deletes the CALL EXTERNAL statement from both the original and copied AB. The same behaviour is noticed in the CA Gen toolset but the toolset allows the AB to be copied, which is not recommended as a workaround since the same issue will result.

CR11777 Batch Objects & Properties Report for HE

The batch objects and properties report for data objects currently available for the CSE (GD48) is now also available on the HE.

CR11779 Inline Code in PAD Report missing characters

When inline code statement text needs to be wrapped, 4 characters are incorrectly removed from the wrapped line.

CR11799 RIT usage of Transfer Statements

The RIT usage of an action block does not correctly list the triggers used for a Transfer statement

CR11802 CRUD actions in CBD mode

When using CBD usage style, the CRUD action does not show associate, disassociate or transfer actions.

CR11805 Change Tutorials from Flash to HTML5 for Course Notes

Since Flash is no longer supported, the Course Notes for GuardIEn Tutorials have been converted to HTML5.

CR11810 Override FTP port

The port that the GuardIEn client connects to for FTP file transfers can be changed from the default 21 to another port using an environment variable:

GDN_FTP_PORT=nn – override all FTP ports

GDN_FTP_PORT_<xxx>=nn override FTP port for server <xxx> where <xxx> is the hostname or IP address as defined to GuardIEn / XOS.

CR11811 Increase SSH command line

Increase SSH command line length from 500 to 1000 characters

CR11819 Provide password countdown for TRUSTED

Provide the password countdown to expiry option (PWDCHWRN, PWDCHDAY properties) even for z/OS HE sites with the TRUSTED MVSLOGN system parameter. This is to overcome the situation whereby, with no security enabled server side, you can login to GuardIEn and not realise your central password needs altering - so this switch is a reminder to even those using the TRUSTED sign-in to change their password at the appropriate time.

CR11844 Fix for manually modified commcfg

If tokens like CMIDEBUG are manually added to the commcfg.ini file before the server lines, the correct comms method is not deduced by GuardIEn to decide whether to present the logon dialog before or after the initial server call.

Change Management

CR11783 Change Request Selection dialog

The Select Change Request dialog can be invoked to either select a single CR or multiple CRs. At present it remembers the selected CRs when refreshing the list (for example changed filters) and if in the single-select mode, this can result in an error message being displayed that multiple CRs cannot be selected. It now does not remember the selected CRs on a refresh when in single select mode.

CR11813 CR Action Update authority checking

The CRACTASS project property which enables CR actions to be updated by the CR assignee does not correctly determine the CR assignee.

System Updating

CR11774 Check DLL and nonDLL datasets differ

A check has been added to the MVS compile step to verify that the DLL and nonDLL datasets are not the same when compiling code for compatibility.

CR11775 Assemble for Gen 8.6 not working

Performing an Assemble on Windows through GuardIEn does not work with Gen 8.6, giving an error that the Gen compose script cannot be found on the classpath (com.ca.gen.bt.compose.Compose). This fix is in script GdDeploy.bat.

CR11784 DU/SU MVS userid value

When executing DU/SU steps on a CSE for execution on MVS, if the MVSFTPUS target property is set to the value <USERID> (which is used for XOS processing), the pre-populated userid in the DU/SU execution dialog remains this value. It now replaces the value '<USERID>' with the user's GuardIEn userid.

CR11785 Invoking post-migrate exit in SU migrate

The post-migrate check exit GDPMIGEX is invoked when a migrate step in a system update is successful. However, if the migrate is only partially successful (for example some models are updated and other not) or does not complete, the exit is not invoked. With this change the exit can be always invoked or invoked if the migrate is partially completed. To enable the new behaviour, create a system parameter with a code of SUMIGPEX and a text value of ALWAYS to always invoke the exit even if the migration fails.

CR11825 XO Migrate and file deletion on MVS

The XOS Migrate step on the HE only deletes the first XO file per deliverable type for MVS targets. The XO objects in the GuardIEn database are deleted but only the first actual dataset member is deleted from the source dataset.

CR11828 Web Service Generation

Fixed an issue with the generation of the web service outbnd.xsl transformation file

CR11833 Rapide Enhancement Support

Provided support for the new Rapide feature to enable a common .JAR for server load module ia/oa classes. You need to install the Rapide 3.0 incremental updates dated 12th May 2021 or later.

CR11835 GD71 Fix ICM Enhancement for Java

The GD71 Fix ICM utility removes action blocks that are only statically linked into an Opslib from the ICM of server load modules to avoid them being duplicated into the server load module. For Java platforms, a similar issue arises where the classes for action blocks packaged into an Opslib are also duplicated in the server load module. This duplication of the action block classes is unwanted since it means that if a dynamic action block is changed, all server load modules that use it also need to be re-linked. GD71 has been enhanced to also remove dynamic action blocks from the icm file.

Upload Assistant

CR11793 Change Capture Versioning

When performing change capture via either the Upload Assistant or Direct Editing, if the changes are being captured to a CR, deliverable versions are now always assigned, even if the 'Assign Versions' property is not ticked. The Assign Versions property is only used to control whether versions are assigned when the changes are not being captured to a CR.

Help Assistant

CR11852 Help Assistant not supporting the correct types of widget objects for HELPIDs

A change in GuardIEn 8.6 SP8 and GuardIEn 8.7 SP2 meant that the list of widget/control types that Help Assistant lists and sets the HELPIDs of was incorrect - in particular, LSTBXFLDs do have a HELPID, but listboxes/dropdowns do not.

Project Administration

CR11795 Delete Project should also delete External Objects

When a Deliverable is deleted the associated External Objects in GuardIEn should also be deleted. At present these are disassociated and left as orphan data in the database. This has now been resolved.

CR11809 Prevent GD28 Housekeeping Utilityabend TIRM149E

An abend was encountered when VerifIEr parameters were checked against an empty origin location. This is now resolved.

CR11849 Target Property auto-fill paths

When using the Target Property auto-fill paths function for the client or server variant 1, the language is not appended to target property paths that require the language.

System Administration

CR11803 Fixes GD67 Export process

Fix errors found in the GD67 Export process

genIE Direct

CR11781 genIE Direct - copy of INLINEs has wrong CR/LF

When using genIE Direct to copy/xcopy INLINE statements, newlines are not handled correctly, so if you open a copied INLINE statement in the Gen Toolset and edit that INLINE, the line breaks will be missing.

CR11788 genIE Direct – DHLOG model name incorrect

genIE Direct DHLOG records on the HE incorrectly set the model name column value to the model schema

CR11822 genIE Quick Publish duplicate trancode / load module

Packaging of load modules and transcodes can become corrupted by Spec Migrate if equivalent packaging object with same ancestry cannot be found, or the desired packaging item is used by a different load module or pstep in the target model. For example, duplicate load modules or transcodes will get created.

genIE Plug-In

CR11796 Merge Sort option

The genIE Sort Generator has been updated to provide an alternate sort algorithm. Previously it used a bubble sort algorithm. This has the advantage of being simple to implement and has a low requirement for additional views but it is not efficient at sorting large volumes of data.

As an alternative to the bubble sort, the genIE sort function now allows you to choose a Merge Sort algorithm.

The merge sort algorithm is very efficient (high performance). It is normally implemented as recursive code, but this is not possible with CA Gen action diagrams, so the algorithm used is a non-recursive bottom-up merge sort. The advantage of this is the speed of the sort, especially for large volumes of data with the disadvantage that a local copy of the group view being sorted has to be used for temporary working storage.

Object List+

CR11792 Accessing Linkages tab from Object List+

If you use the Linkages toolbar/menu item in Object List+ to directly open the Linkages tab for a deliverable, the models are not grouped by release in the same way as they are if the Deliverable Linkages tab is accessed having first opened the Deliverable Detail tab.