



# ***GuardIEn 8.6 SP1 Release Notes***

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## Introduction

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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.

## Change Management

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### *CR11093 CR Distribution Wizard updates foreign deliverable version states*

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When CR Distribution Wizard has been used to create child CRs in other projects that consume deliverables, the update of the child CRs will automatically also update the status of versions from the owning project, which it should not do - only the owning project's CR should do this. Setting the project property UPDATEF to NO will now prevent this.

### *CR11104 XOS rework warning if CR not associated to an environment*

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If the CR is not associated to an environment and the targets cannot be determined, the XO re-work wizard now issues a warning message.

### *CR11126 CR Content support for more than 10k content rows*

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The number of deliverables that can be displayed in CR Content has been increased from 10,000 to 30,000.

## Migration

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### *CR11109 Allow Trial Migrate if user has read-only access*

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The GuardIEn migrate submission checks that the user has migrate authority on the target model for a migrate. However Gen allows a trial migrate even if the user has read only access, so the GuardIEn check is now consistent with this.

### *CR11156 Lost View Matching Check ignores PROCs*

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The Lost/Changed View Matching pre-migrate check does not correctly identify the called action blocks from procedure steps.

## System Updating

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### *CR11086 Generate and Install Web Services*

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A new option for GuardIEn CSE enables the generation and installation of custom web services. Previously the only way that custom web services could be generated was via Gen Studio and a manual assemble using the Build Tool which meant that the generated web service code had to be manually synchronised with the migration of the procedure steps through the life-cycle.

At present automated installation/assemble is only available for a Windows CSE and local install.

### *CR11094 SU Migrate check all models before terminating*

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When checking the models for a SU migrate that migrates from multiple models, if there are any errors, the check stops after processing the model and any remaining models are not checked. The checks will now be performed for the remaining models so that all of the errors are reported.

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### ***CR11101 SU Migrate Override Report Mode updates status***

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If a 'report mode' SU migrate step is overridden, the version status is still updated to the post-migrate step. This should not occur.

### ***CR11128 SU/DU Target overrides not used in certain SU steps***

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In some SU steps (HE: NEWLOAD, PUEXIT, ENDEVOR CHECK; CSE: PUEXIT, CHANGEMAN CHECK) if a DU/SU target override was defined it was not correctly picked up by the step(s). This issue applied to possible Model and Release overrides too. These steps now correctly assess target overrides consistent with other SU steps for CSE and HE.

### ***CR11149 Expansion Data Model Check include parent ENT name***

---

The expansion data model check does not include the parent entity type name when reporting an attribute as changed.

### ***CR11152 Expansion Copy Validation for installs of CBD action block***

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The expansion copy validation step that checks for Install records that are no longer required because a called AB is no longer in the expansion does not use CBD impact analysis and hence assumes that the called ABs from other models are not statically linked. If called ABs from other models are statically linked then the validation will remove them. This has now been fixed.

### ***CR11179 Backup migrate fails if MIGSTAT used***

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If the migrates to the production model are performed using a status based migrate step (MIGSTAT) the subsequent backup step does not identify the migration that performed the migrate to scope the backup migrate correctly.

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## **GuardIEn General**

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### ***CR11083 Show SQL support for C# and Java***

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The Show SQL feature now supports code generated for C# and Java.

### ***CR11153 WRE850N omits IET customisations***

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The IET customisations to the WRE850N exit were not correctly applied for 8.6 which meant that the GDN\_SECURITY environment variable settings were not correctly setting the Gen comms values.

### ***CR 11157 CBD Structure Report breaks 9999 limit***

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CBD Structure report did not check for the Group View full condition properly when integrating intermediate results into the final report. This has been fixed so that the report no longer crashes but now produces a warning to notify the user that the results are not complete.

### ***CR 11159 Use of TDC for MQ***

---

The GuardIEn Server Select utility that maintains the commcfg.ini file now supports the use of a single queue for MQ when using the TDC. Previously selecting MQ created a queue definition for each server load module.

### ***CR 11164 Deliverable Report – do not show temp migration records***

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The Deliverable Definition report includes the temporary migration definition (shows as a row with id=0) if the report is produced whilst a migration definition is open. This is now no longer displayed.

### ***CR 11170 Transfer Deliverable to new project abend if release not defined***

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Transferring a deliverable to a new project abends if the release is mandatory for the new project and a version does not have a release defined.

## ***CR11176 Web Interface Enhancements***

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The GuardIEn WebCR interface now includes modules for System Updating and Task Assistant, allowing the majority of functions provided by GuardIEn system updates and the Task Assistant to be accessed from a browser interface.

When defining the scope of a Release Pack, you can use the mouse to 'drag and drop' release packs between the two lists showing included and available CRs.

## **Task Dispatcher & Task Assistant**

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### ***CR11096 Toolset Interaction (upload) fails after applying Gen 8.5 IR2/PTFs or later***

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Toolset interaction (upload verify phase) causes Toolset to crash after the verify part is performed. Only occurs on Gen 8.5 after applying Gen IR2 PTFs or later. For workstations suffering this problem, set a new environment variable GDN\_TSI\_POST\_VERIFY\_DELAY (in GdClientEnv.bat for example) that defines a sleep period (in ms) to wait after the verify has completed, to allow the Toolset to catch up with the operation. Suggested value is 500.

## **Upload Assistant**

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### ***CR11120 Upload Assistant sometimes shows old Failed task***

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If a previous Upload of a Model/Subset failed and that task has not been deleted, then Upload Assistant may show display that task's details when opened, even though that task is not relevant to the current Toolset session. This has been fixed so that the task information is not displayed if the Toolset is not expecting any automated interaction.

## **XOS**

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### ***CR11134 Load XO 'Remove' function changes deliverable types***

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If records are removed from the Load External Objects dialog, the deliverable type codes for the records can be set incorrectly.

## **genIE Direct**

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### ***CR11137 Quick Publish fails***

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In some situations, Quick Publish may fail with "Cannot read ObjId for statement..." referencing a "PROP SESSION 9050", which is not a statement, but a property. This relates to the sequence of object ids for view sections, so is unpredictable as to which ABs might fail.

### ***\*\* CR11155 genIE sets invalid assoc sequence numbers***

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Certain genIE functions that change ordered association chains that involve more than 128 objectgs can result in setting negative sequence numbers.

## **genIE Plug-In**

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### ***CR11143 Search for inline code statements containing string***

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genIE Search text plug-in now detects strings in inline code.

## **genIE Packaging**

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### ***CR1177 Paste from Clipboard into Load Module content***

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You can now paste items from the clipboard into the content of a load module or operations library. The items must have been selected from a GuardIEn function that includes the object ids, for example Object List+. Note that copying items from the Deliverable List or CR Content or other lists that do not include the object ids is not supported.

## **VerifIEr**

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### ***CR11095 Additional Checks***

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#### **IET159 No single cardinality repeating group views:**

Repeating Group Views with a maximum occurrences of 1 are not supported by all Gen runtime platforms

#### **IET160 Missing Tab Sequence**

All visible fields and controls should have a tab sequence defined

#### **161 Do not use accelerator key without Ctrl or Alt**

Accelerator Keys defined for menu items or push buttons should include a Ctrl and/or Alt modifier unless using F1-F12.

**Note: To use checks IET160 and above, you will need a new VerifIEr activation code. Contact IET support for this.**

### ***CR1136 VerifIEr Trial Version***

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VerifIEr checks can now be executed with a VerifIEr licence in a 'trial' mode. In this mode, you can only scope an entire model for checking rather than selected objects, and the failed object names are blanked out. The trial mode is designed to show you how many different types of errors can be detected by VerifIEr.

## **pathvIEw**

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### ***CR11090 pathvIEw SPP gives invalid code if trace is on and a SET USING statement is present***

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If you generate your Action Block code with trace, and the AB contains a SET...USING statement (C language only), the resulting SPPd code will not compile.

### ***CR11091 pathvIEw List incorrect data***

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The pathvIEw list does not show the gentime correctly. The first digit is not displayed and the column heading is incorrect.

### ***CR11099 PVLSNR fails with error 112 on MVS***

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The PVLSNR started task can end with a resource error (112) having processed over 10k messages.

### ***CR11113 pathvIEw SPP job submission fails***

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Additional steps added to the GDPVSPP procedure mean that 30 steps / job exceeds the limit of 255 job steps, so the number of steps/job has been reduced to 20.

### ***CR11116 & CR11122 Support for directly called action blocks***

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pathvIEw now supports logging of execution data from action blocks that have not been invoked from a procedure step (i.e. invoked from user written code) or where the procedure step has not been enabled for pathvIEw processing. Previously the action blocks had to be invoked from a procedure step that had been post-processed for pathvIEw support.

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### ***CR11162 Web Interface for pathvIEW***

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The GuardIEn WebCR interface now includes a web interface for pathvIEW. Not all of the advanced functions of the pathvIEW GUI interface are available in the web interface, and this is primarily designed to enable non-developers access to the overview information.

### ***CR11175 %Tested filter with merge mode***

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The %tested filter does not filter rows when merge mode is enabled

### ***CR11181 SPP Java extracting Model name incorrectly***

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The PathvIEW Source Code Post-Processor was not extracting the Model name correctly from generated Java code, so this was being stored incorrectly in the PathvIEW database.

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## **Interfaces**

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### ***CR11107 Error in ISPW Interface***

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An incorrect GDHE0313 error message is issued when running the ISPW interface.

### ***CR11111 Error in Endeavor Interface***

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An incorrect GDHE0313 error message is issued when running the Endeavor interface after applying 8.5 SP4

### ***CR11141 ChangeMan XOS processing missing EABs included via expansion***

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If an E(AB) needs to be XOS staged via ChangeMan ZMF in an SU then it is only picked up if the EAB is explicitly scoped into some CR content: impacted E(ABs) are not included as the mapping is not performed for the AB deliverable type. This is now fixed and E(ABs) included via expansion will now also be correctly staged.

### ***CR11132 Support for ChangeMan ZMF 8.1***

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GuardIEn 8.6 provides support for ChangeMan ZMF 8.1.