



# ***GuardlEn 8.7 SP2 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.

## **GuardIEn General**

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### ***CR11576 List Deliverable***

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List Deliverable does not return any data when you select a single deliverable type and sort on code

### ***CR11588 Impact Wizard Add Optional Attribute***

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The impact wizard does not flag for regeneration action blocks that contain a persistent view of adding an optional attribute to an entity type that is used in persistent views. The action block and its callers should be flagged for regeneration.

### ***CR11592 Deliverable Usage Looping***

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Deliverable Usage can loop in certain circumstances when performing a complete upward calling chain and more than 9999 rows are in the results set.

### ***CR11598 WebCR SU/DU URL Parm***

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WebCR now supports additional URL parameters to open a DU/SU. See the WebCR documentation on URL parameters for details.

### ***CR11602 WebCR Java 9, 10 and 11 Support***

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WebCR now supports Java 9, 10 and 11, either 32 bit or 64 bit.

### ***CR11605 Require Password Change***

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The user can be required to change their GuardIEn password by setting the following system parameters:

- 1) The audit logging of password changes must be enabled, either by auditing all tables or ‘by table’ and auditing of ‘Change Password’.
- 2) Create a system parameter with a code of PWDCHDAY and a numeric value of the number of days that the password is valid for, for example 90.
- 3) Optionally create a system parameter with a code of PWDCHWRN and a numeric value of the number of days before the password expires after which a warning is issued to the user that their password will expire in n days, for example 7.

### ***CR11611 CBD Usage Upward Calling Chain***

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When performing a complete upward calling chain function in OL+ or Usage Across Models in CBD mode, the full chain may not be returned when the CBDUPSTY project property is set to I

### ***CR11612 GuardIEn Select Server updating of commcfg.properties***

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The Select Server utility no longer updates commcfg.properties since GuardIEn Studio now has its own Select Server utility

### ***CR11615 GuardIEn Change Password***

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If the GuardIEn password change exit is used to change the system password (for example the MVS password), then when a new password is entered in the GuardIEn logon dialog, the Gen runtimes need to be provided with the old password to initially pass the security check when using enhanced security. A new client environment variable GDN\_DOES\_PWD\_CHANGE should be set to a value of YES when the password change is performed by GuardIEn.

Normally when passwords are changed outside of GuardIEn and security is validated by the Gen runtimes, the MVSLOGN system parameter would be set to TRUSTED and the user would just logon with their new password rather than old+new.

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## Migration

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### *CR11585 Linkage Name incorrect after migration*

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The post-migrate check can incorrectly set the name of a linkage and associated deliverable.

### *CR11636 Migration Check fails when not migrating packaging*

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Migration check failures occur when the project property “Migrate Packaging” is set to NO and the only change to the p-step is the load module timestamp. The check processing assumes the migration has been unsuccessful and fails the migration job - even if the elements that have been selected for migration were migrated ok. With “Migrate Packaging” = NO, the migration check will now not include the load module packaging timestamp in the date comparison.

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## System Updating

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### *CR11553 Job Class Permitted Values*

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You can restrict the job class specified for the execution of a DU/SU to a list of up to 7 values by specifying permitted values in the PUJOBCLS project property type.

### **\*\* CR11554 CSE to MVS Password Check**

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When executing SU/DU steps on a CSE that will be implemented on MVS, the specified MVS userid and password are now validated when submitting the steps to ensure that they are correct. Previously this validation was only done when the steps executed. The validation is performed via the GDCSEJCL exit. The default exit has been provided with a mechanism to validate the userid and password via FTP. If you have a custom implementation of this exit, you will need to modify the exit to cater for the password check. Note that the default gdexit.dll has been included with this service pack so if you have a custom version of the DLL in your svr87\inload, you will need to replace this with your custom version.

### *CR11572 CSE->MVS Remote DB2 plan bind now supports multiple collection ids*

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If you require more complex definition of the PKLIST parameter (e.g. if you need more than one collection id to be specified) then you can now use the bind options file (MVSD2OPT). To do so suffix your bind options file (MVSD2OPT) target property with the string ‘+PKLIST’ and place your PKLIST requirements also into the bind options file as above. The default single collection id provided via the MVSD2COL target property will be suppressed for the creation of the plan bind cards as the settings located in the bind options file will be used instead. Package bind cards will remain unaffected.

### *CR11573 CSE->MVS RI Trigger control card overrides*

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A new mechanism is now available to override the standard z/OS link control cards built for RI triggers when linking load modules. By default, the INCLUDE cards are either built as static (INCLUDE APPLOAD) referencing the RIT member or dynamic (IMPORT CODE) referencing the RIT member and its load module DLL, with the information about RI trigger packaging obtained from the model being processed. Now, with target property MVSRI TO (RIT Link Override) set to YES and the deliverable property RITCASC (RIT Cascade Override) activated for a specific RI trigger the standard cards can be overridden for that RI trigger, irrespective of the model packaging settings for RI triggers – useful if a site is maintaining RI trigger builds manually or via an alternative link approach.

If the RITCASC deliverable property is set to YES or YES, MEMBER then, irrespective of model packaging, the INCLUDE card for that trigger will become IMPORT CODE ‘<RIT member>’,<RIT member>’. If RITCASC is set to YES,<RIT load module DLL>’, the INCLUDE card for that trigger will become IMPORT CODE ‘<RIT load module DLL>’,<RIT member>’, irrespective of model packaging.

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### ***CR11580 CSE->MVS Remote DB2 Grant Execute on Plan Bind support***

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A new mechanism is now available, as part of the remote MVS DB2 Plan bind support, to perform an additional Grant Execute if required. Activation of this request is triggered by use of a new target property, MVSD2GRT, that, when set to YES, will call a new remote procedure (GDCMBNDG) to invoke the Grant Execute request for the plan name in question. In addition, it is also possible to set the required SQLID based on the following rules:

If new target property MVSD2GRO is not set (or blank) then the SQLID will be the GuardIEn submitter's (MVS) userid.

If new target property MVSD2GRO is set to the literal 'OWNER' then the value of the existing MVSD2OWN target property is used to set the SQLID. Note that if MVSD2OWN is set to the literal '&USERID' then, consistent with existing behaviour, the GuardIEn submitter's (MVS) userid is used.

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### ***CR11589 Link Step abend when using DSNULI***

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When linking for DSNULI, the GuardIEn link step can abend if batch action blocks are included.

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### ***CR11595 Error completing System Update with blocked Deliverables***

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After the change in 8.7.1 to not update the status beyond the BLOCKENV environment for a deliverable for a migrate, the SU complete step can now fail on attempting to update the status. If a version is beyond the BLOCKENV value for the deliverable, the SU complete step will not attempt to update the version status.

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### ***CR11616 Link cards for compatibility modules***

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GuardIEn generated link-cards for compatibility modules incorrectly specify INCLUDE APPLOAD not INCLUDE REGLIB for the compatibility module.

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### ***CR11620 Provision of CICS PHASEIN for CICS New Copy processing***

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The ability to invoke a CICS PHASEIN instead of the default CICS NEWCOPY for delivering changed application CICS load modules via GuardIEn's CICS New Copy processing is now available for both HE and CSE sites targeting z/OS remotely. Please see the relevant System Updating steps in the online help for information on how to activate this change.

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### ***CR11624 DSNULI and Additional Link***

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If the LINKBT2 property is set to request an additional batch link, this is not performed when specifying DSNULI. The additional link is now performed.

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### ***CR11626 Pre-migrate timestamp check***

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The SPECTIME step type has been enhanced to support pre-migrate timestamp checks, i.e. on the source models for the migrate so that you can validate that all of the non-master models in the source environment have been synchronised prior to migrating to the next environment. This is achieved by specifying a source environment code in the step type parameters.

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### ***CR11635 Assign 'G' role processing for deliverable types without migration rules***

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If a deliverable type does not have any migration rules defined (for example OLE objects), the 'Assign G Roles' processing will now ignore this type rather than process them since it will then issue a message 'GDCW5034: could not determine which model to assign for deliverable: <deliv code>'.  
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### ***CR1637 Prevent version status update if not migrated***

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If a system update migration does not migrate a deliverable a warning is issued (e.g. GDHW5202) to explain the cause followed by a confirmation in the form of 'GDHW5185: The following deliverables were not migrated to the destination model(s)'. However, the check still proceeds to update the version status to the post migration value. A stricter check can be performed during the update state processing to only update the status if the deliverable was included in a migration. This is enabled by setting the 'Check Migrated' (SUMIGCMP) project property to YES.

## **Upload Assistant**

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### ***CR11596 Upload Assistant incorrectly requires Change Request***

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If Upload Assistant is opened with a project that requires CR capture and then a model is selected which is owned by a project that does not require CR capture, the Upload Assistant still prompts for CR selection.

## **System Administration**

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### ***CR11634 System Summary Report – CR sub-types***

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The system summary report incorrectly includes the CR- sub-types in the deliverable type listing. These are now not included in the report.

## **genIE Direct**

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### ***CR11627 New CASE OF with SPACES CASE***

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When using genIE Direct to add a new CASE OF COMMAND statement, if SPACES was selected as one of the items to have a CASE clause for, it would fail with an error message stating that this type (EXPSAU) was not supported.

## **Object List+**

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### ***CR11555 Find Function***

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A “Find” function has been provided in Object List+. This cycles through the results list highlighting rows where the name matches the search value.

## **VerifIEr**

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### ***CR11606 Batch Execute VerifIEr Checks***

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VerifIEr checks can be executed via the command line / batch job using a parameters file to scope the check types and objects to be checked. Consult the Background Jobs manual for details.

### ***CR11607 Toolset plug-in to highlight changed objects***

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A new ‘Highlight objects changed since update’ checkbox is available in the VerifIEr plug-in. This can be ticked which means that action blocks and procedure steps modified since the last update of the model to the encyclopaedia (or checkout if no update has been performed) are highlighted. This makes it very easy to check the changed objects, especially prior to an update of the model to the encyclopaedia.

### ***CR11628 New Checks***

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#### **IET166 Selection Character test**

If a listbox selection character is tested for "\*" it should also be tested for "+"

### **IET167 IF MessageBox should test for first option**

An IF MessageBox statement that has parameters of YesNo, OKCancel or RetryCancel should test for the first value, i.e. Yes, OK or Retry and a YesNoCancel should test for Yes or No. This ensures that an Escape of the messagebox is handled correctly.

### ***CR11639 Batch Execution of VerifIEr in Eval Mode***

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When evaluating VerifIEr on the host encyclopaedia, checks cannot be run in batch.

## **Tutorials**

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### ***CR11601 Fix Prepare TUTOR course to prevent DASC bug***

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The "Rename objects/packaging" phase of the Tutor Project preparation introduces a corruption in DASC that is shown if the copied model is EXTRACTED as a child model. This has been resolved.