

Banner Web General Release Guide

*Release 8.1
September 2008*



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Revision History Log**Publication Date Summary**

September 2008	New version that supports 8.1 software.
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1 Miscellaneous Enhancements



Self-Service Security Enhancement

In this release, changes were made to improve the security of Banner's Self-Service products. This update addresses a potential security vulnerability that could arise if scripting codes are deliberately inserted into data displayed in Self-Service.

Banner's Self-Service processing has been modified to check for malicious scripting codes before they can be passed through to the user's browser and potentially executed. In addition, if scripting codes are detected, a security log entry is recorded so that security administrators can follow up if necessary.

These security changes affect many Self-Service objects and pages, but they have no functional impact and no direct effect on end users.

The following Web General objects were changed for this enhancement:

- bwgksrv1.sql
- bwgkccr1.sql
- bwgkoad1.sql
- bwgkoem1.sql
- bwgkoma1.sql
- bwgkop1.sql

For more information:

- Details of this enhancement can be found in the 8.1 Banner Web Tailor Release Guide.
- More information on this security vulnerability can be found in FAQ 1-2P7TER.
- Advice on web server configuration settings for improved security can be found in FAQ 1-2PE6V7.

New Login Options

Two new Web Tailor parameters have been added to enable new institution-wide options for Self-Service logins. Depending on your institution's settings, users may be able to log in:

- Using their Social Security Numbers in place of their User IDs.
- With the system disregarding the case of their User ID; in other words, treating uppercase and lowercase characters as equivalent when logging in.

This change was made in response to RPE 1-1AXVKL. See the 8.1 *Web Tailor Release Guide* for more information.

2 Problem Resolutions



This section lists the problem resolutions included in Release 8.1. For details about a problem resolution, refer to the `genweb80100resolutions.txt` file that accompanies this release.

Rekey Corrections

Several of the problem resolutions in this release involve technical changes to support the process of translating the Banner system into multiple languages. Banner supports several different language environments, and `G$_NLS` routines are used to translate messages for non-English implementations. A process referred to as *rekey* is used during the translation process. As part of this release objects have been modified where necessary to correct errors in the translation process. These changes have no impact on English-language implementations of Banner.

Summary of Problem Resolutions

Object Name	Defect #	Summary
<code>bwgkccr1.sql</code>	1-1AD9PH	<code>bwgkccr1</code> - hardcoded \$ in amount field.
<code>bwgkoad1.sql</code>	1-33TKIN	Rekey: Some messages in <code>BWGKOAD1</code> have <code>G\$.NLS_get</code> for non translatable items.
<code>bwgkoad1.sql</code>	1-3F9L5S	Rekey: Missing <code>G\$_NLS.get</code> in <code>BWGKOAD1</code>
<code>bwgkoad1.sql</code>	1-3MMJC9	Rekey: Version 8.0 of file has invalid message

