osCommerce Online Merchant v2.3.3.3

osCommerce Online Merchant v2.3.3.3 is a general maintenance release focusing on improving core features and introducing new security check modules.

This release is in preparation of and building up to v2.3.4.

This document can be found online at:

http://library.oscommerce.com/Online&en&oscom_2_3&release_notes&v2_3_3_3

Changelog Changes from v2.3.3.2

The following changes have been applied:

Title	Description	Bug	Severity	Committer
Database Query Logging (2 files)	Improve database query error logging.	626	Low	Harald
Administration Tool Navigation Menu (1 file)	Dynamically load navigation menu boxes.		Low	Harald
HTTPS -> HTTP Browser Alert (2 files)	Have forms posting from a HTTPS to HTTP page post to a HTTPS version to prevent the browser (Firefox) from alerting the user of being directed to an insecure page.	606	Low	Harald
Currencies (1 file)	Force decimal places value to an integer value.		Low	Harald
Action Recorder (5 files)	When expiring logged entries, don't pass the database connection link to tep_db_affected_rows().	629	Low	Harald
UTF-8 Updates (4 files)	Set the MySQL character set to UTF-8 after a connection is made. Set the English locale to en_US.UTF-8, en_US.UTF8, enu_usa.		Low	Harald
Date of Birth (3 files)	Take the Configuration -> Minimum Values -> Date of Birth value into consideration to make the date of birth field optional.		Low	Harald
Administration Tool Automatic HTTP Authentication Login (1 file)	Don't use the HTTP Authentication values when the login form is being submitted. Don't show an invalid administrator notice when an automatic HTTP Authentication fails. Don't record failed automatic HTTP Authentication logins.		Low	Harald
Canonical Manufacturer ID (1 file)	Force the Manufacturer ID to an integer value.		Low	Gary
Administration Tool -> Who's Online (3 files)	Remove the session_decode() functionality and show shopping cart contents only for logged in customers. When regenerating a session ID, update the session ID in the who's online database table to prevent duplicate entries.		Low	Harald
MailChimp 360 (1 file)	Fix module title.		Low	Foxp2

Title	Description	Bug	Severity	Committer
Administration Tool -> Security Checks (4 files)	Introduce a new security checks page that shows the results of the security checks and extended security checks modules.		Low	Harald
Administration Tool -> Database Tables (4 files)	Introduce a new database tables page to show information and perform actions on database tables.		Low	Harald
Version Update (1 file)	Update version to v2.3.3.3.			

New Modules

The following modules have been added:

Security Check Modules	Description	Committer
Extended Last Run Check	Check if the extended security check modules were run in the last 30 days.	Harald

Extended Security Check Modules	Description	Committer
admin/backups/ Directory Listing	Check if the admin/backups/ directory is publicly accessible (directory listing or index.html page).	Harald
admin/backups/ File Accessibility	Check if a backup in admin/backups/ is publicly accessible.	Harald
Administration Tool HTTP Authentication	Check if a HTTP Authentication layer is active on the Administration Tool.	Harald
ext/ Directory Listing	Check if the ext/ directory is publicly accessible (directory listing or index.html page).	Harald
MySQL UTF-8 Database Tables	Check if a database table exists that does not have a utf8_unicode_ci character set.	Harald
Version Check	Check if a version update check was performed in the last 30 days.	Harald

> The Extended Security Check modules are located in a new directory in admin/includes/modules/security_check/extended/.

API Changes

The following API changes have been applied:

Title	Description
New MySQLi Compatibility Functions	mysqli_connect_errno(), mysqli_connect_error(), mysqli_set_charset().

Title	Description
Language Locale	The locale defined in the main language file has changed from a LC_TIME setting to LC_ALL, and from a ISO_8859-1 character set to UTF-8.
Who's Online	The shopping cart contents of guests are no longer shown on the Who's Online page due to the removal of the potentially session conflicting session_decode() function.
Who's Online	New tep_whos_online_update_session_id() function to update the customers session ID in the whos_online database table when their session ID has been regenerated. This prevents duplicate entries showing in the Who's Online listing.
Administration Tool Navigation Menu	The Administration Tool navigation menu now loads the boxes dynamically so column_left.php no longer needs to be edited to add a navigation menu link. The navigation links are now sorted alphabetically.
Administration Tool Extended Security Check Modules	Extended Security Check modules are located in a new admin/includes/modules/security_check/extended/ directory and are not loaded with the normal security check modules on the Dashboard page due to being more resource intensive. Instead they are loaded on a new Tools -> Security Checks page together with the normal security check modules. Both module types can now have a $has_doc class property to link to the Library Wiki documentation site.

Language Definitions

The following language definitions have been modified:

Definitions	Status
[admin] modules/boxes/tools_database_tables.php	
MODULES_ADMIN_MENU_TOOLS_DATABASE_TABLES	New
[admin] modules/boxes/tools_security_checks.php	
MODULES_ADMIN_MENU_TOOLS_SECURITY_CHECKS	New
[admin] modules/security_check/extended/admin_backup_directory_listing.php	
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_BACKUP_DIRECTORY_LISTING_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_BACKUP_DIRECTORY_LISTING_HTTP_200	New
[admin] modules/security_check/extended/admin_backup_file.php	
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_BACKUP_FILE_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_BACKUP_FILE_HTTP_200	New
[admin] modules/security_check/extended/admin_http_authentication.php	
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_HTTP_AUTHENTICATION_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_ADMIN_HTTP_AUTHENTICATION_ERROR	New

Definitions	Status

[admin] modules/security_check/extended/ext_directory_listing.php

MODULE_SECURITY_CHECK_EXTENDED_EXT_DIRECTORY_LISTING_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_EXT_DIRECTORY_LISTING_HTTP_200	New

[admin] modules/security_check/extended/mysql_utf8.php

MODULE_SECURITY_CHECK_EXTENDED_MYSQL_UTF8_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_MYSQL_UTF8_ERROR	New

[admin] modules/security_check/extended/version_check.php

MODULE_SECURITY_CHECK_EXTENDED_VERSION_CHECK_TITLE	New
MODULE_SECURITY_CHECK_EXTENDED_VERSION_CHECK_ERROR	New

[admin] modules/security_check/extended_last_run.php

MODULE_SECURITY_CHECK_EXTENDED_LAST_RUN_OLD	New

[admin] database_tables.php

HEADING_TITLE	New
TABLE_HEADING_TABLE	New
TABLE_HEADING_ROWS	New
TABLE_HEADING_SIZE	New
TABLE_HEADING_ENGINE	New
TABLE_HEADING_COLLATION	New
TABLE_HEADING_MSG_TYPE	New
TABLE_HEADING_MSG	New
ACTION_CHECK_TABLES	New
ACTION_ANALYZE_TABLES	New
ACTION_OPTIMIZE_TABLES	New
ACTION_REPAIR_TABLES	New
ACTION_UTF8_CONVERSION	New
BUTTON_ACTION_GO	New

[admin] security_checks.php

HEADING_TITLE	New
TABLE_HEADING_TITLE	New
TABLE_HEADING_MODULE	New
TABLE_HEADING_INFO	New

Modified Files

Files that have been modified in this release include:

Modified Files

admin/includes/functions/database.php

admin/includes/languages/english.php

admin/includes/column_left.php

Modified Files

admin/action_recorder.php

admin/customers.php

admin/login.php

admin/whos_online.php

includes/classes/currencies.php

includes/functions/database.php

includes/functions/sessions.php

includes/functions/whos_online.php

includes/languages/english.php

includes/modules/action_recorder/ar_admin_login.php

includes/modules/action_recorder/ar_contact_us.php

includes/modules/action_recorder/ar_reset_password.php

includes/modules/action_recorder/ar_tell_a_friend.php

includes/modules/boxes/bm_manufacturers.php

includes/modules/boxes/bm_search.php

includes/modules/header_tags/ht_canonical.php

includes/modules/header_tags/ht_mailchimp_360.php

includes/version.php

account_edit.php

create_account.php

New Files

Files that have been added to this release include:

New Files

admin/includes/boxes/tools_database_tables.php

admin/includes/boxes/tools_security_checks.php

admin/includes/languages/english/database_tables.php

admin/includes/languages/english/modules/boxes/tools_database_tables.php

admin/includes/languages/english/modules/boxes/tools_security_checks.php

admin/includes/languages/english/modules/security_check/extended/admin_backup_directory_listing.php

admin/includes/languages/english/modules/security_check/extended/admin_backup_file.php

New Files

admin/includes/languages/english/modules/security_check/extended/admin_http_authentication.php

admin/includes/languages/english/modules/security_check/extended/ext_directory_listing.php

admin/includes/languages/english/modules/security_check/extended/mysql_utf8.php

admin/includes/languages/english/modules/security_check/extended/version_check.php

admin/includes/languages/english/modules/security_check/extended_last_run.php

admin/includes/languages/english/security_checks.php

admin/includes/modules/security_check/extended/admin_backup_directory_listing.php

admin/includes/modules/security_check/extended/admin_backup_file.php

admin/includes/modules/security_check/extended/admin_http_authentication.php

admin/includes/modules/security_check/extended/ext_directory_listing.php

admin/includes/modules/security_check/extended/mysql_utf8.php

admin/includes/modules/security_check/extended/version_check.php

admin/includes/modules/security_check/extended_last_run.php

admin/database_tables.php

admin/security_checks.php

File Changes

Database Query Logging (2 files)

📄 **admin/includes/functions/database.php**

change tep_db_error() from:

```
function tep_db_error($query, $errno, $error) {
  die('<font color="#000000"><strong>' . $errno . ' - ' . $error . '<br /><br />' . $query . '<br /><br
  /><small><font color="#ff0000">[TEP STOP]</font></small><br /><br /></strong></font>');
}
```

to:

```php
function tep_db_error($query, $errno, $error) {
  global $logger;

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    $logger->write('[' . $errno . '] ' . $error, 'ERROR');
  }

  die('<font color="#000000"><strong>' . $errno . ' - ' . $error . '<br /><br />' . $query . '<br /><br
 /><small><font color="#ff0000">[TEP STOP]</font></small><br /><br /></strong></font>');
}
```

change tep_db_query() from:

```php
function tep_db_query($query, $link = 'db_link') {
  global $$link, $logger;

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    if (!is_object($logger)) $logger = new logger;
    $logger->write($query, 'QUERY');
  }

  $result = mysqli_query($$link, $query) or tep_db_error($query, mysqli_errno($$link), mysqli_error($$l
ink));

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    if (mysqli_error($$link)) $logger->write(mysqli_error($llink), 'ERROR');
  }

  return $result;
}
```

to:

```php
function tep_db_query($query, $link = 'db_link') {
  global $$link, $logger;

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    if (!is_object($logger)) $logger = new logger;
    $logger->write($query, 'QUERY');
  }

  $result = mysqli_query($$link, $query) or tep_db_error($query, mysqli_errno($$link), mysqli_error($$l
ink));

  return $result;
}
```

📄 **includes/functions/database.php**

change tep_db_error() from:

```php
function tep_db_error($query, $errno, $error) {
  die('<font color="#000000"><strong>' . $errno . ' - ' . $error . '<br /><br />' . $query . '<br /><br /><small><font color="#ff0000">[TEP STOP]</font></small><br /><br /></strong></font>');
}
```

to:

```php
function tep_db_error($query, $errno, $error) {
  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    error_log('ERROR: [' . $errno . '] ' . $error . "\n", 3, STORE_PAGE_PARSE_TIME_LOG);
  }

  die('<font color="#000000"><strong>' . $errno . ' - ' . $error . '<br /><br />' . $query . '<br /><br /><small><font color="#ff0000">[TEP STOP]</font></small><br /><br /></strong></font>');
}
```

change tep_db_query() from:

```php
function tep_db_query($query, $link = 'db_link') {
  global $$link;

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    error_log('QUERY ' . $query . "\n", 3, STORE_PAGE_PARSE_TIME_LOG);
  }

  $result = mysqli_query($$link, $query) or tep_db_error($query, mysqli_errno($$link), mysqli_error($$link));

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    $result_error = mysqli_error($$link);
    error_log('RESULT ' . $result . ' ' . $result_error . "\n", 3, STORE_PAGE_PARSE_TIME_LOG);
  }

  return $result;
}
```

to:

```php
function tep_db_query($query, $link = 'db_link') {
  global $$link;

  if (defined('STORE_DB_TRANSACTIONS') && (STORE_DB_TRANSACTIONS == 'true')) {
    error_log('QUERY: ' . $query . "\n", 3, STORE_PAGE_PARSE_TIME_LOG);
  }

  $result = mysqli_query($$link, $query) or tep_db_error($query, mysqli_errno($$link), mysqli_error($$link));

  return $result;
}
```

Administration Tool Navigation Menu (1 file)

📄 **admin/includes/column_left.php**

around line 16, change from:

```php
include(DIR_WS_BOXES . 'configuration.php');
include(DIR_WS_BOXES . 'catalog.php');
include(DIR_WS_BOXES . 'modules.php');
include(DIR_WS_BOXES . 'customers.php');
include(DIR_WS_BOXES . 'taxes.php');
include(DIR_WS_BOXES . 'localization.php');
include(DIR_WS_BOXES . 'reports.php');
include(DIR_WS_BOXES . 'tools.php');
```

to:

```php
if ($dir = @dir(DIR_FS_ADMIN . 'includes/boxes')) {
  $files = array();

  while ($file = $dir->read()) {
    if (!is_dir($dir->path . '/' . $file)) {
      if (substr($file, strrpos($file, '.')) == '.php') {
        $files[] = $file;
      }
    }
  }

  $dir->close();

  natcasesort($files);

  foreach ( $files as $file ) {
    if ( file_exists(DIR_FS_ADMIN . 'includes/languages/' . $language . '/modules/boxes/' . $file) ) {
      include(DIR_FS_ADMIN . 'includes/languages/' . $language . '/modules/boxes/' . $file);
    }

    include($dir->path . '/' . $file);
  }
}

function tep_sort_admin_boxes($a, $b) {
  return strcasecmp($a['heading'], $b['heading']);
}

usort($cl_box_groups, 'tep_sort_admin_boxes');

function tep_sort_admin_boxes_links($a, $b) {
  return strcasecmp($a['title'], $b['title']);
}

foreach ( $cl_box_groups as &$group ) {
  usort($group['apps'], 'tep_sort_admin_boxes_links');
}
```

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HTTPS -> HTTP Browser Alert (2 files)

📄 **includes/modules/boxes/bm_manufacturers.php**

around line 34, change from:

```php
global $HTTP_GET_VARS, $oscTemplate;
```

to:

```php
global $HTTP_GET_VARS, $request_type, $oscTemplate;
```

around line 65, change from:

```
$content = tep_draw_form('manufacturers', tep_href_link(FILENAME_DEFAULT, '', 'NONSSL', false), 'get')
 .
```

to:

```
$content = tep_draw_form('manufacturers', tep_href_link(FILENAME_DEFAULT, '', $request_type, false), 'get') .
```

📄 **includes/modules/boxes/bm_search.php**

around line 34, change from:

```
global $oscTemplate;
```

to:

```
global $request_type, $oscTemplate;
```

around line 39, change from:

```
'    ' . tep_draw_form('quick_find', tep_href_link(FILENAME_ADVANCED_SEARCH_RESULT, '', 'NONSSL', false), 'get') .
```

to:

```
'    ' . tep_draw_form('quick_find', tep_href_link(FILENAME_ADVANCED_SEARCH_RESULT, '', $request_type, false), 'get') .
```

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Currencies (1 file)

📄 **includes/classes/currencies.php**

around line 29, change from:

```
'decimal_places' => $currencies['decimal_places'],
```

to:

```
'decimal_places' => (int)$currencies['decimal_places'],
```

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Action Recorder (5 files)

📄 **admin/action_recorder.php**

around line 67, change from:

```
$expired_entries += tep_db_affected_rows($db_link);
```

to:

```
$expired_entries += tep_db_affected_rows();
```

- **includes/modules/action_recorder/ar_admin_login.php**
- **includes/modules/action_recorder/ar_contact_us.php**
- **includes/modules/action_recorder/ar_reset_password.php**
- **includes/modules/action_recorder/ar_tell_a_friend.php**

in those 4 module files, change expireEntries() from:

```
function expireEntries() {
  global $db_link;

  tep_db_query("delete from " . TABLE_ACTION_RECORDER . " where module = '" . $this->code . "' and date
_added < date_sub(now(), interval " . (int)$this->minutes  . " minute)");

  return tep_db_affected_rows($db_link);
}
```

to:

```
function expireEntries() {
  tep_db_query("delete from " . TABLE_ACTION_RECORDER . " where module = '" . $this->code . "' and date
_added < date_sub(now(), interval " . (int)$this->minutes  . " minute)");

  return tep_db_affected_rows();
}
```

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UTF-8 Updates (4 files)

- **admin/includes/functions/database.php**
- **includes/functions/database.php**

in those 2 files, change tep_db_connect() from:

```
function tep_db_connect($server = DB_SERVER, $username = DB_SERVER_USERNAME, $password = DB_SERVER_PASS
WORD, $database = DB_DATABASE, $link = 'db_link') {
  global $$link;

  if (USE_PCONNECT == 'true') {
    $server = 'p:' . $server;
  }

  $$link = mysqli_connect($server, $username, $password, $database);

  return $$link;
}
```

to:

```php
function tep_db_connect($server = DB_SERVER, $username = DB_SERVER_USERNAME, $password = DB_SERVER_PASS
WORD, $database = DB_DATABASE, $link = 'db_link') {
  global $$link;

  if (USE_PCONNECT == 'true') {
    $server = 'p:' . $server;
  }

  $$link = mysqli_connect($server, $username, $password, $database);

  if ( !mysqli_connect_errno() ) {
    mysqli_set_charset($$link, 'utf8');
  }

  return $$link;
}
```

after the mysqli_connect() function (defined around line 178), add:

```php
function mysqli_connect_errno($link = null) {
  return mysql_errno($link);
}

function mysqli_connect_error($link = null) {
  return mysql_error($link);
}

function mysqli_set_charset($link, $charset) {
  if ( function_exists('mysql_set_charset') ) {
    return mysql_set_charset($charset, $link);
  }
}
```

- **admin/includes/languages/english.php**
- **includes/languages/english.php**

in those 2 files, around lines 17 and 19, change from:

```php
setlocale(LC_TIME, 'en_US.ISO_8859-1');
```

to:

```php
setlocale(LC_ALL, array('en_US.UTF-8', 'en_US.UTF8', 'enu_usa'));
```

Please also make the same change to the main catalog and admin language files for other languages you have installed. Example language UTF-8 locales are:

- **Arabic:** ar_SA.UTF-8, ar_SA.UTF8, ara_sau
- **Chinese (Simplified):** zh_CN.UTF-8, zh_CN.UTF8, chs_chn
- **Chinese (Traditional):** zh_TW.UTF-8, zh_TW.UTF8, cht_twn
- **Dutch:** nl_NL.UTF-8, nl_NL.UTF8, nld_nld
- **French (Canada):** fr_CA.UTF-8, fr_CA.UTF8, frc_can
- **French (France):** fr_FR.UTF-8, fr_FR.UTF8, fra_fra

Please also apply the Administration Tool -> Database Tables changeset described in this release guide to be able to see the character sets of your database tables and convert non-UTF8 tables to utf8_unicode_ci.

Date of Birth (3 files)

📄 admin/customers.php

around line 60, change from:

```
if (checkdate(substr(tep_date_raw($customers_dob), 4, 2), substr(tep_date_raw($customers_dob), 6, 2), s
ubstr(tep_date_raw($customers_dob), 0, 4))) {
```

to:

```
if ((strlen($customers_dob) >= ENTRY_DOB_MIN_LENGTH) && ((is_numeric(tep_date_raw($customers_dob)) && @
checkdate(substr(tep_date_raw($customers_dob), 4, 2), substr(tep_date_raw($customers_dob), 6, 2), subst
r(tep_date_raw($customers_dob), 0, 4))) || empty($customers_dob))) {
```

📄 account_edit.php

around line 55, change from:

```
if ((is_numeric(tep_date_raw($dob)) == false) || (@checkdate(substr(tep_date_raw($dob), 4, 2), substr(t
ep_date_raw($dob), 6, 2), substr(tep_date_raw($dob), 0, 4)) == false)) {
```

to:

```
if ((strlen($dob) < ENTRY_DOB_MIN_LENGTH) || (!empty($dob) && (!is_numeric(tep_date_raw($dob)) || !@che
ckdate(substr(tep_date_raw($dob), 4, 2), substr(tep_date_raw($dob), 6, 2), substr(tep_date_raw($dob), 0
, 4))))) {
```

📄 create_account.php

around line 80, change from:

```
if ((is_numeric(tep_date_raw($dob)) == false) || (@checkdate(substr(tep_date_raw($dob), 4, 2), substr(t
ep_date_raw($dob), 6, 2), substr(tep_date_raw($dob), 0, 4)) == false)) {
```

to:

```
if ((strlen($dob) < ENTRY_DOB_MIN_LENGTH) || (!empty($dob) && (!is_numeric(tep_date_raw($dob)) || !@che
ckdate(substr(tep_date_raw($dob), 4, 2), substr(tep_date_raw($dob), 6, 2), substr(tep_date_raw($dob), 0
, 4))))) {
```

Administration Tool Automatic HTTP Authentication Login (1 file)

📄 **admin/login.php**

around line 28, change from:

```
if (tep_session_is_registered('redirect_origin') && isset($redirect_origin['auth_user'])) {
```

to:

```
if (tep_session_is_registered('redirect_origin') && isset($redirect_origin['auth_user']) && !isset($HTT
P_POST_VARS['username'])) {
```

around line 75, change from:

```
$messageStack->add(ERROR_INVALID_ADMINISTRATOR, 'error');
```

to:

```
if (isset($HTTP_POST_VARS['username'])) {
  $messageStack->add(ERROR_INVALID_ADMINISTRATOR, 'error');
}
```

around line 80, change from:

```
$actionRecorder->record(false);
```

to:

```
if (isset($HTTP_POST_VARS['username'])) {
  $actionRecorder->record(false);
}
```

Canonical Manufacturer ID (1 file)

📄 **includes/modules/header_tags/ht_canonical.php**

around line 40, change from:

```
$oscTemplate->addBlock('<link rel="canonical" href="' . tep_href_link(FILENAME_DEFAULT, 'manufacturers_
id=' . $HTTP_GET_VARS['manufacturers_id'], 'NONSSL', false) . '" />' . "\n", $this->group);
```

to:

```
$oscTemplate->addBlock('<link rel="canonical" href="' . tep_href_link(FILENAME_DEFAULT, 'manufacturers_
id=' . (int)$HTTP_GET_VARS['manufacturers_id'], 'NONSSL', false) . '" />' . "\n", $this->group);
```

Administration Tool -> Who's Online (3 files)

📄 **admin/whos_online.php**

> It is safe to skip this file if your version contains customizations or modifications from an Add-On.

around line 53, change from:

```
$info = $whos_online['session_id'];
```

to:

```
$info = new ObjectInfo($whos_online);
```

around line 56, change from:

```
if ($whos_online['session_id'] == $info) {
```

to:

```
if (isset($info) && ($whos_online['session_id'] == $info->session_id)) {
```

around line 68, change from:

```
<td class="dataTableContent"><?php if (preg_match('/^(.*)' . tep_session_name() . '=[a-f,0-9]+[&]*(.*)/
i', $whos_online['last_page_url'], $array)) { echo $array[1] . $array[2]; } else { echo $whos_online['l
ast_page_url']; } ?> </td>
```

to:

```
<td class="dataTableContent"><?php if (preg_match('/^(.*)oscCsid=[A-Z0-9,-]+[&]*(.*)/i', $whos_online['l
ast_page_url'], $array)) { echo $array[1] . $array[2]; } else { echo $whos_online['last_page_url']; } ?
> </td>
```

around line 81, change from:

```
if (isset($info)) {
  $heading[] = array('text' => '<strong>' . TABLE_HEADING_SHOPPING_CART . '</strong>');

  if (STORE_SESSIONS == 'mysql') {
    $session_data = tep_db_query("select value from " . TABLE_SESSIONS . " WHERE sesskey = '" . $info .
"'");
    $session_data = tep_db_fetch_array($session_data);
    $session_data = trim($session_data['value']);
  } else {
    if ( (file_exists(tep_session_save_path() . '/sess_' . $info)) && (filesize(tep_session_save_path()
```

```php
    if ( (file_exists(tep_session_save_path() . '/sess_' . $info)) && (filesize(tep_session_save_path()
. '/sess_' . $info) > 0) ) {
        $session_data = file(tep_session_save_path() . '/sess_' . $info);
        $session_data = trim(implode('', $session_data));
      }
    }

    if ($length = strlen($session_data)) {
      $start_id = strpos($session_data, 'customer_id|s');
      $start_cart = strpos($session_data, 'cart|O');
      $start_currency = strpos($session_data, 'currency|s');
      $start_country = strpos($session_data, 'customer_country_id|s');
      $start_zone = strpos($session_data, 'customer_zone_id|s');

      for ($i=$start_cart; $i<$length; $i++) {
        if ($session_data[$i] == '{') {
          if (isset($tag)) {
            $tag++;
          } else {
            $tag = 1;
          }
        } elseif ($session_data[$i] == '}') {
          $tag--;
        } elseif ( (isset($tag)) && ($tag < 1) ) {
          break;
        }
      }

      $session_data_id = substr($session_data, $start_id, (strpos($session_data, ';', $start_id) - $start
_id + 1));
      $session_data_cart = substr($session_data, $start_cart, $i);
      $session_data_currency = substr($session_data, $start_currency, (strpos($session_data, ';', $start_
currency) - $start_currency + 1));
      $session_data_country = substr($session_data, $start_country, (strpos($session_data, ';', $start_co
untry) - $start_country + 1));
      $session_data_zone = substr($session_data, $start_zone, (strpos($session_data, ';', $start_zone) -
$start_zone + 1));

      session_decode($session_data_id);
      session_decode($session_data_currency);
      session_decode($session_data_country);
      session_decode($session_data_zone);
      session_decode($session_data_cart);

      if (isset($cart) && is_object($cart)) {
        $products = $cart->get_products();
        for ($i = 0, $n = sizeof($products); $i < $n; $i++) {
          $contents[] = array('text' => $products[$i]['quantity'] . ' x ' . $products[$i]['name']);
        }

        if (sizeof($products) > 0) {
          $contents[] = array('text' => tep_draw_separator('pixel_black.gif', '100%', '1'));
          $contents[] = array('align' => 'right', 'text'  => TEXT_SHOPPING_CART_SUBTOTAL . ' ' . $currenc
```

```
  ies->format($cart->show_total(), true, $currency));
        } else {
            $contents[] = array('text' => ' ');
        }
    }
  }
}
```

to:

```
  ies->format($cart->show_total(), true, $currency));
        } else {
            $contents[] = array('text' => ' ');
```

```php
if (isset($info)) {
  $heading[] = array('text' => '<strong>' . TABLE_HEADING_SHOPPING_CART . '</strong>');

  if ( $info->customer_id > 0 ) {
    $products_query = tep_db_query("select cb.customers_basket_quantity, cb.products_id, pd.products_na
me from " . TABLE_CUSTOMERS_BASKET . " cb, " . TABLE_PRODUCTS_DESCRIPTION . " pd where cb.customers_id
= '" . (int)$info->customer_id . "' and cb.products_id = pd.products_id and pd.language_id = '" . (int)
$languages_id . "'");

    if ( tep_db_num_rows($products_query) ) {
      $shoppingCart = new shoppingCart();

      while ( $products = tep_db_fetch_array($products_query) ) {
        $contents[] = array('text' => $products['customers_basket_quantity'] . ' x ' . $products['produ
cts_name']);

        $attributes = array();

        if ( strpos($products['products_id'], '{') !== false ) {
          $combos = array();
          preg_match_all('/(\{[0-9]+\}[0-9]+){1}/', $products['products_id'], $combos);

          foreach ( $combos[0] as $combo ) {
            $att = array();
            preg_match('/\{([0-9]+)\}([0-9]+)/', $combo, $att);

            $attributes[$att[1]] = $att[2];
          }
        }

        $shoppingCart->add_cart(tep_get_prid($products['products_id']), $products['customers_basket_qua
ntity'], $attributes);
      }

      $contents[] = array('text' => tep_draw_separator('pixel_black.gif', '100%', '1'));
      $contents[] = array('align' => 'right', 'text'  => TEXT_SHOPPING_CART_SUBTOTAL . ' ' . $currencie
s->format($shoppingCart->show_total()));
    } else {
      $contents[] = array('text' => ' ');
    }
  } else {
    $contents[] = array('text' => 'N/A');
  }
}
```

includes/functions/sessions.php

change tep_session_recreate() from:

```php
function tep_session_recreate() {
  global $SID;

  if (PHP_VERSION >= 5.1) {
    session_regenerate_id(true);

    if (!empty($SID)) {
      $SID = tep_session_name() . '=' . tep_session_id();
    }
  }
}
```

to:

```php
function tep_session_recreate() {
  global $SID;

  if (PHP_VERSION >= 5.1) {
    $old_id = session_id();

    session_regenerate_id(true);

    if (!empty($SID)) {
      $SID = tep_session_name() . '=' . tep_session_id();
    }

    tep_whos_online_update_session_id($old_id, tep_session_id());
  }
}
```

📄 **includes/functions/whos_online.php**

around line 38, change from:

```php
$stored_customer_query = tep_db_query("select count(*) as count from " . TABLE_WHOS_ONLINE . " where se
ssion_id = '" . tep_db_input($wo_session_id) . "'");
$stored_customer = tep_db_fetch_array($stored_customer_query);

if ($stored_customer['count'] > 0) {
```

to:

```php
$stored_customer_query = tep_db_query("select session_id from " . TABLE_WHOS_ONLINE . " where session_i
d = '" . tep_db_input($wo_session_id) . "' limit 1");

if ( tep_db_num_rows($stored_customer_query) > 0 ) {
```

after tep_update_whos_online(), add:

```
function tep_whos_online_update_session_id($old_id, $new_id) {
  tep_db_query("update " . TABLE_WHOS_ONLINE . " set session_id = '" . tep_db_input($new_id) . "' where
 session_id = '" . tep_db_input($old_id) . "'");
}
```

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MailChimp 360 (1 file)

📄 **includes/modules/header_tags/ht_mailchimp_360.php**

around line 54, change from:

```
tep_db_query("insert into " . TABLE_CONFIGURATION . " (configuration_title, configuration_key, configur
ation_value, configuration_description, configuration_group_id, sort_order, set_function, date_added) v
alues ('Enable Category Title Module', 'MODULE_HEADER_TAGS_MAILCHIMP_360_STATUS', 'True', 'Do you want
to allow category titles to be added to the page title?', '6', '1', 'tep_cfg_select_option(array(\'True
\', \'False\'), ', now())");
```

to:

```
tep_db_query("insert into " . TABLE_CONFIGURATION . " (configuration_title, configuration_key, configur
ation_value, configuration_description, configuration_group_id, sort_order, set_function, date_added) v
alues ('Enable MailChimp 360 Module', 'MODULE_HEADER_TAGS_MAILCHIMP_360_STATUS', 'True', 'Do you want t
o activate this module in your shop?', '6', '1', 'tep_cfg_select_option(array(\'True\', \'False\'), ',
now())");
```

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Administration Tool -> Security Checks (4 files)

Copy the following files to their respective directories:

📄 **admin/includes/boxes/tools_security_checks.php**
📄 **admin/includes/languages/english/modules/boxes/tools_security_checks.php**
📄 **admin/includes/languages/english/security_checks.php**
📄 **admin/security_checks.php**

> Please also copy and update the language definition file to the other languages you have installed.

> This changeset should be performed after the Administration Tool Navigation Menu changeset for the link to appear automatically in the Administration Tool -> Tools menu.

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Administration Tool -> Database Tables (4 files)

Copy the following files to their respective directories:

📄 **admin/includes/boxes/tools_database_tables.php**
📄 **admin/includes/languages/english/modules/boxes/tools_database_tables.php**
📄 **admin/includes/languages/english/database_tables.php**
📄 **admin/database_tables.php**

This changeset should be performed after the Administration Tool Navigation Menu changeset for the link to appear automatically in the Administration Tool -> Tools menu.

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Version Update (1 file)

📄 **includes/version.php**

change line 1 from:

```
2.3.3.2
```

to:

```
2.3.3.3
```

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Extended Last Run Check

Copy the following files to their respective directories:

📄 **admin/includes/languages/english/modules/security_check/extended_last_run.php**
📄 **admin/includes/modules/security_check/extended_last_run.php**

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

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admin/backups/ Directory Listing

Copy the following files to their respective directories:

📄
admin/includes/languages/english/modules/security_check/extended/admin_backup_directory_listing.php
📄 **admin/includes/modules/security_check/extended/admin_backup_directory_listing.php**

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

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admin/backups/ File Accessibility

Copy the following files to their respective directories:

📄 **admin/includes/languages/english/modules/security_check/extended/admin_backup_file.php**

📄 **admin/includes/modules/security_check/extended/admin_backup_file.php**

<div>

Please also copy and update the language definition file to the other languages you have installed.

</div>

<div>

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

</div>

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Administration Tool HTTP Authentication

Copy the following files to their respective directories:

📄
admin/includes/languages/english/modules/security_check/extended/admin_http_authentication.php
📄 **admin/includes/modules/security_check/extended/admin_http_authentication.php**

<div>

Please also copy and update the language definition file to the other languages you have installed.

</div>

<div>

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

</div>

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ext/ Directory Listing

Copy the following files to their respective directories:

📄 **admin/includes/languages/english/modules/security_check/extended/ext_directory_listing.php**
📄 **admin/includes/modules/security_check/extended/ext_directory_listing.php**

<div>

Please also copy and update the language definition file to the other languages you have installed.

</div>

<div>

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

</div>

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MySQL UTF-8 Database Tables

Copy the following files to their respective directories:

📄 **admin/includes/languages/english/modules/security_check/extended/mysql_utf8.php**
📄 **admin/includes/modules/security_check/extended/mysql_utf8.php**

<div>

Please also copy and update the language definition file to the other languages you have installed.

</div>

<div>

After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

</div>

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Version Check

Copy the following files to their respective directories:

📄 **admin/includes/languages/english/modules/security_check/extended/version_check.php**

admin/includes/modules/security_check/extended/version_check.php

> Please also copy and update the language definition file to the other languages you have installed.

> After this changeset is applied, the module can be found in Administration Tool -> Tools -> Security Checks.

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Thank You!

We'd like to thank the community for their feedback on our releases. In addition, we thank the following people who participated in the development of this release.

Bug Reporters

ABS0lute

Bob Terveuren

D-BlooD

dculley

Jack_mcs

mvanderhoff

Scottyj

skleiner

t.man

Reference

A full list of source code changes can be seen at:

https://github.com/osCommerce/oscommerce2/compare/v2.3.3.2...upgrade2333