

Captcha (reCAPTCHA) for osCommerce (for Contact Us, Login and Create Account pages)

1. Get your API keys at <https://www.google.com/recaptcha/admin/create?app=php>.
2. Copy the new file from the catalog/ folder to your osCommerce shop:

catalog/includes/functions/recaptchalib.php

3. Modify the catalog/includes/configure.php file.
Add to the end of the file:

```
// reCAPTCHA - start
define('RECAPTCHA_PUBLIC_KEY', 'your_public_key'); // replace your_public_key with your reCAPTCHA
public key (from the API Signup Page https://www.google.com/recaptcha/admin/create?app=php)
define('RECAPTCHA_PRIVATE_KEY', 'your_private_key'); // replace your_private_key with your
reCAPTCHA private key (from the API Signup Page https://www.google.com/recaptcha/admin/create?
app=php)
define('RECAPTCHA_THEME', 'red'); // red, white, blackglass, clean
// reCAPTCHA - end
```

4. Modify the catalog/includes/languages/english.php file.
Add to the end of the file:

```
// reCAPTCHA - start
define('RECAPTCHA_INTRO', 'Type the characters you see in the picture below.');
```

```
define('RECAPTCHA_ERROR', 'The characters you entered didn\'t match the word verification. Please
try again.');
```

```
// reCAPTCHA - end
```

5. Modify the catalog/contact_us.php file.
Find:

```
require('includes/application_top.php');
```

Add after:

```
require(DIR_WS_FUNCTIONS . 'recaptchalib.php'); // reCAPTCHA
```

Find:

```
if (isset($HTTP_GET_VARS['action']) && ($HTTP_GET_VARS['action'] == 'send')) {
    $name = tep_db_prepare_input($HTTP_POST_VARS['name']);
    $email_address = tep_db_prepare_input($HTTP_POST_VARS['email']);
    $enquiry = tep_db_prepare_input($HTTP_POST_VARS['enquiry']);

    if (tep_validate_email($email_address)) {
        tep_mail(STORE_OWNER, STORE_OWNER_EMAIL_ADDRESS, EMAIL_SUBJECT, $enquiry, $name,
$email_address);

        tep_redirect(tep_href_link(FILENAME_CONTACT_US, 'action=success'));
    } else {
        $error = true;

        $messageStack->add('contact', ENTRY_EMAIL_ADDRESS_CHECK_ERROR);
    }
}
```

Replace with:

```
// reCAPTCHA - start
if (isset($HTTP_GET_VARS['action']) && ($HTTP_GET_VARS['action'] == 'send')) {
    $resp = recaptcha_check_answer(RECAPTCHA_PRIVATE_KEY, $HTTP_SERVER_VARS['REMOTE_ADDR'],
$HTTP_POST_VARS['recaptcha_challenge_field'], $HTTP_POST_VARS['recaptcha_response_field']);
```

```

if ($resp->is_valid) {
    $name = tep_db_prepare_input($HTTP_POST_VARS['name']);
    $email_address = tep_db_prepare_input($HTTP_POST_VARS['email']);
    $enquiry = tep_db_prepare_input($HTTP_POST_VARS['enquiry']);

    if (tep_validate_email($email_address)) {
        tep_mail(STORE_OWNER, STORE_OWNER_EMAIL_ADDRESS, EMAIL_SUBJECT, $enquiry, $name,
$email_address);

        tep_redirect(tep_href_link(FILENAME_CONTACT_US, 'action=success'));
    } else {
        $error = true;

        $messageStack->add('contact', ENTRY_EMAIL_ADDRESS_CHECK_ERROR);
    }
} else {
    $error = true;

    $messageStack->add('contact', RECAPTCHA_ERROR);
}
}

if (!is_object($lng)) {
    include(DIR_WS_CLASSES . 'language.php');
    $lng = new language();
}
foreach ($lng->catalog_languages as $code => $languages) {
    if ($languages['id'] == $languages_id) break;
}
// reCAPTCHA - end

```

Find:

```
<link rel="stylesheet" type="text/css" href="stylesheet.css">
```

Add after:

```

<!-- reCAPTCHA - start -->
<script type="text/javascript">
var RecaptchaOptions = { theme : '<?php echo RECAPTCHA_THEME ?>', lang : '<?php echo in_array($code,
array('en', 'nl', 'fr', 'de', 'pt', 'ru', 'es', 'tr')) ? $code : 'en' ?>' };
</script>
<!-- reCAPTCHA - end -->

```

Find:

```

<tr>
    <td><?php echo tep_draw_textarea_field('enquiry', 'soft', 50, 15); ?></td>
</tr>

```

Add after:

```

<!-- reCAPTCHA - start -->
    <tr>
        <td class="main"><?php echo RECAPTCHA_INTRO; ?></td>
    </tr>
    <tr>
        <td><?php echo recaptcha_get_html(RECAPTCHA_PUBLIC_KEY); ?></td>
    </tr>
<!-- reCAPTCHA - end -->

```

6. Modify the catalog/login.php file.

Find:

```
require('includes/application_top.php');
```

Add after:

```
require(DIR_WS_FUNCTIONS . 'recaptchalib.php'); // reCAPTCHA
```

Find:

```
if (isset($HTTP_GET_VARS['action']) && ($HTTP_GET_VARS['action'] == 'process')) {
    $email_address = tep_db_prepare_input($HTTP_POST_VARS['email_address']);
    $password = tep_db_prepare_input($HTTP_POST_VARS['password']);

    // Check if email exists
    $check_customer_query = tep_db_query("select customers_id, customers_firstname,
customers_password, customers_email_address, customers_default_address_id from " . TABLE_CUSTOMERS .
" where customers_email_address = '" . tep_db_input($email_address) . "'");
    if (!tep_db_num_rows($check_customer_query)) {
        $error = true;
    } else {
        $check_customer = tep_db_fetch_array($check_customer_query);
    // Check that password is good
    if (!tep_validate_password($password, $check_customer['customers_password'])) {
        $error = true;
    } else {
        if (SESSION_RECREATE == 'True') {
            tep_session_recreate();
        }

        $check_country_query = tep_db_query("select entry_country_id, entry_zone_id from " .
TABLE_ADDRESS_BOOK . " where customers_id = '" . (int)$check_customer['customers_id'] . "' and
address_book_id = '" . (int)$check_customer['customers_default_address_id'] . "'");
        $check_country = tep_db_fetch_array($check_country_query);

        $customer_id = $check_customer['customers_id'];
        $customer_default_address_id = $check_customer['customers_default_address_id'];
        $customer_first_name = $check_customer['customers_firstname'];
        $customer_country_id = $check_country['entry_country_id'];
        $customer_zone_id = $check_country['entry_zone_id'];
        tep_session_register('customer_id');
        tep_session_register('customer_default_address_id');
        tep_session_register('customer_first_name');
        tep_session_register('customer_country_id');
        tep_session_register('customer_zone_id');

        tep_db_query("update " . TABLE_CUSTOMERS_INFO . " set customers_info_date_of_last_logon =
now(), customers_info_number_of_logons = customers_info_number_of_logons+1 where customers_info_id =
'" . (int)$customer_id . "'");

    // restore cart contents
    $cart->restore_contents();

    if (sizeof($navigation->snapshot) > 0) {
        $origin_href = tep_href_link($navigation->snapshot['page'],
tep_array_to_string($navigation->snapshot['get'], array(tep_session_name())), $navigation-
>snapshot['mode']);
        $navigation->clear_snapshot();
        tep_redirect($origin_href);
    } else {
        tep_redirect(tep_href_link(FILENAME_DEFAULT));
    }
}

if ($error == true) {
    $messageStack->add('login', TEXT_LOGIN_ERROR);
}
```

Replace with:

```
// reCAPTCHA - start
if (isset($HTTP_GET_VARS['action']) && ($HTTP_GET_VARS['action'] == 'process')) {
    $resp = recaptcha_check_answer(RECAPTCHA_PRIVATE_KEY, $HTTP_SERVER_VARS['REMOTE_ADDR'],
$HTTP_POST_VARS['recaptcha_challenge_field'], $HTTP_POST_VARS['recaptcha_response_field']);
    if ($resp->is_valid) {

        $email_address = tep_db_prepare_input($HTTP_POST_VARS['email_address']);
```

```

$password = tep_db_prepare_input($HTTP_POST_VARS['password']);

// Check if email exists
$check_customer_query = tep_db_query("select customers_id, customers_firstname,
customers_password, customers_email_address, customers_default_address_id from " . TABLE_CUSTOMERS .
" where customers_email_address = '" . tep_db_input($email_address) . "'");
if (!tep_db_num_rows($check_customer_query)) {
    $error = true;
} else {
    $check_customer = tep_db_fetch_array($check_customer_query);
// Check that password is good
if (!tep_validate_password($password, $check_customer['customers_password'])) {
    $error = true;
} else {
    if (SESSION_RECREATE == 'True') {
        tep_session_recreate();
    }

    $check_country_query = tep_db_query("select entry_country_id, entry_zone_id from " .
TABLE_ADDRESS_BOOK . " where customers_id = '" . (int)$check_customer['customers_id'] . "' and
address_book_id = '" . (int)$check_customer['customers_default_address_id'] . "'");
    $check_country = tep_db_fetch_array($check_country_query);

    $customer_id = $check_customer['customers_id'];
    $customer_default_address_id = $check_customer['customers_default_address_id'];
    $customer_first_name = $check_customer['customers_firstname'];
    $customer_country_id = $check_country['entry_country_id'];
    $customer_zone_id = $check_country['entry_zone_id'];
    tep_session_register('customer_id');
    tep_session_register('customer_default_address_id');
    tep_session_register('customer_first_name');
    tep_session_register('customer_country_id');
    tep_session_register('customer_zone_id');

    tep_db_query("update " . TABLE_CUSTOMERS_INFO . " set customers_info_date_of_last_logon =
now(), customers_info_number_of_logons = customers_info_number_of_logons+1 where customers_info_id =
'" . (int)$customer_id . "'");

// restore cart contents
$cart->restore_contents();

    if (sizeof($navigation->snapshot) > 0) {
        $origin_href = tep_href_link($navigation->snapshot['page'],
tep_array_to_string($navigation->snapshot['get'], array(tep_session_name())), $navigation-
>snapshot['mode']);
        $navigation->clear_snapshot();
        tep_redirect($origin_href);
    } else {
        tep_redirect(tep_href_link(FILENAME_DEFAULT));
    }
}

} else {
    $error = true;
}
}

if ($error == true) {
    if ($resp->is_valid) {
        $messageStack->add('login', TEXT_LOGIN_ERROR);
    } else {
        $messageStack->add('login', RECAPTCHA_ERROR);
    }
}

if (!is_object($lng)) {
    include(DIR_WS_CLASSES . 'language.php');
    $lng = new language();
}
foreach ($lng->catalog_languages as $code => $languages) {
    if ($languages['id'] == $languages_id) break;
}
// reCAPTCHA - end

```

Find:

```
function session_win() {
    window.open("<?php echo tep_href_link(FILENAME_INFO_SHOPPING_CART); ?
>", "info_shopping_cart", "height=460,width=430,toolbar=no,statusbar=no,scrollbars=yes").focus();
}
```

Add after:

```
var RecaptchaOptions = { theme : '<?php echo RECAPTCHA_THEME ?>', lang : '<?php echo in_array($code,
array('en', 'nl', 'fr', 'de', 'pt', 'ru', 'es', 'tr')) ? $code : 'en' ?>' }; // reCAPTCHA
```

Find:

```
<tr>
    <td class="main"><b><?php echo ENTRY_PASSWORD; ?></b></td>
    <td class="main"><?php echo tep_draw_password_field('password'); ?></td>
</tr>
```

Add after:

```
<!-- reCAPTCHA - start -->
    <tr>
        <td class="main" colspan="2"><?php echo RECAPTCHA_INTRO . '<br>' .
recaptcha_get_html(RECAPTCHA_PUBLIC_KEY); ?></td>
    </tr>
<!-- reCAPTCHA - end -->
```

7. Modify the catalog/create_account.php file.

Find:

```
require('includes/application_top.php');
```

Add after:

```
require(DIR_WS_FUNCTIONS . 'recaptchalib.php'); // reCAPTCHA
```

Find:

```
$error = false;
```

Add after:

```
// reCAPTCHA - start
$resp = recaptcha_check_answer(RECAPTCHA_PRIVATE_KEY, $HTTP_SERVER_VARS['REMOTE_ADDR'],
$HTTP_POST_VARS['recaptcha_challenge_field'], $HTTP_POST_VARS['recaptcha_response_field']);
if (!$resp->is_valid) {
    $error = true;

    $messageStack->add('create_account', RECAPTCHA_ERROR);
}
// reCAPTCHA - end
```

Find:

```
    tep_redirect(tep_href_link(FILENAME_CREATE_ACCOUNT_SUCCESS, '', 'SSL'));
}
}
```

Add after:

```
// reCAPTCHA - start
```

```

if (!is_object($lng)) {
    include(DIR_WS_CLASSES . 'language.php');
    $lng = new language();
}
foreach ($lng->catalog_languages as $code => $languages) {
    if ($languages['id'] == $languages_id) break;
}
// reCAPTCHA - end

```

Find:

```
<link rel="stylesheet" type="text/css" href="stylesheet.css">
```

Add after:

```

<!-- reCAPTCHA - start -->
<script type="text/javascript">
var RecaptchaOptions = { theme : '<?php echo RECAPTCHA_THEME ?>', lang : '<?php echo in_array($code,
array('en', 'nl', 'fr', 'de', 'pt', 'ru', 'es', 'tr')) ? $code : 'en' ?>' };
</script>
<!-- reCAPTCHA - end -->

```

Find:

```

        <tr>
            <td class="main"><?php echo ENTRY_PASSWORD_CONFIRMATION; ?></td>
            <td class="main"><?php echo tep_draw_password_field('confirmation') . '&nbsp;' .
(tep_not_null(ENTRY_PASSWORD_CONFIRMATION_TEXT) ? '<span class="inputRequirement">' .
ENTRY_PASSWORD_CONFIRMATION_TEXT . '</span>': ''); ?></td>
        </tr>
    </table></td>
</tr>
</table></td>
</tr>

```

Add after:

```

<!-- reCAPTCHA - start -->
    <tr>
        <td><?php echo tep_draw_separator('pixel_trans.gif', '100%', '10'); ?></td>
    </tr>
    <tr>
        <td class="main"><?php echo RECAPTCHA_INTRO . '<br>' .
recaptcha_get_html(RECAPTCHA_PUBLIC_KEY); ?></td>
    </tr>
<!-- reCAPTCHA - end -->

```