New Features Guide
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This guide provides an overview of new features and enhancements for Blackbaud NetCommunity 6.64. For information about how to install or update to this version, see the *Infinity Platform Installation and Upgrade Guide*.

**Note:** You must use The Raiser’s Edge 7.93 to integrate with Blackbaud NetCommunity 6.64. For Support assistance, create a case on Case Central.

**Note:** You must use Blackbaud Student Information System 7.84 or higher with The Raiser’s Edge 7.93 or higher to integrate with Online Campus Community 6.64. For Support assistance, create a case on Case Central.

Password Reset Page Link

To improve password reset security in email messages from Blackbaud NetCommunity, you now select a user login password reset page from the Create link to a special page option on the HTML Editor when you design the email message.
Tip: The ability to create a special page to link to your user login page (that you define for Page settings in Sites & settings) previously existed. With this feature, any page that contains a User Login part now appears from the drop down and you want to select the user login page that navigates users to your forgotten password page.

This new link remains active in an email for the user to take action to reset the password any time.

When an email recipient clicks the link, a secure page appears with a Forgotten Password field for the user to enter their email address.
After the email address is submitted, another email sends to the user. That email contains another link that returns the user to the password reset page on your website.

Previously, the Password merge field was available in email messages that use a Registered Users data source. With this update, this merge field no longer includes the password in an email. When a recipient receives the message, the placeholder for the field is blank. As a result, make sure you remove the Password field and create user login password reset page links in email messages to guide your users to reset their password.

Social Media Login Welcome Email

Now when Blackbaud NetCommunity website users register for the site with social media login credentials, the program sends them a confirmation email to welcome them to the site. Previously, the program did not send these users an email. The program uses the same welcome email template you configure for other website registrants, but it merges "<social media username> via <social media account>" in the Username field.
NetCommunity Page in The Raiser's Edge

When you use The Raiser's Edge 7.94 to process profile updates that include email or phone changes, the options to download information affect the Telephone Numbers, Email Addresses, Links, Fax Numbers, and Other tabs of constituent records in the following ways.

- The **Update the preferred address with the downloaded information** option adds the new information to the constituent record but does not overwrite the existing value.

  ![Update the preferred address with the downloaded information](image)

  The change appears in the list of values on the tab, but does not automatically appear as the first value.

  ![Telephone Numbers and Email Addresses](image)

  To move it to the top of the list, you must manually select the **Primary?** option on the record.

  **Note:** If the website user changes a value to a one that already exists on the record, this option adds their entry to the list as a duplicate.

- The **Add the downloaded information as a new address for this constituent** option adds the new information to the constituent record and does not overwrite the existing value.
The change appears in the list of values on the tab, but does not necessarily appear as the first value.

- The **Add the downloaded information as a new address for this constituent** option with **Make this address the preferred address** selected adds the new information to the constituent record and does not overwrite the existing value.

The change appears in the list of values on the tab, but does not necessarily appear as the first value. To move it to the top of the list, you must manually select the **Primary?** option on the record.
Note: Improvements to the behavior of profile updates are in development.

Parts

The following Parts enhancements are available. For more information, refer to the Parts Guide.

Language Tab Changes

Updates to the Language tab include a new default message for incorrect reCAPTCHA entries on forms and an option to change the default value that appears in drop down fields.

Note: For information about updates to the Language tab for the Donation Form and Payment 2.0 parts, refer to Donation Form on page 8 and Payment 2.0 on page 10.

reCAPTCHA Failed Message

The default message that appears when website users enter incorrect values for reCAPTCHA images on forms is changed. Previously, the message instructed users to enter "the words" shown in the reCAPTCHA image. Now, the message instructs them to enter "the characters" since the images typically include both text and numerical values.

To change the new default message, navigate to the Language tab on the parts that include reCAPTCHA and update the text in the reCAPTCHA failed message row.

This table lists the Language tab category for each part that includes the row.

<table>
<thead>
<tr>
<th>Part</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donation Form</td>
<td>Validation Messages</td>
</tr>
<tr>
<td>eCards</td>
<td>reCAPTCHA</td>
</tr>
<tr>
<td>Payment</td>
<td>Validation Messages</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Telephone Numbers</th>
<th>Email Addresses</th>
<th>Links</th>
<th>Fax Numbers</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNÉ</td>
<td>Type</td>
<td>Address</td>
<td>Primary?</td>
<td>Inactive?</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:rhernandez@email.com">rhernandez@email.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:robert@email.com">robert@email.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:robert@email.com">robert@email.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:robbylvhernandez@email.com">robbylvhernandez@email.com</a></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Default Value for Drop Down Fields

A new **Default value for drop down fields** option is available on the Language tab so you can specify the text that appears when no value is selected for a field. Previously, `<Please Select>` always appeared as the default value, regardless of a page's language setting.

<table>
<thead>
<tr>
<th>Part</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment 2.0</td>
<td>Validation Messages</td>
</tr>
<tr>
<td>User Login</td>
<td>reCAPTCHA</td>
</tr>
</tbody>
</table>

This table lists the category where the option appears for each part.

<table>
<thead>
<tr>
<th>Part</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donation Form</td>
<td>Donation Information</td>
</tr>
<tr>
<td>Event Registration Form</td>
<td>Registration</td>
</tr>
<tr>
<td>User Login</td>
<td>Registration Form</td>
</tr>
</tbody>
</table>

### Part Removal Safeguard

To prevent you from inadvertently removing active content from your website, you can no longer delete parts when they are associated with web pages. When you attempt to delete a part that is associated with a single site, or shared across multiple sites, a message appears to inform you that you cannot remove it because it exists on a page.

To identify the pages where the part appears, select the part's Usage tab.
Donation Form

When a timeout occurs in Blackbaud Merchant Services or Blackbaud Payment Services, you can now enter the text to display to donors on your Blackbaud NetCommunity website. You enter the text on the Donation Form part’s Language tab, under the Validation Messages category in the new Card processing timeout row.
Event Registration Form

Title Field
When you select registrant options for the event types you use on the form, you can now include the Title field. The field populates values from the titles you select in Sites & settings and allows you to capture additional information about registrants and their guests. Previously, only the First name, Last name, Email, Phone, and Address fields were available.

Fund Options for Additional Donations
A new Add designation option is available when you enable additional donations. This allows you to select multiple funds from The Raiser's Edge to appear as options for the new Designation field on the event page so registrants can designate the funds to credit for gifts. You can also enter the display names to use and specify a default option. Previously, you could only select one default fund to use. This change eliminates the need to use the Event Registration Form (Classic) with the Payment 2.0 and multiple Donation Forms parts linked together.

Note: You can include as many as 25 funds on the form.
Payment 2.0

Language Tab

When you integrate the Payment 2.0 part with an Event Registration Form part to provide shopping cart functionality for registration tickets, Blackbaud Internet Solutions now identifies whether the event capacity has been met before allowing a website user to submit the transaction. When event capacity has been met, a message now appears to inform the user that the transaction cannot be submitted.

You can customize the text to appear for the message on the Language tab for the Payment 2.0 part. Under the Validation Messages category, the new Event sold out message row appears. In the Text field, you can enter custom text to appear or you can use the "There are not enough registrations available to complete this request" default message.
Note: When a user attempts to submit a transaction for a higher number of tickets than available, the program rejects the transaction. For example, if the user attempts to submit the transaction for two tickets and only one is available, the message appears and the transaction cannot be submitted.

Merge Fields

New styleable Routing Number and Account Number merge fields are available when you configure confirmation screens for Payment 2.0 parts that accept direct debit transactions.
Also, new style sheet classes are available for the fields when you use the program's *Style sheet* area to add part styles. The new fields enable website users in the United Kingdom to view the fields in a format that is compliant with the BACs payment system.

```
.PaymentPart_ConfirmationAccountNumberStyleable
{
}
```

```
.PaymentPart_ConfirmationRoutingNumberStyleable
{
}
```

**Blackbaud Secure Payment Page**

This enhancement enables Blackbaud NetCommunity to transmit data to the NetCommunity page in The Raiser's Edge when users navigate from an Event Registration Form or Payment 2.0 web page to the secure payment page and an interruption occurs before the transaction is submitted. Previously, when an interruption occurred, the payment processor received the payment but the information from the web page was not sent to the NetCommunity page in The Raiser's Edge. Also, for the Event Registration Form, the program returned users to the first step. When they resubmitted their information, they were charged a second time.

*Note:* An interruption can occur when your website server refreshes while a user attempts to submit a transaction. An interruption can also occur when a user leaves your secure payment page for a time that exceeds the session login and then returns to the page and submits the transaction.

To support this enhancement, new database processes check the secure payment page for unprocessed data every 24 hours.
• For Payment 2.0, the payment page can still include information after Blackbaud NetCommunity transmits data to the database if users complete payment fields on the secure payment page but do not submit their transactions. Your system administrator can access the page to provide you with a list of these users so you can follow up with them.

The remaining data is stored for 30 days unless your system administrator changes the new UnprocessedBBSPTransactionLifeSpanInDays web.config setting to increase or decrease the number of days. For example, to increase the number of days to 60, enter <UnprocessedBBSPTransactionLifeSpanInDays = 60> in the <appSettings> node of web.config.

Your system administrator can also use the ArchiveUnprocessedBBSPTransactions web.config setting to specify whether the process should move the remaining data from the table to the new CMS.UnmarshalUnprocessedBBSPTransaction archive table in the database, or delete it permanently. For example, to move Payment 2.0 data to the archive table, enter ArchiveUnprocessedBBSPTransactions=True in the <appSettings> node of web.config. Otherwise, enter False.

• For the Event Registration Form, the process checks for unprocessed data between 12-01-2014 and the current date. Your system administrator can change the new Event2_MaxGiftDate web.config setting to specify a different beginning date. The value for the date must be in UTC format. For example, to change the date to 12-15-2014, enter < add key="Event2_MaxGiftDate" value="2014-12-15" />.

User Login

Password Reset

Under Navigation, a new Password reset field is available so you can specify the page that appears after users submit requests to reset their passwords. This enhancement allows you to redirect users to the login page so they can quickly enter their updated credentials.

By default, the field is blank. If you do not select a page, the program does not redirect users and a message appears to indicate the password is reset.

Constituent Attributes

Under Attributes, you can now change the order constituent attributes appear on the form and modify their labels. To move an attribute in the updated grid, click and drag the dotted button on the far left. To change the label text, enter it in the Caption field.
These updates provide flexibility so you can specify how the attributes should appear on the form, such as if you want them in the same order as they are arranged in The Raiser’s Edge.

![Attributes Table]

Select which constituent attributes will display during the user registration process.

<table>
<thead>
<tr>
<th>Include</th>
<th>Field</th>
<th>Caption</th>
<th>Require</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dietary Preference</td>
<td>Dietary Preference</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Committees</td>
<td>Committees</td>
<td></td>
</tr>
<tr>
<td></td>
<td># of Family Members</td>
<td># of Family Members</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Closing Codes</td>
<td>Closing Codes</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Interests</td>
<td>Interests</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Organization Type</td>
<td>Organization Type</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Origin</td>
<td>Origin</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Retirement Date</td>
<td>Retirement Date</td>
<td></td>
</tr>
</tbody>
</table>