

Facebook is one of the most popular social media sites in the world with a very large number of registered users. Your site's visitors may already have a Facebook account. With the Facebook Login authentication feature, you can allow visitors to use their Facebook accounts to **register and log in to your site**.

Prerequisite: To use Facebook authentication, you need to have [HTTPS](#) set up for your website.

Setting up a Facebook app

Start by creating a Facebook app:

1. Log in to your Facebook account at <http://www.facebook.com/>.
2. Go to <https://developers.facebook.com/apps> and click **Add a New App**.
3. Enter the **Display Name** of your new app and your **Contact Email**.
4. Click **Create App ID**.

Configure your Facebook App to receive authentication requests from your Kentico website:

1. Select your app and view the **Settings -> Basic** tab.
2. Type the domain that your website uses when connecting to Facebook into the **App Domains** field.
3. Specify the **Privacy Policy URL**.
4. Upload an image as the **App Icon**.
5. Click **Add Platform** and select *Website*.
6. Enter your **Site URL**.
7. Click **Save Changes**.

Facebook saves your app's settings.



Securing the Facebook integration

To ensure that the connection between Kentico and your Facebook app is secure, we strongly recommend that you download and apply hotfix [11.0.8](#) or newer. Then perform the following additional configuration for your Facebook app:

1. On your Facebook App's editing page, open the **Settings -> Advanced** tab.
2. Scroll down to the **Security** section and switch the **Require App Secret** option to Yes.
3. Click **Save Changes**.

Kentico automatically provides the required proof when communicating with your Facebook app.

Continue by setting up the Facebook login product for your app:

1. Click the plus icon (+) next to the **Products** menu.
2. **Set up** the **Facebook Login** product.
3. Open the **Settings** tab of the Facebook Login product.
4. Make sure the **Web OAuth Login** setting is enabled.
5. In the **Valid OAuth redirect URIs** field, enter the URLs of all pages from your website where you wish to allow Facebook authentication (i.e. pages that display the *Facebook Connect login* web part).



The redirect URI values must be absolute, including the protocol, domain and virtual directory. For example:
<https://mydomain.com/Special-pages/SignIn>

If your website is available on multiple domains, add all of the possible options.

6. Click **Save Changes**.

Next, you need to make your application publicly available (to allow usage by users outside of the **Roles** listed for you app):

1. Switch to the **App Review** tab.
2. Make sure your application is public.

3. Optionally, request additional permissions to retrieve user data from Facebook, and submit your app for review:
 - a. Click **Start a Submission**.
 - b. Click **Add Items** and select the following permissions for the submission.

Permissions for logging in through Facebook

- **user_birthday**
- **user_location**

See [Permissions Reference - Facebook Login](#) on the Facebook website for further details. The permissions represent data related to your users, which is stored on Facebook. You can configure Kentico to ask for this data when users log in via Facebook. See [Loading user information from Facebook profiles](#).

For each permission item, click **Add Details**, fill in the required fields, and click **Save**.

Facebook requires adding of a screencast, which is a recording of your screen. To do so, follow the instructions provided by Facebook on [how to create a screencast](#). A screencast is needed to show the Facebook reviewers how you are using the requested permissions.

- c. While still on the **App Review** tab, click **Submit for Review**.

Facebook registers your application and displays its **Dashboard**. You can now configure Facebook authentication in the Kentico administration interface.

Configuring Facebook authentication in Kentico

1. Open the **Settings** application.
2. Expand the **Security & Membership -> Authentication -> Facebook** category.
3. Select your site.
 - This step is not required, but we do not recommend setting up Facebook authentication globally.
4. Select the **Enable login with Facebook** check box.
5. Copy your Facebook app's **App ID** and **App Secret** values into the corresponding settings in Kentico.
 - You can find the credentials at <https://developers.facebook.com/apps>, on your application's **Settings -> Basic** tab.

App ID 199387890612617	App Secret Show
Display Name Demo Application	Namespace

6. **Save** the settings.

To add Facebook authentication functionality to your site, place the **Facebook Connect logon** web part onto a page.




Hotfix requirement

Due to changes in the Facebook JavaScript SDK, the initial version of the *Facebook Connect logon* web part no longer works. To use Facebook authentication, you need to download and apply hotfix [11.0.44](#) or newer.


1. Edit the page in the **Pages** application.
2. Select the **Design** tab.
3. Add the **Facebook Connect logon** web part to a zone.

The web part displays the **Login** button to users who are not yet logged in. Clicking the button opens the Facebook Login dialog. The dialog asks you to enter your Facebook credentials and then requests permission to access your personal data. The required permissions depend on the settings in **Security & Membership -> Authentication -> Facebook**. For more details about accessing personal information on Facebook, see [Loading user information from Facebook profiles](#).

 You may encounter one of these problems:

- The web part renders an **error message** when in **Design** mode.
- The web part does not display anything on the live site.

If you have these problems, double check your App ID and App Secret in the settings. See [Connecting Kentico to social media](#).

 When a user signs in through a third-party authentication service for the first time, **Kentico automatically creates a new account for the user**. Learn more about [managing users that sign in through a third-party authentication service](#).

The system also automatically populates the user's details fields in the system with the details from the user's Facebook profile. What data the system loads depends on how you set up [loading user information from Facebook profiles](#).

Reference – Facebook integration settings

The following are settings that you can use to adjust the behavior of integrated Facebook features. These settings are located in **Settings -> Security & Membership -> Authentication -> Facebook**.

Facebook app

Settings in this category determine which Facebook app to use for authenticating using Facebook. If you want to post to Facebook from Kentico, follow the procedure in [Connecting Kentico to social media](#) and [Adding social media accounts](#).



We recommend selecting a site before adjusting the settings. Having a Facebook app connected to Kentico on a global level poses a security risk.

- **App ID** – a numeric ID of your Facebook App. You can find your App ID on the Facebook App editing page.
- **App Secret** – the key used to authenticate Kentico against the Facebook App. You can find your App secret on the Facebook App editing page.

Login with Facebook

- **Enable login with Facebook** – enable if you want your website users to log in with their Facebook account.
- **Assign Facebook members to roles** – when a new user logs in using Facebook, the system assigns the user to the roles entered here.
- **Update users** – allows you to load information from the user's Facebook profile and store it with the user's record in Kentico. This feature only works when users log in using their Facebook accounts. See [Loading user information from Facebook profiles](#).
 - **Never** – disables this feature. User information that has already been downloaded is kept in the system.
 - **When they log in for the first time** – downloads the user information only once, when they log in for the first time.
 - **Every time they log in** – updates the user information every time they log in. However, this option does not update fields in Kentico that the user has already changed or fields that the system already filled using the information from the Facebook profile. For example, if an existing user gets married and changes her name on Facebook, her record in Kentico is not updated because the system downloaded her name from Facebook before.
- **User profile mapping** – determines how Kentico user fields match with Facebook profile fields.