



Social Enterprise

Premium Membership Implementation Guide

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Introduction to Premium Memberships

Premium Memberships allow you to tie your own external payment processing system to Social Enterprise's robust permission groups. The resulting "Premium Groups" offer a chance for paid members to access permissions that are restricted for other members of the site. Premium Memberships can help generate revenue, as well as offer your members a greater sense of ownership in the site.

Through the use of the Premium Membership APIs, you can:

- Grant or remove Premium Group rights to a user immediately
- Set the expiration date for a user's Premium Membership
- Indicate Premium Membership name and expiration in the user's Profile
- Query a user for payment if a user who is not a Premium Group member tries to access a Premium Feature
- Prevent the user from using the Premium Group Feature if the user is not a Member of Premium Group or Membership has expired

NOTE: In order to implement Premium Membership for your Social Enterprise site, you will need to set up both OneCommunity and an external payment processing system. OneCommunity API gives you the ability to delegate member registration, authentication (and to an extent, authorization to external member management systems), and synchronize member profile data. It is described in further detail in the OneCommunity Implementation Guide. The external payment processing system is described in further detail below.

Creating a Premium Membership Group

Premium Memberships are created through your Social Enterprise Site:

- 1) Sign in as a Global Administrator.
- 2) Click the "Admin" link in the menu bar on your main page and choose "Global" from the drop-down.
- 3) Click "Permissions" on the left menu.
- 4) Click the "Add Premium Group" link.
- 5) Put the name of your new Premium Group in the "Group Name" box.
- 6) Put your "Group Reference ID" in the box provided. This ID can be any URL-safe string with no spaces. This ID should correspond to the Premium Group's ID in your external payment system.
- 7) Make note of the Premium Membership API password. This is the password that you will have to pass as a parameter when implementing the Premium Membership API.
- 8) Add a description of the Premium Group, if desired.
- 9) Put the Purchase URL in the box provided. This is the URL of your external payment service, to which we will direct users so they can purchase a Premium Membership. We support variables in this URL. For instance, to insert the user ID into the URL, use %USER_ID%. To insert user email, use %EMAIL%. To insert user display name, use %DISPLAY_NAME%. To insert Group ID, use %GROUP_ID%.
- 10) Upload an icon that will be displayed as a badge which lets people know the user is a Premium Member. The icon will be displayed at 25x25px.

- 11) Click the “Create Premium Group” button.
- 12) Click the “Permissions” tab.
- 13) If you wish to assign any global permissions for this Premium Group, click the “Edit” icon next to “Global Permissions” and select the permissions you wish to assign. Any permissions that you add for a Premium Group will be automatically removed from non–Premium members.
- 14) If you wish to assign rights for a specific community, click the “Add Permissions for Another Community” and select the community from the list.
- 15) You can choose to apply global Community permissions, or click a specific Forum to apply forum–specific permissions.
- 16) Once you have added all permissions for the Premium Group, press the “Submit” button.
- 17) Click “Members” to view the members of this Premium Group. You will not see any members when the Premium Group is first created. Users will be prompted to join when trying to access any feature that is granted by one or more Premium Groups.

Implementing Premium Memberships

In order to implement Premium Membership for your Social Enterprise site, you will need to set up your external payment processing system. Your external payment processing system should be able to take a customer’s payment and pass information back to Social Enterprise using the APIs described below.

The Add/Remove/Update API

Use the Add/Remove/Update API to register a new premium membership for a user, update an existing premium membership for a user, or remove an existing premium membership for a user.

You will need to program the external payment system to invoke the Add/Remove/Update API when any of the above actions are required. The Add/Remove/Update API is accessed through an HTTP GET request. The request’s format is as follows:

http://community.yoursite.com/PREMIUM?PASSWORD=047122F0A2F3A87CB36DCE950238F3&ACTION=ADD&USER_ID=86732489&GROUP_ID=89F672&EXPIRES=NEVER

Here are the parameters that should be supplied as HTTP GET parameters in the URL:

Parameter Name	Required?	Description
PASSWORD	Required	Your Premium Membership API Password
ACTION	Required	The action you wish to take on the user; one of: “ADD”, “UPDATE”, or “REMOVE”
USER_ID	Required	The OneCommunity user ID of the user to whom you wish the ACTION applied
GROUP_ID	Required	The ID of the Premium Group to which you wish to add, update, or remove the user
EXPIRES	Required for ADD and UPDATE actions	The date the Premium Membership will expire; one of: “NEVER” if the Premium Membership should never expire or the Premium Membership’s expiration date formatted as “MMDDYYYY”; ignored for “REMOVE” requests

The Premium Membership Sync API

In the course of using this Premium Membership system, it is possible for the Premium Membership data on Social Enterprise to become out-of-date with the data on your external payment system due to bugs, server outages, and other issues. In these scenarios, it is useful to be able to re-sync your entire premium membership data with Social Enterprise. You can use the Premium Membership Sync API to re-sync your external payment service's database with Social Enterprise. You will need to sync each premium group independently. For each premium group that you sync, you will supply a full list of all users with an active Premium Membership. Any users excluded from a sync request will be removed from the Premium Group.

The Sync API is accessed through an HTTP POST request to the following URL:

http://community.yoursite.com/PREMIUMSYNC?PASSWORD=047122F0A2F3A87CBBB36DCE950238F3&GROUP_ID=89F672&USER-86732489=NEVER&USER-2425636=05152010&USER-4336836=NEVER

Here are the parameters that should be supplied as HTTP POST parameters in the sync request:

Parameter Name	Required?	Description
PASSWORD	Required	Your Premium Membership API Password
GROUP_ID	Required	The ID of the Premium Group that you wish to sync
USER- $\{userID\}$	Required	There should be one "USER- $\{userID\}$ " parameter for every user in the system. The value of this parameter should be assigned an expiration value of "NEVER" if the Premium Membership never expires or the expiration date in "MMDDYYYY" format. Any user not included in the list will be removed from the Premium Group.