

Specification for Workspace Notifications

Overview

In Biscom SFT server, default settings for workspace notifications are hardcoded in the code currently. Also, there is no way to disable all notifications for a workspace. Workspace managers should be able to disable all notifications, set default settings for notifications, and review and set notification settings for all users in a workspace.

Requirements

The requirements for the feature are listed below.

1. Default workspace notification settings

- a. Default workspace notification settings can be set or updated during the creation or update of a workspace. Only managers of a workspace can set or update the default workspace notification settings.
- b. Any user added to a workspace will get workspace notification settings based on the default settings initially. However, each user will be able to customize his own notification settings afterwards.

2. Creation of workspace:

- a. In *Create Workspace* page, there will be a new section for workspace notifications (Figure 1).
- b. In this section, there will be a check box named "*Enable notifications*" to enable or disable notifications for the workspace to be created. The checkbox will be checked by default.
- c. There will be a list of checkboxes for default workspace notification settings. The list will be disabled if the checkbox "*Enable notifications*" is not checked.

Viewers

Notifications

☒ **Enable notifications**

Default Notification Settings

<input checked="" type="checkbox"/>	New file or folder uploaded
<input checked="" type="checkbox"/>	File or folder updated
<input checked="" type="checkbox"/>	New workspace comment added
<input checked="" type="checkbox"/>	Workspace deleted
<input type="checkbox"/>	File or folder downloaded
<input type="checkbox"/>	File or folder deleted
<input type="checkbox"/>	Workspace details updated
<input type="checkbox"/>	User added
<input type="checkbox"/>	User deleted
<input type="checkbox"/>	User removes self from workspace

Auto delete date

04/20/2014 10:46 AM

Deletion reminder date

04/17/2014 10:46 AM

* Required fields

Add Files and Create Workspace...

Cancel

Figure 1: Set default workspace notifications while creating workspace

3. Update workspace notifications:

- In the *View Workspace* page, there is a link named "*Notification Settings*" that allows a user to set his own notification settings for the workspace. This link text should be changed to "*My Notification Settings*".
- A new link named "*Notification Settings*" will be introduced which will take the user to the *Workspace Notification Settings* page (Figure 2). This section will be available to the managers of the workspace only.
- In this section, there will be a check box named "*Enable notifications*" to enable or disable workspace notifications.
- There should be a list of checkboxes with the notification events in the column named "*Default notification settings*".
- There should be another list of checkboxes associated with the notification events in the column named "*Apply this setting for all users*". These checkboxes should be unchecked by default. Notification settings of all the users should be reset to the new notification settings for those events whose checkboxes are checked

while updating the workspace notifications. For example if we try to update like in figure 2, only the notification setting of the first event (New file or folder uploaded) and the fifth event (File or folder downloaded) should be updated for all existing users. The first event should be updated to “checked” and the fifth event should be updated to “unchecked” for all the existing users. If no checkbox is checked the new default notification settings should be effective for new users only.

- f. If the checkbox "Enable notifications" is not checked, UI of items 3.d and 3.e will be disabled.

Home > Secure Workspaces > Workspace: Workspace Name

Workspace Notification Settings

[[Notification Settings for Users](#)]

☒ **Enable Notifications**

Default notification settings	Apply this setting for all users
<input checked="" type="checkbox"/> New file or folder uploaded	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> File or folder updated	<input type="checkbox"/>
<input checked="" type="checkbox"/> New workspace comment added	<input type="checkbox"/>
<input checked="" type="checkbox"/> Workspace deleted	<input type="checkbox"/>
<input type="checkbox"/> File or folder downloaded	<input checked="" type="checkbox"/>
<input type="checkbox"/> File or folder deleted	<input type="checkbox"/>
<input type="checkbox"/> Workspace details updated	<input type="checkbox"/>
<input type="checkbox"/> User added	<input type="checkbox"/>
<input type="checkbox"/> User deleted	<input type="checkbox"/>
<input type="checkbox"/> User removes self from workspace	<input type="checkbox"/>

Figure 2: Modify default workspace notifications

- g. There will be a link named "Notification Settings for Users" which will take the user to a page where notification settings can be set for a specific user of the workspace (Figure 3). All unique users in the workspace will be listed alphabetically in a dropdown list named "Notification Settings for". When a user is selected from the dropdown list, his current settings will be displayed. The workspace manager can then update any setting for that user.

Home > Secure Workspaces > Workspace: Workspace Name

Workspace Notification Settings

Notification Settings for Raine Ahmed ▾

Notification Type	
<input checked="" type="checkbox"/>	New file or folder uploaded
<input checked="" type="checkbox"/>	File or folder updated
<input checked="" type="checkbox"/>	New workspace comment added
<input checked="" type="checkbox"/>	Workspace deleted
<input type="checkbox"/>	File or folder downloaded
<input type="checkbox"/>	File or folder deleted
<input type="checkbox"/>	Workspace details updated
<input type="checkbox"/>	User added
<input type="checkbox"/>	User deleted
<input type="checkbox"/>	User removes self from workspace

Update Back

Figure 3: Modify workspace notification settings for users.

4. Set default workspace notifications:

- In the Server Configuration page's Workspace Settings section, we should be able to set which notifications should be checked by default when a new workspace is being created (that is, the default values for the default notification options). The idea is illustrated in figure 4.

Home > System and User Administration

Workspace Settings

Enable workspaces ☒ Yes ☐ No

Allowed sender licenses for collaboration (Maximum sender licenses: 100)

Allowed collaborators per user

Workspace deletes after (in days) ☐ Apply to existing workspaces

Reminder before workspace deletion (in days)

Hide auto-deletion fields if not editable ☐ Yes ☒ No

List of managers who can override workspace deletion

Default notification settings

<input checked="" type="checkbox"/>	New file or folder uploaded
<input checked="" type="checkbox"/>	File or folder updated
<input checked="" type="checkbox"/>	New workspace comment added
<input checked="" type="checkbox"/>	Workspace deleted
<input type="checkbox"/>	File or folder downloaded
<input type="checkbox"/>	File or folder deleted
<input type="checkbox"/>	Workspace details updated
<input type="checkbox"/>	User added
<input type="checkbox"/>	User deleted
<input type="checkbox"/>	User removes self from workspace

Figure 4: Set default workspace notifications from Server Configuration page.

5. Update notifications for all workspaces of a user:

- A user should be able to set notification settings for all his workspaces from a single location.
- This should be facilitated in the Secure Workspace Listing page. Next to the "Create Workspace" link, a link named "Set Notifications" should be added which will take the user to a new page like Figure 5. Notification settings for all the events can be set individually from a dropdown list. A button named "Apply to all my workspaces" should be there. Clicking this button will result in updating the notification settings of the events set by the user for all his workspaces. If nothing is chosen for an event that specific event's notification setting shouldn't be updated.

[Home](#) > [Secure Workspaces](#)

Apply Notification Settings

Update individual notification settings for all workspaces

Notify For	
New file or folder uploaded	Select ▼
File or folder updated	Select ▼
New workspace comment added	Select ▼
Workspace deleted	Select ▼
File or folder downloaded	Select ▼
File or folder deleted	Select ▼
Workspace details updated	Select ▼
User added	Select ▼
User deleted	Select ▼
User removes self from workspace	Select ▼

Figure 5: Update notifications for all workspaces of a user.

History

Date	Version	Author	Comment
Apr 10, 2014	0.1	Sajib	• Created based on requirements.
Sep 22, 2014	0.2	Raine	• Updated based on requirements.
Sep 22, 2014	0.3	S. M. Rahman	• Updated various text.
Sep 23, 2014	0.4	Raine	• Updated the figures and some texts.
Oct 02, 2014	0.5	Raine	• Updated section 3.e
Oct 08, 2014	0.6	Raine	• Updated section 3.e, 3.g and added section 4, 5.
Oct 09, 2014	0.7	Raine	• Updated section 5.b and Figure 5.
Oct 13, 2014	0.8	Raine	• Updated section 3.d, 3.e and Figure 2.
Apr 26, 2015	0.9	Raine	• Updated section 3.e and Figure 2