

## [JIRA Issue 626](#)

Support filtering on comment visibility for subscriptions.

### 1. Backend Changes

- a. When a user creates a comment in Jira then the plugin is getting notified through a webhook. Now, with this [API](#) we will get all the information of a comment. If that particular comment has a visibility attribute that it should be visible to the users who belong to a certain group. Then we will send the notification to the subscribed channel in mattermost only when that particular group is included in the subscriptions and vice versa.
- b. We will create a pluginAPI to get the information about all the groups to which this particular user has the access to, and will be able to add those groups to the filter. Let's say, that the user belongs to 3 groups: 'Group-1', 'Group-2', and 'Group-3' then he can add from these groups only.
- c. Apart from adding groups to which a user belongs, he can also add a group 'visible-to-all-users'. If a particular comment has no visibility attribute, then we will send the notification to the subscribed channel in mattermost only when 'visible-to-all-users' is present or no filter is present on the mattermost side.

### 2. Frontend Changes

- a. In the filter section, the user will be able to add only those groups to which he has access.

#### Edit Jira Subscription for Town Square

Subscription Name \*

Project \*

Events \*

Issue Type \*

Filters

[+ Add Filter](#)

Approximate JQL Output

Project = TEST AND IssueType IN ? AND Priority IN (Highest, Low, High)

Delete

Cancel

Save Subscription

A few clarifications need to ask:-

1. When a user creates a comment in a Jira issue, we require his token in order to know the visibility of that comment, but there might be a case when that user is not connected with the mattermost. So, we won't be able to get the client for that user using his jira accountID to call an API as his mattermost userID will not be there. Thus, we proposed the following solution:-

There will be 2 possibilities for that comment

- a. If that comment is associated with a certain group that is listed in a Jira subscription's filter, the user who created that subscription will have access to that comment and will be able to check its visibility.
- b. If the user who has created the subscription cannot access that comment then we are not concerned about its visibility because in that case, we won't display the notification of that comment in the subscribed channel.

But there is a bug in the above-proposed solution:-

- a. If a user who has created a subscription is removed from the particular group which was added in the filter of Jira subscription. And now, another user creates a comment with the same visibility attribute then in that case a user who has created a subscription does not have access to that comment. So we will not get the notification of that comment but technically we should get it.