

# Rework the subscriptions/notifications mechanism

## JIRA ticket

 [CFORD-252](#) - Rework notifications subscriptions for easier extension/digests RESOLVED

AMP Reference: [CFDRMD-128](#)

## Background

The notifications mechanism was always expanded without taking performance/scalability in mind (if a group has 1000 members, all these 1000 mails are sent at the same time without a queue in place).

Before implementing intervals or extending the mechanism with new triggers and flags, it's necessary to take a step back and review the way notifications are sent (for example to prevent duplicate notifications).

This is a non-optional rework for following tickets:

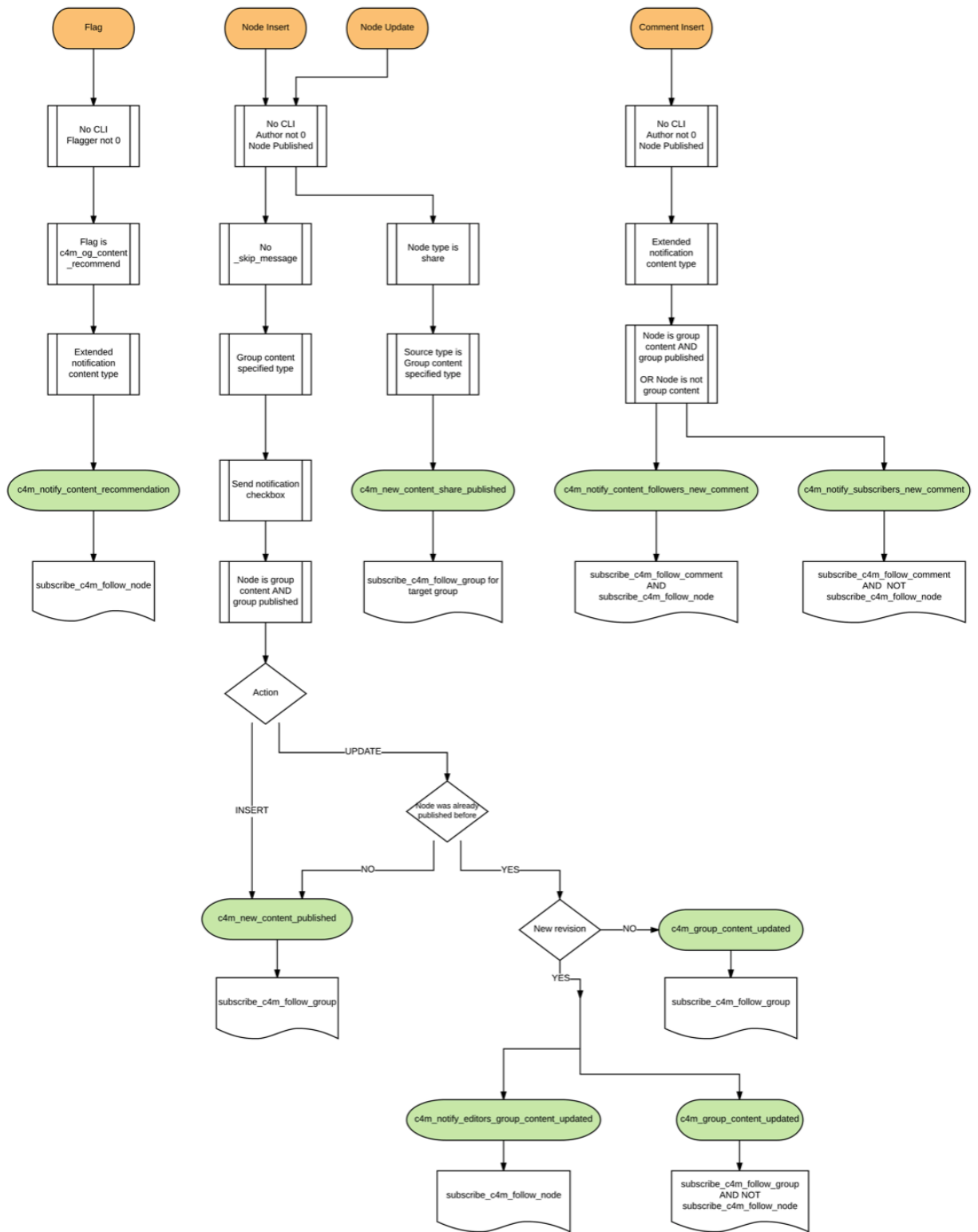
- [Follow individual content](#)
- [Add missing subscriptions \(interests\)](#)
- [Rework the subscriptions/notifications mechanism](#)

## Situation as is

Trigger	Conditions	Subscribers	Message
hook_comment_insert	<ul style="list-style-type: none"><li>• No CLI</li><li>• Node is published</li><li>• Specific node type (c4m_og_get_extended_content_notification_types)</li><li>• Node is not group content OR group is published</li></ul>	<i>subscribe_c4m_follow_comment</i> for this node id AND <i>subscribe_c4m_follow_node</i> for this node id	c4m_notify_content_followers_new_comment
hook_comment_insert	<ul style="list-style-type: none"><li>• No CLI</li><li>• Node is published</li><li>• Specific node type (c4m_og_get_extended_content_notification_types)</li><li>• Node is not group content OR group is published</li></ul>	<i>subscribe_c4m_follow_comment</i> for this node id AND NOT ALREADY <i>subscribe_c4m_follow_node</i> for this node id	c4m_notify_subscribers_new_comment
hook_flag_flag	<ul style="list-style-type: none"><li>• No CLI</li><li>• Flagger is not anonymous</li><li>• Flag is "c4m_og_content_recommend"</li><li>• Specific node type (c4m_og_get_extended_content_notification_types)</li></ul>	<i>subscribe_c4m_follow_node</i> for this node id	c4m_notify_content_recommendation
hook_node_insert	<ul style="list-style-type: none"><li>• No CLI</li><li>• Author is not anonymous</li><li>• Node is published</li><li>• Node has no _skip_message property</li><li>• Specific node type (c4m_og_get_group_content_notification_types)</li><li>• "Send notification" was set on the node form</li><li>• Node is group content and group is published</li><li>• Action is an insert</li></ul>	<i>subscribe_c4m_follow_group</i> for this node's group container (gid)	c4m_new_content_published

hook_node_update	<ul style="list-style-type: none"> <li>• No CLI</li> <li>• Author is not anonymous</li> <li>• Node is published</li> <li>• Specific node type (c4m_og_get_group_content_notification_types)</li> <li>• "Send notification" was set on the node form</li> <li>• Node is group content and group is published</li> <li>• Action is an update</li> <li>• Node was not published before (draft &gt; publish)</li> </ul>	<i>subscribe_c4m_follow_group</i> for this node's group container (gid)	c4m_new_content_published
hook_node_insert hook_node_update (but not applicable since you can't update shares)	<ul style="list-style-type: none"> <li>• No CLI</li> <li>• Author is not anonymous</li> <li>• Node is published</li> <li>• Node type = 'share'</li> <li>• Source bundle is specific node type (c4m_og_get_group_content_notification_types)</li> </ul>	<i>subscribe_c4m_follow_group</i> for this node's (target) group container (gid)	c4m_new_content_share_published
hook_node_update	<ul style="list-style-type: none"> <li>• No CLI</li> <li>• Author is not anonymous</li> <li>• Node is published</li> <li>• Specific node type (c4m_og_get_group_content_notification_types)</li> <li>• "Send notification" was set on the node form</li> <li>• Node is group content and group is published</li> <li>• Action is an update</li> <li>• Node was already published</li> <li>• No new revision is published</li> </ul>	<i>subscribe_c4m_follow_group</i> for this node's group container (gid)	c4m_group_content_updated
hook_node_update	<ul style="list-style-type: none"> <li>• No CLI</li> <li>• Author is not anonymous</li> <li>• Node is published</li> <li>• Specific node type (c4m_og_get_group_content_notification_types)</li> <li>• "Send notification" was set on the node form</li> <li>• Node is group content and group is published</li> <li>• Action is an update</li> <li>• Node was already published before</li> <li>• New revision is published</li> </ul>	<i>subscribe_c4m_follow_node</i> for this node id	c4m_notify_editors_group_content_updated
hook_node_update	<ul style="list-style-type: none"> <li>• No CLI</li> <li>• Author is not anonymous</li> <li>• Node is published</li> <li>• Specific node type (c4m_og_get_group_content_notification_types)</li> <li>• "Send notification" was set on the node form</li> <li>• Node is group content and group is published</li> <li>• Action is an update</li> <li>• Node was already published before</li> <li>• New revision is published</li> </ul>	<i>subscribe_c4m_follow_group</i> for this node's group container (gid) AND NOT ALREADY <i>subscribe_c4m_follow_node</i> for this node id	c4m_group_content_updated

Visaulized



## 1 Comment

## 1. Diane Kelecom

to reduce the number of notification triggers, please replace existing comment subscriptions and node edit/create subscriptions with follow node

Nov 30, 2017