

Thank you for reaching out to the CPE Team to log your request. Please fill out the fields below. To ensure your request can be reviewed please ensure all fields are populated where you see a \*. Thank you

Project details:

|                               |   |
|-------------------------------|---|
| Name of Project:              | FedMsg Notification Replacement   |
| Submitted by:                 | Sustaining Team (Clément Verna)   |
| Date:                         | 2020-03-18  |
| Type:                         | Technical Debt  |
| Dependency dates : (if known) |   |
| Requirement                   | <a href="https://docs.google.com/document/d/1QHTo6hXMfx7_Ek7P8byFbVu4VMbRwu_ASeCGdur1qD8/">https://docs.google.com/document/d/1QHTo6hXMfx7_Ek7P8byFbVu4VMbRwu_ASeCGdur1qD8/</a> (fedmsg retirement) |

Summary overview:

FMN (<https://apps.fedoraproject.org/notifications>) is currently one of the main blocking points for dropping fedmsg in favour of fedora-messaging.  
 FMN is quite important to the community and the composition of Fedora because it gives emails and notifications on commits, composes, builds and updates via email and other tools.

However, the code base is written in Python 2.7 and not maintained anymore. Currently the service has to run on a Fedora 28 system to continue running. This causes multiple problems and concerns, and needs to be addressed (at least have a plan) before the data center move in June.

What platform does this project relate to: [Please insert ]\*

|                                     |        |                          |        |
|-------------------------------------|--------|--------------------------|--------|
| <input checked="" type="checkbox"/> | Fedora | <input type="checkbox"/> | CentOS |
|-------------------------------------|--------|--------------------------|--------|

Is this idea... [Please insert ]\*

|                          |     |                          |             |                                     |             |
|--------------------------|-----|--------------------------|-------------|-------------------------------------|-------------|
| <input type="checkbox"/> | New | <input type="checkbox"/> | Enhancement | <input checked="" type="checkbox"/> | Replacement |
|--------------------------|-----|--------------------------|-------------|-------------------------------------|-------------|

Is there a workaround in place? Y/N

*If yes, please provide details:*

What area does it relate to: [Please insert ✓]\*

|   |             |  |                |  |        |
|---|-------------|--|----------------|--|--------|
| ✓ | Initiatives |  | Infrastructure |  | Releng |
|---|-------------|--|----------------|--|--------|

| Why is this important?   | What is the benefit of doing this?  | What happens if it doesn't happen?  |
|--|---|---|
| <ul style="list-style-type: none"> <li>- It allows to retire fedmsg which reduces the number of application we have to maintain</li> <li>- The current code base is not maintain and runs on EOL Fedora version not receiving security updates</li> <li>- Current solution provides a poor User Experience.</li> </ul> | <ul style="list-style-type: none"> <li>- Retire fedmsg and run only one message bus service (fedora-messaging)</li> <li>- Drop a large code base, the replacement application would use a lot of features provides by rabbitmq</li> </ul> | <ul style="list-style-type: none"> <li>- We have to keep running 2 message bus</li> <li>- We have to keep a system that runs on a Fedora version that does not receive security updates.</li> </ul> |

## Objectives/Goals \*

*Please insert as bullet points*

- Ability for users to receive notification based on messages sent on the bus.
- Ability for users to filter which messages they want to receive notifications or not.

## What does success look like to you? \*

The ability to receive notification from a list of messages sent on the bus. The user has the ability to configure and filter which notification he wants to receive and how.

## Requirements: (Prioritized epics + deliverables) Note: Aoife will gather these with requestor

### Requirements

As a packager I want to get notified when a commit is made on a package that I maintain.  
 As a packager I want to get notified when a build is made on a package that I maintain.  
 As a packager I want to get notified when an update is made on a package I maintain.  
 As a sysadmin I want to get notified when an ansible playbook is run.  
 As a sysadmin I want to get notified when a nagios alert occurs.  
 As a releng engineer I want to get notified when a build is signed.  
 As a releng engineer I want to get notified when a compose completes or fails.  
 As a qa engineer I want to get notified when updates are pushed.

As a QA engineer I want to get notified with OpenQA tests results.  
As a QA engineer I want to get notified when a Release Candidate compose completes or fails.

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### Dependencies (users, other teams & app's affected) *(If known)*

| Internal | External |
|----------|----------|
| N/A      | N/A      |
|          |          |

### Risk *(If known)*

| Risk title | Type of risk | Risk description | Level of risk | Actions to mitigate risk |
|------------|--------------|------------------|---------------|--------------------------|
|            |              |                  |               |                          |
|            |              |                  |               |                          |

### Any other information:

Any open questions, unknown's, other insights you would like to flag, add them here:

Public discussions

Please submit this request to [cpe-requests@redhat.com](mailto:cpe-requests@redhat.com) & cc [amoloney@redhat.com](mailto:amoloney@redhat.com)

Thank you, we will revert back once we review all our requests.