

Security Vulnerability Classification in OPNFV JIRA

Overview

The goal of vulnerability classification is to have a temporary embargo on public information exchange when a security vulnerability has been identified, otherwise the system may be under threat. This page covers the security scheme proposed for use in OPNFV JIRA.

Security Levels in JIRA

An overview of JIRA security can be found in [Atlassian's documentation](#):

An issue security level is a named collection of users. Issue security levels are created within issue security schemes, which are then associated with projects. Once an issue security scheme has been associated with a project, its security levels can be applied to issues in that project (note, sub-tasks will inherit the security level of their parent issue). Those issues will then only be accessible to members of that security level.

The current approach is to define such a security scheme for each project. At this time the only choices for security levels are:

- None: anyone, including public, anonymous visitors, granted access.
- Embargo: specific authenticated and authorized users only granted access.

Security Level Access

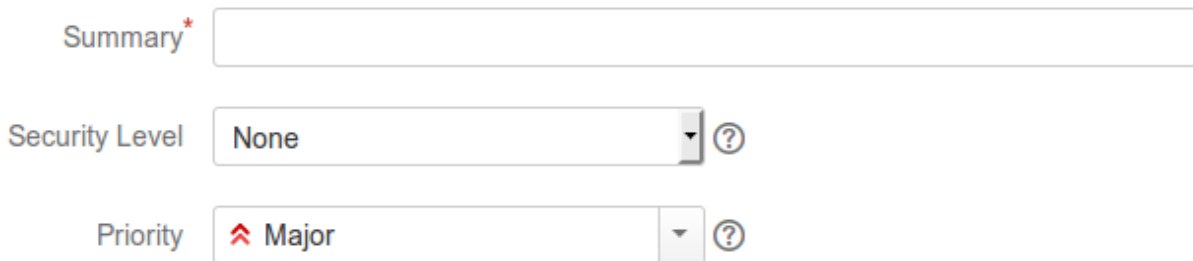
The following security scheme defines who gets access to a project specific security level once assigned.

Security Scheme: Embargo

- Project Lead
- Reporter
- Current Assignee
- Group (opnfv-gerrit-securityscanning-submitters)
- Group (opnfv-gerrit-*PROJECT*-submitters) - where *PROJECT* is the name of the project in question.

Protecting an Issue

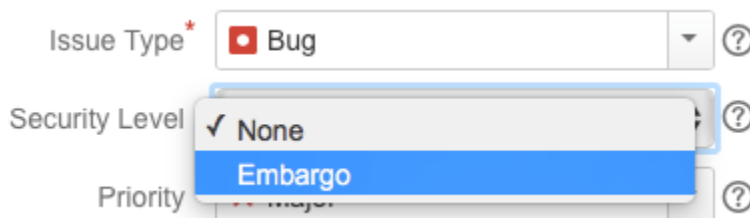
Security levels can be assigned when an issue is being created, right in the Create Issue dialog box.



The screenshot shows the 'Create Issue' dialog box with the following fields:

- Summary***: A text input field.
- Security Level**: A dropdown menu currently set to 'None' with a help icon (question mark) to its right.
- Priority**: A dropdown menu currently set to 'Major' with a help icon (question mark) to its right.

Alternatively an issue's security level can be modified at any time through the Edit Issue action.



The screenshot shows the 'Edit Issue' dialog box with the following fields:

- Issue Type***: A dropdown menu currently set to 'Bug' with a help icon (question mark) to its right.
- Security Level**: A dropdown menu with 'None' selected (indicated by a checkmark) and 'Embargo' highlighted in blue. A help icon (question mark) is to its right.
- Priority**: A dropdown menu currently set to 'Major' with a help icon (question mark) to its right.

Requesting Embargo Security Scheme

Each PTL is required to request a security scheme for their project. This is done by sending a request for a security scheme for the project to opnfv-helpdesk@rt.linuxfoundation.org.