

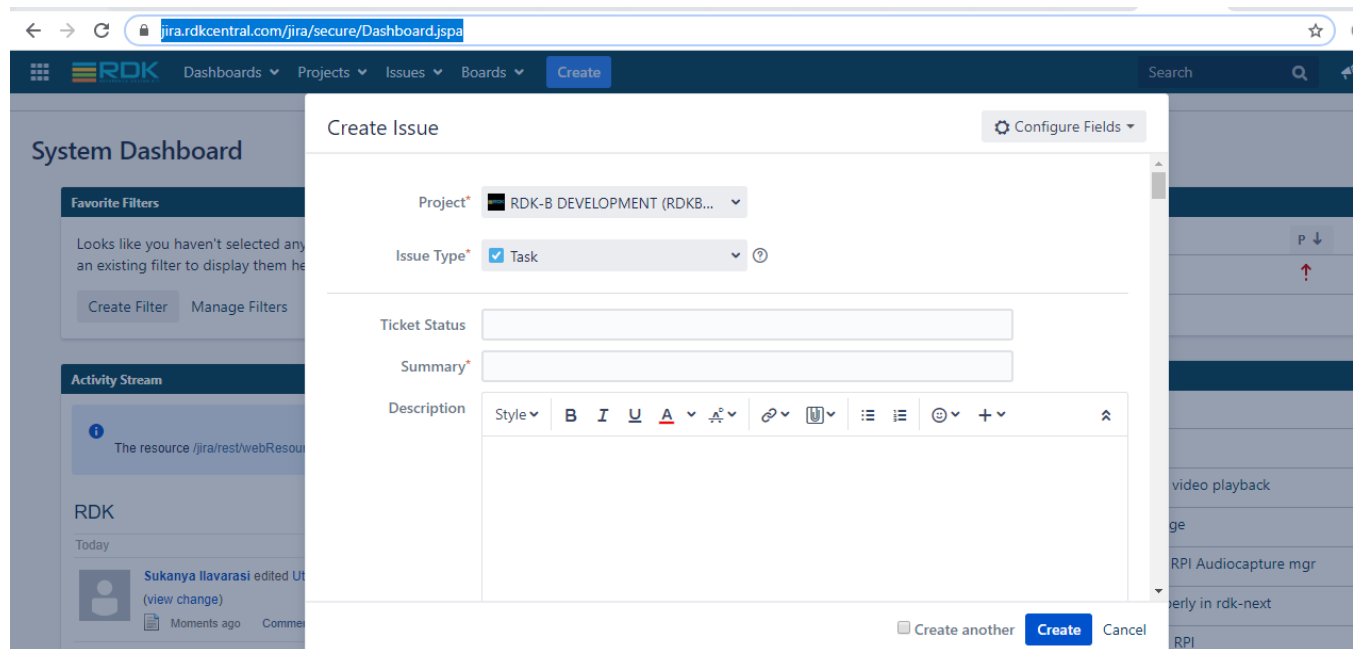
JIRA Guidelines

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Where to Create a JIRA ticket

- Log in to JIRA <https://jira.rdkcentral.com/jira/secure/Dashboard.jspa> using rdkcentral credentials
- Create a JIRA ticket under [RDKDEV](#) (for Video) or [RDKBDEV](#) (for Broadband).
- Click on the Create button

A Snap shot for how to create a JIRA.



The screenshot shows the 'Create Issue' form in the JIRA system dashboard. The form is titled 'Create Issue' and has a 'Configure Fields' button in the top right corner. The form fields are as follows:

- Project***: A dropdown menu showing 'RDK-B DEVELOPMENT (RDKB...)'.
- Issue Type***: A dropdown menu with 'Task' selected.
- Ticket Status**: A text input field.
- Summary***: A text input field.
- Description**: A rich text editor with a toolbar containing options for Style, Bold (B), Italic (I), Underline (U), Text Color (A), Background Color (A), Link, Unlink, List, Indent, Outdent, and a plus sign for more options.

At the bottom of the form, there are three buttons: 'Create another', 'Create', and 'Cancel'.

JIRA Guideline for Patches Contributions

Issue type corresponds to the type of contributions we are making. The following issue types can be possible for patches contribution

Incident - Build failure incident issues with the code verification steps such as Black duck scan, Jenkins verification etc.

Bug - Bugs in existing component code. To report a bug, users must create a ticket with type **Bug** and provide as much information as possible, including:

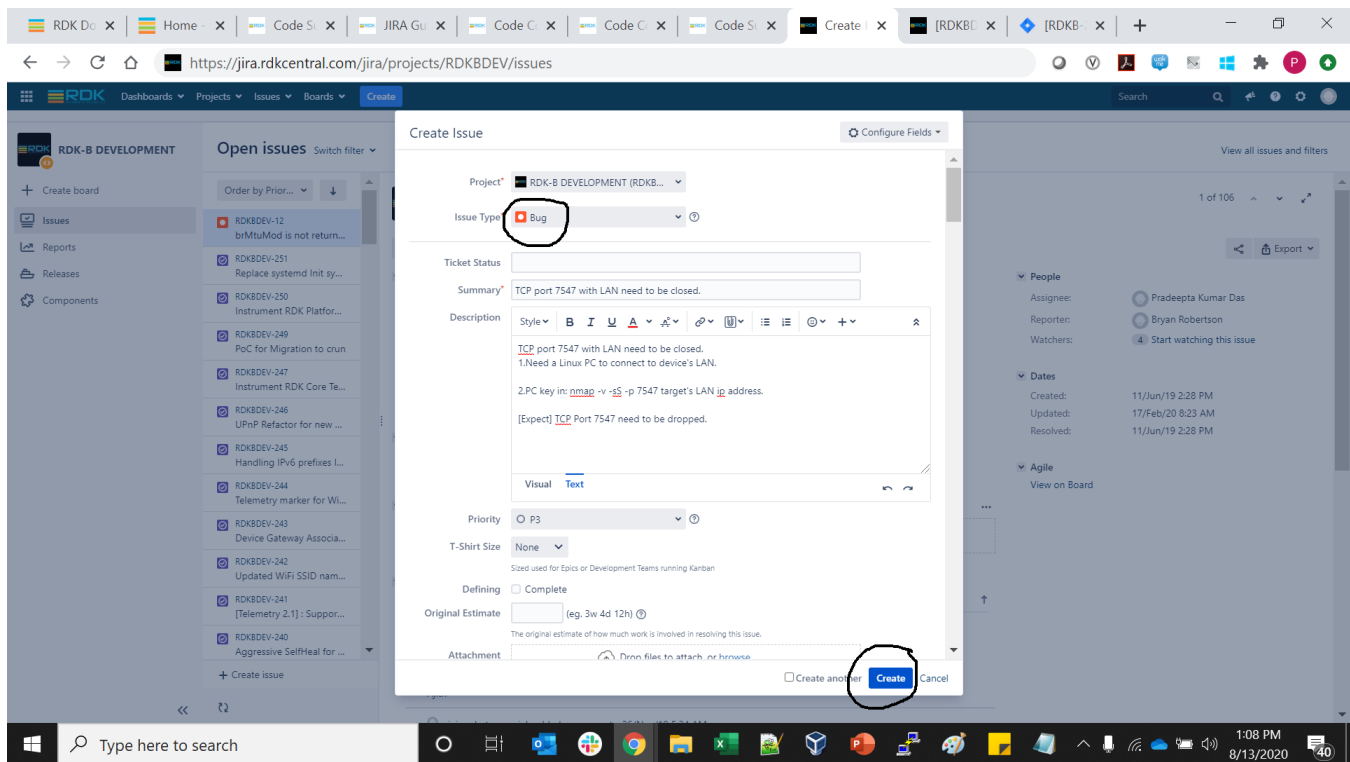
- A clear and concise description of the bug
- Steps to reproduce the bug
- The expected behavior
- The actual behavior
- Any relevant screenshots, logs or videos

Task - An individual task which may be part of enhancement of existing feature, etc.

Improvement - Improvements such as code refactoring or enhancements in current code.

Summary and Descriptions are mandatory fields need to be filled.

Click on Create button to Create a new JIRA. Sample example is provided below.



JIRA Guideline for New Feature Contribution

A feature contribution should follow after creating an appropriate JIRA project. This will present a clear picture about the architecture, testing details and other information which will be helpful during the acceptance process of the contribution.

Mandatory information

Create Issue

Configure Fields

Project*

RDK Development (RDKDEV)

Issue Type*

User Story

Incident

Bug

Task

Improvement

New Feature

Ticket Status

Summary*

Description

Create another

Create

Cancel

1. Project

For Video & build system (Yocto) related contributions, the ticket should be created under RDKDEV. For broadband, the ticket should be created under RDKBDEV project.

2. Issue Type

New feature - New feature contributions.

3. Ticket Status

Status should be initially Open, and transitioned to the appropriate value while the contribution is being worked on.

4. Summary

A brief summary about what we are trying to contribute

5. Description

A descriptive information about the contribution should be present so that component developers & architecture team can do assessment of the feature. Below details are desirable if the contribution is a new feature or having an significant impact on the current architecture.

Solution Overview

Brief introduction on what the current system lacks & what needs to be done:

1. Individual task/highlighted point #1 brief description.
2. Individual task/highlighted point #2 brief description.

Architecture Checklist

The following items should be considered/addressed in the documentation for any RDK design initiative
JIRA Update Checklist

The following JIRA fields MUST be filled in to be considered "Definition Complete":

- * RDK SoC, RDK OEM - populate these fields for any user story where we have dependency on OEM and/or SoC to perform work in the completion of this user story. Select all that apply, or "None" if there is no dependency.
- * OEM/SoC Impact Details - description of impact (or "see Solution Overview" if included in the architecture specification)
- * Platforms - ensure correct list of devices
- * Validation - type of testing
- * Regression - is regression required?
- * Impacted Party - Comcast Only, Syndication, etc.
- * Dependency - Internal/External
- * Description - Solution Overview and Architecture Checklist

Testing impact/Guidance

-
- * Impacted modules
 - * Test process

Automated Testing

-
- * Automation test procedure.

Diagnostics, Telemetry and Logging

-
- * N/A

Outbound Network Connections

-
- * Does this component make outbound connection requests?
 - * If yes, do the connection requests retry in the case of failure?
 - ** Do the repeated requests use an exponential back-off?
 - ** If a maximum back-off has been defined, is it greater than 10 minutes?

Security

-
- * For Security Review - Do feature elements:
 - ** make any changes to network port assignments?
 - ** change iptables rules?
 - ** require credentials, passwords, secret data?
 - ** make any changes to our network connections?
 - ** connect to new services or servers?
 - ** use data input from users or external tools?
 - ** use any cryptographic functions?
 - ** create or disclose proprietary or sensitive Co. or device data?
 - ** properly log operational and configuration changes?
 - ** If possible describe what could happen if feature elements are:
 - *** spoofed?
 - *** tampered with?
 - *** used by an unauthorized actor?
 - ** Advanced questions (optional)
 - *** what happens if a record of actions taken is destroyed?
 - *** what happens if an attacker attempts to DOS with the feature?

SI Concerns

-
- * Yes/No/Any

Performance expectations

-
- * Yes/No/Any

Timing consideration

-
- * If Any.

Supplementary Information

Create Issue

Configure Fields

Impacted Component(s)

Last Update

Sprint

JIRA Software sprint field

Epic Link

Choose an epic to assign this issue to.

Resolution

Fixed

RDK SI Impact

None

RDK SI Developer

Start typing to get a list of possible matches.

Create another

Create

Cancel

Create Issue

Configure Fields

(CPE SW) Components

None

RDKDEV Field

Test Notes

Unit Test Result

Approved By

Start typing to get a list of possible matches.

Arch Commit Date

Create another

Create

Cancel

1. Impacted component(s) - Fill in list of impacted RDK components
2. RDK SI Impact - System Integration impacts
3. CPE SW Components - Component names.
4. Test Notes - Describe what tests are performed to validate this contribution and the procedure.
5. Unit Test Result - Description.