Integrate a Repository

Source Code Management (SCM) Repository integrations on Polaris supports the following:

- GitHub
- GitHub Enterprise
- GitLab

Git integrations allow users to run scheduled SAST + SCA scans on a daily or weekly basis. Users may also choose to run tests on-demand using the UI. When new issues/vulnerabilities are found, the user gets an email to manually action the issue or to manually apply the following:

- SCA: Upgrade or Patch guidance
- SAST: Newly disclosed vulnerabilities

Note: This integration is on a project level / one repository per project.

Steps for Integrating a single SMC Repository to a Project

This allows you to select the repository when creating a new test for the project, see How to Test on page 37. Only one repository can be used per project.

1. From **Application**, select a Project and navigate to **Settings** > **Integrations**.
2. Select the repository source type: GitHub, GitHub Enterprise, or GitLab.
3. Enter the **Repository URL**.
4. Enter the **Repository Access Token**.

   Depending on your choice for source above, you will need to generate an access token then paste it into the text field. Instructions for generating access tokens can be found in the GitHub, GitHub Enterprise and GitLab online documentation. The scope settings you select for the access token should allow repository access.

   Following is an example token:

   ```
   ghp_b8vffEJBcAwSO4JJv0y3FzKoivuEo71d4DaX
   ```

   For GitHub, see this link

   For GitHub Enterprise, see this link.

   For GitLab, see this link.
5. Click **Test your Connection**. A spinning circle indicates the test is in progress.
6. Once the test is complete, you should either see either a green checkbox and text indicating a successful connection, or a circled red X and text indicating an unsuccessful connection.

   If your connection is unsuccessful, check the following:

   a. Make sure you have a good network connection.
   b. Check the Repository URL and Access Token to make sure they are accurate.
7. If your connection is successful, click **Save**, or use Cancel to cancel the setup.
8. You can then scan on demand (see Select files and start testing) or schedule automatic testing on a daily or weekly basis), see Test Frequency Policies.

How to Test

See Ways to triage in Polaris on page 38 for details about these selection methods.

Select files and start testing

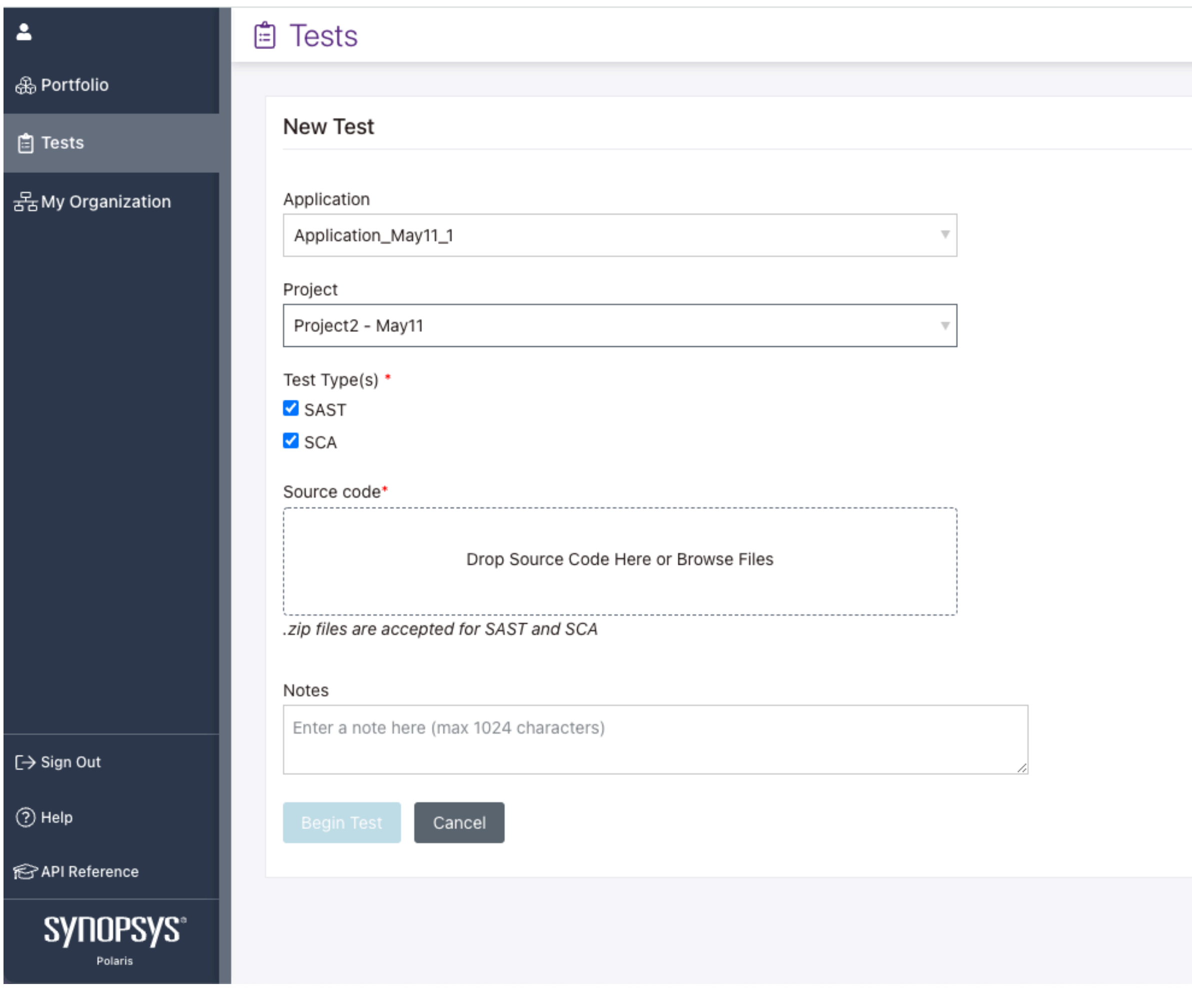
Before uploading, see the limitations for uploads on the Support page. There are guidelines for file type and size.

To scan a project, you must first upload your files to Polaris. Here's how.

1. There are two ways to start a test

- Go to **Portfolio**>**Application**>**Project** and click **Run a Test**.
- Go to **Tests** and click**New Test** button.

2. On **New Test** page, choose the Application then the Project you want to test from pulldowns.
3. Use the checkboxes to select **Test Type(s)**. (The options depend on what your App Super User has made available for the project.)



4. Use the checkboxes to select a source code location. You can either:
   a) Select **Code Upload**. Submit the files you want to test by dragging and dropping into the browser window. Or click **browse files** and use the file chooser in your operating system to select files.
   b) Select **Repository** then test your connection. If this option is not available, see Integrate a Repository on page 36.
5. After the upload or repository connection completes, click **Begin Test**.

   You can monitor the progress of tests any time by navigating to **Tests** on the left-hand navbar. Test status is shown there, with the most recent tests listed first, and you can filter by criteria such as when tests occurred, the type of test, and the project that it belongs to.

   Note: If it is the first scan for your project, you might receive email communications from the Synopsys team that require a response in order for testing to finish.

Ways to triage in Polaris

In the issue list you can triage issues in several ways:

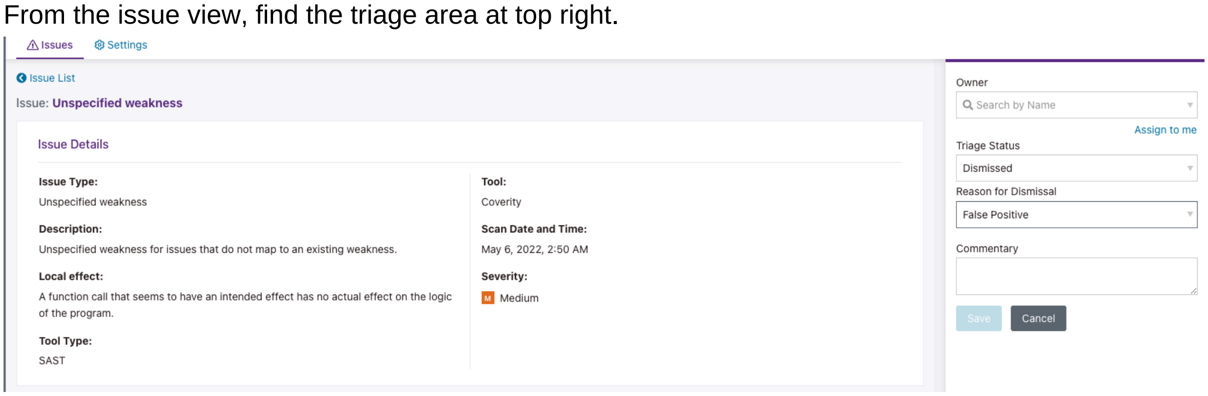
- Triage individual issues
- Batch triage by manually selecting multiple issues
- Batch triage by filtering
- Triage all

You'll need to use all of these, so we explain each approach in this page.

Triage individual issues

You might decide to review an issue independently to decide whether to dismiss it. In such cases, you can triage a single issue from within the issue view.

1. From the issue list, select an individual issue to review and triage.
2. From the issue view, find the triage area at top right.



3. In the **Owner** field, assign yourself or search by name to designate another member of the project.
4. Choose a **Triage Status** from the pulldown menu.
5. If the Triage Status is **Dismissed**, choose a reason from the **Reason for Dismissal** pulldown menu.
6. Enter a comment in the text box if you want to explain the reason for the status you chose. This is optional.
7. Click **Save**.