Setup Terraform Aisera Connector

Terraform Cloud run tasks let you integrate third-party tools and services at specific stages in the run lifecycle. Aisera scans your Terraform plan during the post-plan stage. Ensure that you have any necessary Terraform Cloud permissions, including the Manage Workspace Run Tasks permission, which allows you to associate the run task with the workspace. During run task configuration, you can amend the Endpoint URL value with additional parameters to fine-tune how Aisera detects and creates Major Incident tickets.

1. Create Terraform Integration

   - In Aisera Console navigate to Settings > Integration > Click New Integration
   - From the Popup select Terraform Integration and fill the details as below

![Edit Integration - Terraform](image.png)

2. Create Terraform Connector

   - In the Aisera Console, navigate to Settings > Data Sources > Click New Data Source Button.
   - In the new Popup that opens, fill the details as below. Make sure you choose the Integration created in Step 1.
3. Configure Field Mappings

- Go to the Data Sources Page > Search the Connector created
- Configure the field mappings as below:
4. Aisera Flow Details

The default flow shall be executed while Aisera receives the call from WebHook. A data source is set up to receive alerts from Terraform.

- Configure the Aisera app to support “All Channels” as below:
Create and configure an event listener channel as below:
- Capability: Set to **Generic Event**
- Integration: This should be set to the integration of the data source.
- Policy: You can apply a different email for receiving notifications.
- Flow: Choose the flow of the app (the default flow) that will be triggered.

5. Create a run task in Terraform Cloud:
- Sign in to Terraform Cloud with a user that has permissions to manage run tasks.
- Open the Select your Organization
- From Left side Menu Select **Settings > Run Tasks > Click “Create run Task”**
- Create the run task as follows:
  - Select the **Enabled** checkbox.
  - Enter a Name for the run task (e.g, AiseraRunTask)
  - Copy and paste the Endpoint URL value like below:
  - (Optional) Enter a Description.
  - Click **Create run task**.
6. Associate the run task with a workspace:

- Click **Workspaces**, and then click the workspace you want to monitor.
- On the left-hand menu, click **Settings**.
- Under Workspace Settings, click **Run Tasks**.
- Under Available Run Tasks, click on the plus (+) sign next to the run task you created for Aisera to add it to the workspace.
- Associate the run task by following these steps:
  - Under Run stage, select **Post-plan**.
  - Under Enforcement Level, select one of the following:
    - **Advisory**. If the task fails, the run will proceed with a warning, but will not prevent the run from completing.
    - **Mandatory**. If the task fails (including a timeout or unexpected remote error condition), the run will display a warning, and the run will stop.
- Click **Create**

7. Upon running the “terraform plan” command, plan details will be sent to the Aisera platform.

8. To view Major Incidents detected and logged by Aisera in the form of tickets:

- From Aisera menu, select **Tickets > Select Data Source** and **Date Range**. The page should look like below: