

Webhook



Wiz allows you to use incoming webhook integration to customize your connection with third-party products that are not natively supported by Wiz.

Before you begin

The prerequisites are:

- A user on the third-party product with sufficient permissions to define webhook URLs
- Access to Wiz as a Project Admin, Global Contributor, or Global Admin

Integration steps

[Step 1](#): Obtain the webhook URL

[Step 2](#): Add a Wiz Action

Obtain the webhook URL

Refer to the documentation for the third-party product you want to connect to Wiz for specific instructions on obtaining the webhook URL. Copy this URL to a local file for use below.

Add a Wiz action

1. In the Wiz portal, go to Settings > Automation > Actions, then click **Add Action**.
2. Enter a name for the action.
3. From the Action drop-down, select **Call a webhook**.

WIZ All projects ▾

Dashboard Inventory Issues Security Graph Controls Compliance Reports Projects

New Automation Action

Name

New webhook

Action

Call a webhook

ACTION PARAMETERS

URL

https://yourdomain.com/webhook

Request Body

The body of the HTTP request that will be POSTed to the above URL

```
{
  "trigger": {
    "source": "{{triggerSource}}",
    "type": "{{triggerType}}",
  }
}
```

You may use [supported template variables](#) in your message

Authentication

☒ None ☐ Basic ☐ Token

Client Certificate optional

Client certificate in PEM format which must include both certificate and private key

-----BEGIN RSA PRIVATE KEY-----

Cancel Add Action

4. Set the scope of the new Action:

- **All projects**, or
- **A selected project**
- (Optional) Restrict the new Action to only Global Contributor and Global Admins

5. In the ACTION PARAMETERS form:

- Paste the third-party webhook **URL**.
- Edit the **Request Body** field, which is the HTTP request that will be posted to the webhook URL. In this section you can also use the supported template variables.
- Choose the type of **Authentication** to use:
 - **None**—Not recommended at all, but hey, it's your data.
 - **Basic**—Provide the **Username** and **Password** associated with your HTTP endpoint.
 - **Token**—Enter an authentication token generated by the application that will be called from the webhook. This is the most secure method of authenticating webhook requests. Refer to the documentation for the third-party product for specific instructions on generating an authentication token.
- (Optional) For a more secure connection, enter a **Client Certificate** to use in addition to whatever Authentication method was selected in the previous step.

6. Click **Add Action**.

Webhook alert structure

The basic webhook alert uses the following structure:

```
{
  "trigger": {
    "source": "{{triggerSource}}",
    "type": "{{triggerType}}",
    "ruleId": "{{ruleId}}",
    "ruleName": "{{ruleName}}"
  },
  "issue": {
    "id": "{{id}}",
    "status": "{{status}}",
    "severity": "{{severity}}",
    "created": "{{createdAt}}",
    "projects": "{{#projects}}{{name}}, {/projects}}"
  },
  "resource": {
    "id": "{{entitySnapshot.providerId}}",
    "name": "{{entitySnapshot.name}}",
    "type": "{{entitySnapshot.nativeType}}",
    "cloudPlatform": "{{entitySnapshot.cloudPlatform}}",
    "subscriptionId": "{{entitySnapshot.subscriptionExternalId}}",
    "subscriptionName": "{{entitySnapshot.subscriptionName}}",
    "region": "{{entitySnapshot.region}}",
    "status": "{{entitySnapshot.status}}",
    "cloudProviderURL": "{{entitySnapshot.cloudProviderURL}}"
  },
  "control": {
    "id": "{{control.id}}",
    "name": "{{control.name}}",
    "description": "{{description}}",
    "severity": "{{severity}}"
  }
}
```

Webhook supported fields

See the list of supported [template variables](#).

Webhook headers

The webhook alert will be wrapped with the following headers:

Header	Value
connection	close
accept-encoding	gzip



Header	Value
content-type	application/json
charset	utf-8

content-length	1000
user-agent	WizWebhook/1.0
host	webhook.site
Authentication	Bearer <<Token_value>> (if defined)

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