

# Testing Webhooks Locally



Test receiving and verifying Bot status event webhooks locally



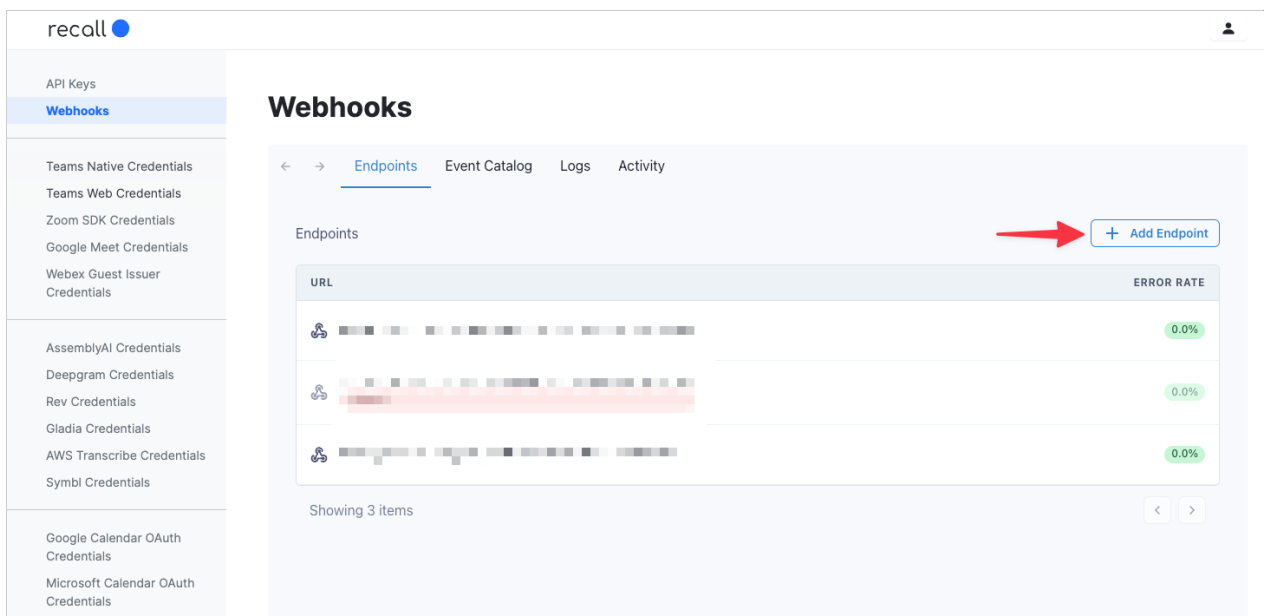
## Prerequisite

Before you can receive bot status change events locally, make sure you've set up [Local Webhook Development](#).

## Configuration

### Configure your endpoint

1. Go to the [Recall dashboard](#) and click **Add Endpoint**



2. In **Endpoint URL**, enter your static ngrok URL along with the path to your webhook handler.

## Webhooks

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Endpoints > New Endpoint

Endpoint URL

`https://my-static-domain.ngrok-free.app/webhook/recall`

Configure with your own endpoint or [use Svix Play](#) ⓘ

Description

An optional description of what this endpoint is used for.

## Configure your local server

Copy the signing secret for your new webhook endpoint

### Webhooks

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Endpoints > 1US94C

`https://my-static-domain.ngrok-free.app/webhook/recall` [Edit](#)

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Description

No description

Edit

Attempt Delivery Stats

NO MESSAGES RECEIVED IN THE LAST 28 DAYS

Message Attempts

EVENT TYPE

MESSAGE ID

TIMESTAMP

This endpoint has not received any messages yet

Showing 0 items

Creation Date

February 17, 2024 at 10:14 AM

Last Updated

February 17, 2024 at 10:14 AM

Subscribed events

[Edit](#)

Listening to all events

Signing Secret

whsec\_yhVJ7lfTGMQDJY8YSq9aGcsw4I7/XJ

Iz

[↺](#) [All](#) [Succeeded](#) [Failed](#) [Filters](#)

Configure your server to use this secret locally.



### Use an environment variable

Below the secret is hard-coded into our handler for demonstration purposes, .

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*recommend using an environment variable.*

*This will allow you to separate this sensitive value from version control and make configuring secrets for different environments much easier.*

JavaScript   python   Go

```
import { Webhook } from "svix";
import bodyParser from "body-parser";

const secret = "whsec_yhVJ7lfTGMQDJY8YSq9aGcsw4I7/XJIz";

app.post('/webhook/recall', bodyParser.raw({type: 'application/json'}), (req,
res) => {
  const payload = req.body;
  const headers = req.headers;

  const wh = new Webhook(secret);
  let msg;
  try {
    msg = wh.verify(payload, headers);
  } catch (err) {
    res.status(400).json({});
  }

  // Do something with the message...

  res.json({});
});
```

## Receive your first webhook events

### Start your server and tunnel

Start up your server and open an ngrok tunnel for your static domain, pointing it to the port of your local server.

**Example: Start a node.js server on port 3000 and expose it publicly at my-static-domain.ngrok-free.app**

Shell

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```
# Start the server
npm run start --port 3000

# In a new terminal: Start the ngrok tunnel
ngrok http --domain my-static-domain.ngrok-free.app 3000
```

## Create a bot

1. Start an instant Google Meet call: <https://meet.google.com/>
2. Call [Create Bot](#), setting `meeting_url` to the URL of the meeting you just created.
3. As the bot joins the call and starts recording, you should see your server receive the webhook events and verify their signatures successfully.



```
received event: {"data":{"data":
{"code":"joining_call","updated_at":"2024-02-
17T16:44:00.505440+00:00","sub_code":null}}, "bot": {"id": "92e24581-
f82b-401a-8f75-88e64b04c24e", "metadata": {}}},"event":"bot.joining_call"}
received event: {"data":{"data":
{"code":"in_waiting_room","updated_at":"2024-02-
17T16:44:23.288984+00:00","sub_code":null}}, "bot": {"id": "92e24581-
f82b-401a-8f75-88e64b04c24e", "metadata": {}}},"event":"bot.in_waiting_room"}
received event: {"data":{"data":
{"code":"in_call_not_recording","updated_at":"2024-02-
17T16:44:23.288984+00:00","sub_code":null}}, "bot": {"id": "92e24581-
f82b-401a-8f75-88e64b04c24e", "metadata":
{}}},"event":"bot.in_call_not_recording"}
received event: {"data":{"data":
{"code":"in_call_recording","updated_at":"2024-02-
17T16:44:23.288984+00:00","sub_code":null}}, "bot": {"id": "92e24581-
f82b-401a-8f75-88e64b04c24e", "metadata":
{}}},"event":"bot.in_call_recording"}
```

 Updated 2 months ago

[← Bot Sub Codes](#)

[FAQs: Webhooks →](#)

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Did this page help you?  Yes  No

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