

# Webhooks

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To enable your platform to quickly react to changes in Manifold's embedded marketplace, Manifold provides a webhook system which publishes events for certain actions in the marketplace. When one of these events is triggered, Manifold sends an HTTP POST payload to a webhook URL that's unique to your platform.

Webhooks allow you to subscribe to events to help you build your integrations – for example, when one of your end users provisions a resource, you need to load the resource and its credentials into your platform.

## Events

Manifold currently sends the following events through its webhooks:

Event	Description
resource:provisioned	Notification when a user has successfully provisioned a resource on the Manifold marketplace.
resource:deprovisioned	Notification when a user has successfully deprovisioned a resource on the Manifold marketplace.

**Note:** Currently, all events are sent to the same platform-specific endpoint, and it's not possible to filter by event.

## Payload

Manifold marketplace events are sent as JSON objects which contain three fields: event, version, and data.

The event key contains the publishing event headers, and the version specifies the version of the event we're publishing.

```
1 {  
2   "event": "<event-type>",  
3   "version": 1,  
4   "data": {}  
5 }
```

The data key holds a dynamic value that's dependent on the event type.

## Delivery Status

When Manifold publishes an event, Manifold records the delivery status. Successful deliveries have a response status code of < 400.

When delivery fails (response status code  $\geq 400$ ), Manifold reattempts delivery up to 10 times using an exponential backoff mechanism.

When event delivery takes more than five seconds, it's marked as failed, and delivery will be retried.