

[Zapier](#) → [Integration Scenarios](#) →

Web Service Scenario



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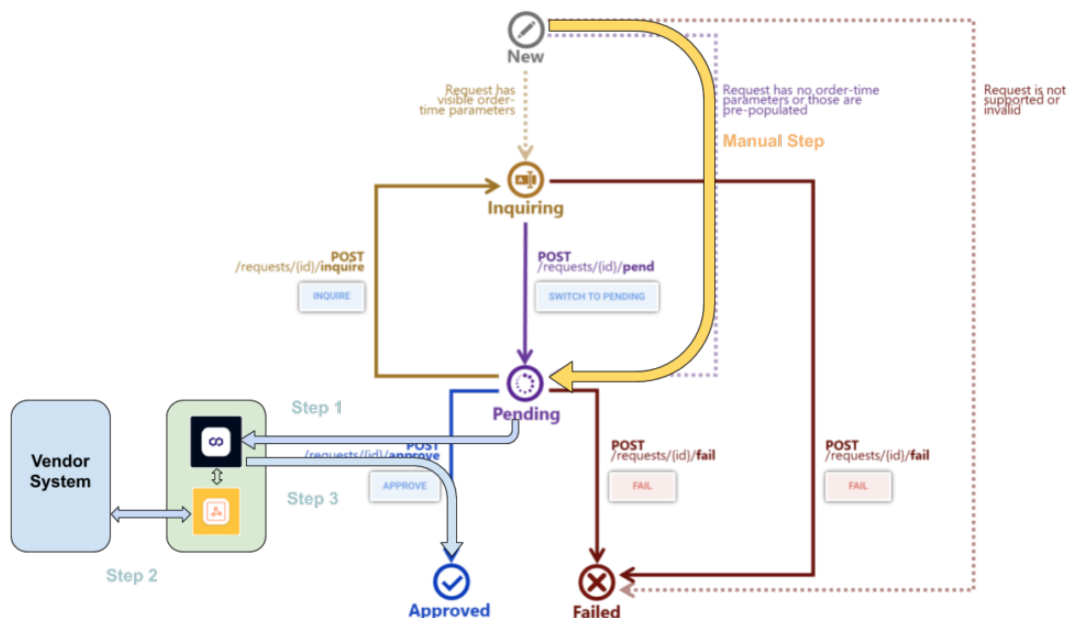
CloudBlue

A web service is a collection of open protocols and standards used for exchanging data between applications or systems.

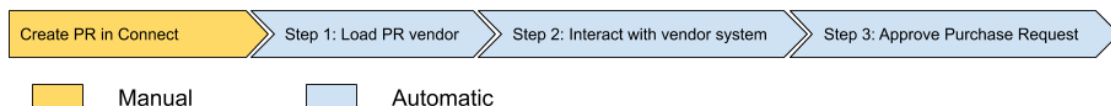
Software applications written in various programming languages and running on various platforms can use web services to exchange data over computer networks like the Internet in a manner similar to inter-process communication on a single computer. This interoperability between applications is due to the use of open standards.

WebHooks in Zapier is an alternative to polling. It subscribes to your server using a unique URL on a per Zap basis and you send a payload of data back to the unique URL to trigger that particular Zap. This will allow your customers' Zaps to trigger instantly and will also reduce the load on your servers as we will not be constantly querying for data every 5 or 15 minutes.

WebHooks integration through Zapier is a perfect way to integrate 3rd party platforms that have an API ecosystem with low effort

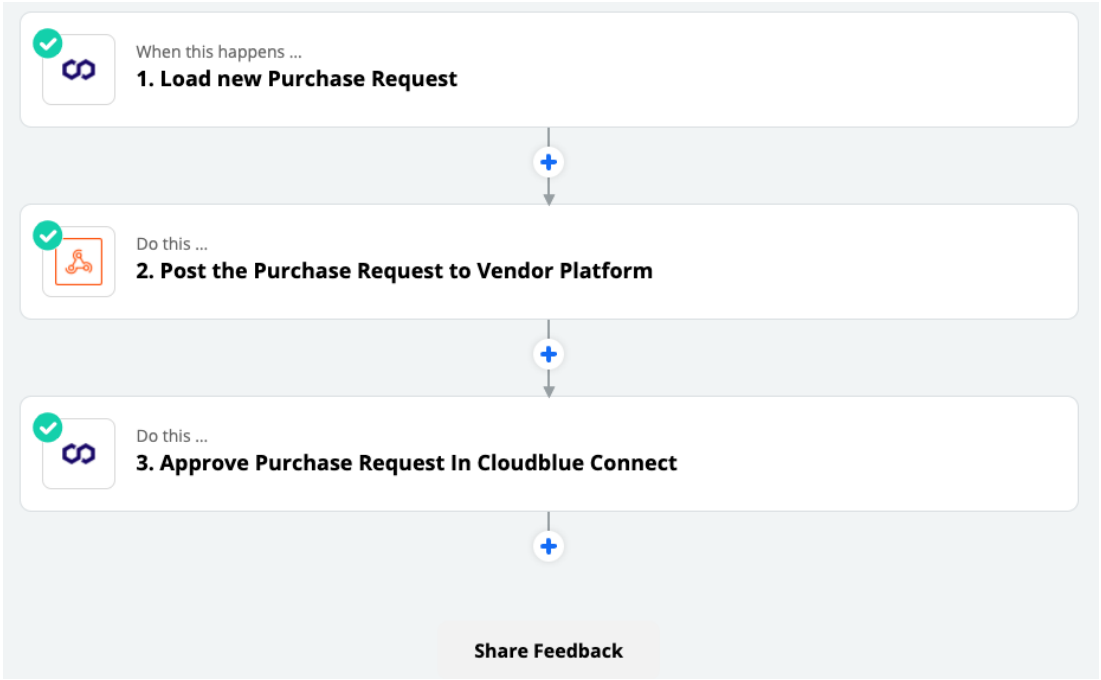


Modeling



ZAP Integration

To trigger the Zap is configured as a first step that loads the purchase request and calls the API rest of the vendor system with the data of the PR. This call returns an acceptance that updates the PR with the accepted status.



Detail of the step 1

APP: Cloudblue Connect

Trigger: New Asset Request

When this happens ...
1. Load new Purchase Request

Choose App & Event

Choose Account

Customize Request

Request Status

Pending

Choose value...

Using this filter only requests matching the requested status will be available for the Zap.

Additional Filters

Choose value...

This dropdown allows to add additional filters used to query for asset requests.

Amount Of Records Per Batch Query 1 2 3

100

On each poll to CloudBlue Connect, Zapier will limit the results to the limit specified here, this option is especially useful in the case you are creating a Zap for an account either with a lot of requests or to limit the amount of samples obtained while designing the zap.

Process Requests In Batch

Yes

This option when set to yes causes that zapier obtains all requests in your queue matching the different filters you specify in batches, each batch will be as big as specified in the previous option.


Refresh Fields

Find Data


Done Editing


APP: Webhooks by Zapier

Trigger: Custom Request


Do this

2. Post the Purchase Request to Vendor Platform

 Choose App & Event

 Customize Request

Method (Required)

POST

The HTTP method we'll use to perform the request.

URL (Required)

https://private-b6fd7b-connectvendor.apigee-mock.com/request

Any URL, with a querystring will be re-encoded properly.

Data Pass Through? ☐

False

If yes, request data below will be overridden with the raw data from the previous step (you are still responsible for headers though, like Content-Type). Defaults to no.

Data

```
{
  "productId": "1. Asset Items Global ID: PRD-845-746-468-0002 ",
  "quantity": "1. Item Quantity: 7 "
}
```

For yes, request data for the request here. Could be JSON, XML, etc. Nothing is parsed for you here (including extra line breaks or space – everything is sent verbatim). You probably need to define a header below corresponding to your data. Content-Type. Reminder.

Unflatten ☐

Yes

By default we convert fields with double underscores into nested dictionaries. Select no here to turn this behavior off.

Basic Auth

Type or Insert...


A pipe (|) separated username, password combo for standard HTTP authentication.

Headers

content-type	application/json	X
		+

Key, value pairs to be added as headers in all requests.

☒ Refresh Fields

 Send Data

Done Editing

APP: Webhooks by Zapier

Trigger: Approve Asset Request

Do this ...

3. Approve Purchase Request In Cloudblue Connect

▼ Choose App & Event

▼ Choose Account

^ Customize Asset Request

Request ID

1. ID: PR-1613-1993-9653-001

Specify the request ID to update, this one can come from previous steps of the Zap or from a Search.

Template ID

2. Template ID: TL-313-655-502

Specify the template ID used by the given product the request relates with. The list of available templates can be obtained on Connect Portal under concrete product on the Control panel section.

Refresh Fields

▼ Send Data

Done Editing