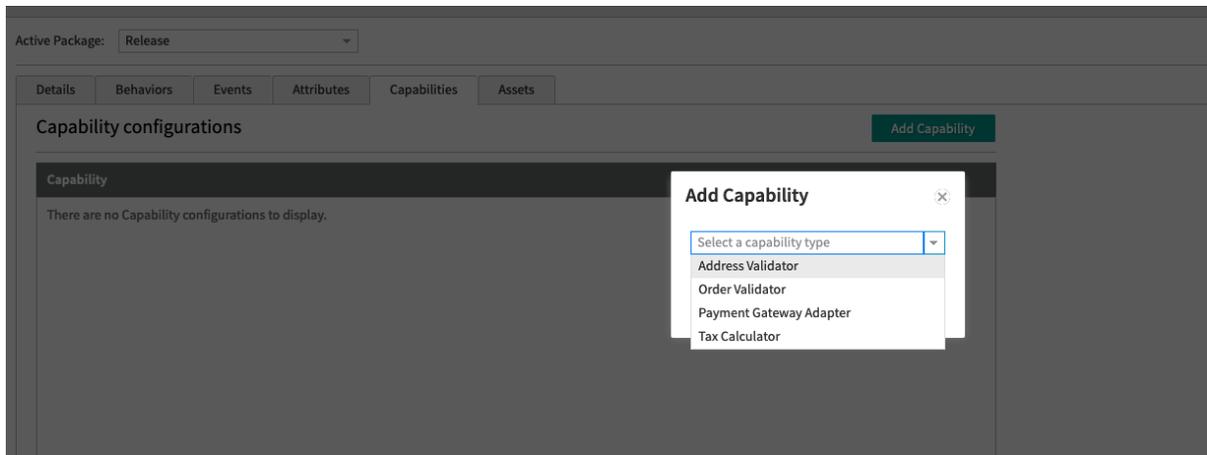# Address Validator

The address validator is an application capability, in which you implement a REST endpoint that accepts a request and returns a response for the given capabilities. This validates that street and postal addresses exist.

Add Address Validator

Follow the below steps to add an address validator:

1. In Dev Center, navigate to **Develop** > **Applications > Packages > Capabilities.**
2. Click **Add Capability**.
3. Search for **Address Validator** in the **Add Capability** modal and click **Ok.**

4. Add a URL for a web service that you host externally (or an API Extension http.storefront.routes function if you want it hosted in Kibo).
5. Select the validator country from the list of countries.

> **ℹ** By default, Kibo uses USPS as the validator. As long as your service returns addresses in the below formats you can create your own address validator using any other service (FedEx, Google, etc).

Configure Address Validator

* ValidateAddress endpoint URL:

```
https://example.com/myaddressservice
```

Country
☐ Trinidad and Tobago
☐ Tuvalu
☐ Taiwan
☐ Tanzania
☐ Ukraine
☐ Uganda
☐ United States Minor Outlying Islands
☑ United States
☐ Uruguay
☐ Uzbekistan
☐ Holy See (Vatican City State)
☐ Saint Vincent and the Grenadines
☐ Venezuela

« ‹ | Page 1 of 1 | › » | ⟳   Displaying 1 - 250 of 250

Cancel   Save

Validate Address API

Your service must accept an addressvalidation request. Use the below template to create your API request:

```
{
 address: {
   address1: string | null
   address2: string | null
   address3: string | null
   address4: string | null
   cityOrTown: string | null
   stateOrProvince: string | null
   postalOrZipCode: string | null
   countryCode: string | null
   addressType: string | null
   isValidated: boolean | null
 }
}
```

and must reply with a response in this form:

```
{
 addressCandidates: [{
  address1: string | null
  address2: string | null
  address3: string | null
  address4: string | null
  cityOrTown: string | null
  stateOrProvince: string | null
  postalOrZipCode: string | null
  countryCode: string | null
  addressType: string | null
  isValidated: boolean | null
 }]
}
```

Like the tax integrations, you can also implement Address Validation (Before) and Address Validation (After).

Installing and Testing

Once you have the service hosted at a given URL (and tested with Postman to make sure the responses are coming out as expected), you can install it on a tenant.

Follow the below steps for testing.

1. After the application is installed, go to **Applications Page** and click on the **Application.**
2. Click the toggle to "Enabled". This will enable your address validator.
3. You can test the validator using the storefront theme, or by making API calls to the Address Validation API.