

[Cloud Vision API Product Search](#)

Getting an operation's status

Several operations you request are long-running, such as product set creation via bulk import, purging a product set, and purging orphaned products. These types of requests will return a JSON with an operation ID that you can use to get the status of the operation.

For example, a batch delete (**purge**) request returns the following JSON:

```
{  
  "name": "projects/project-id/locations/location-id/operations/bc4e1d412863e626"  
}
```

In this case, the operation ID is **bc4e1d412863e626**. The following samples show how to get the status of this operation with this ID.

REST & CMD LINE

Before using any of the request data below, make the following replacements:

- **location-id**: A valid location identifier. Valid location identifiers are: **us-west1**, **us-east1**, **eu-west1**, and **asia-east1**.
- **operation-id**: The ID of your operation. The ID is the last element of the name of your operation. For example:
 - operation name: **projects/*project-id*/locations/*location-id*/operations/**bc4e1d412863e626****
 - operation id: **bc4e1d412863e626**

HTTP method and URL:

```
GET https://vision.googleapis.com/v1/locations/location-id/operations/operation-id
```

To send your request, choose one of these options:

CURL

POWERSHELL

Note: If you are not executing the command below from [Cloud Shell](#) (<https://cloud.google.com/shell/docs>) or [Compute Engine](#) (<https://cloud.google.com/compute/docs>), ensure you have set the [GOOGLE_APPLICATION_CREDENTIALS](#)

(<https://cloud.google.com/docs/authentication/production>) environment variable to your service account private key file path.

Execute the following command:

```
curl -X GET \
-H "Authorization: Bearer "$(gcloud auth application-default print-access-token)
https://vision.googleapis.com/v1/locations/location-id/operations/operation-id
```

You should see output similar to the following for a completed **product set purge operation**:

```
{
  "name": "locations/location-id/operations/operation-id",
  "metadata": {
    "@type": "type.googleapis.com/google.cloud.vision.v1.BatchOperationMetadata",
    "state": "SUCCESSFUL",
    "submitTime": "2019-09-04T15:58:39.131591882Z",
    "endTime": "2019-09-04T15:58:43.099020580Z"
  },
  "done": true,
  "response": {
    "@type": "type.googleapis.com/google.cloud.vision.v1.PurgeProductsRequest",
    "parent": "projects/project-id/locations/location-id",
    "productSetPurgeConfig": {
      "productSetId": "project-set-id"
    },
    "force": true
  }
}
```

You should see output similar to the following for a completed **purge orphaned products operation**:

```
{
  "name": "locations/location-id/operations/operation-id",
  "metadata": {
    "@type": "type.googleapis.com/google.cloud.vision.v1.BatchOperationMetadata",
    "state": "SUCCESSFUL",
    "submitTime": "2019-09-04T16:08:38.278197397Z",
    "endTime": "2019-09-04T16:08:45.075778639Z"
  },
  "done": true,
  "response": {
    "@type": "type.googleapis.com/google.cloud.vision.v1.PurgeProductsRequest",
```

```
"parent": "projects/project-id/locations/location-id",  
"deleteOrphanProducts": true,  
"force": true  
}  
}
```

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Last updated September 17, 2019.