

# Creating cURL Jobs

## Creating Jobs

To create a job, use your API key along with a JSON payload matching the schema described in the tables above, and make an HTTP GET request like the following:

```
curl https://streamengine.igolgi.com/api/v0/job \
-k \
--request POST \
-u 8e6f7a5bf90821a175338ce08be4b7ca:a \
--header 'Content-Type: application/json' \
-d '{
  "videoProfiles": [
    {
      "output": "",
      "width": 1024,
      "height": 768,
      "video_bitrate": 3500,
      "video_bitrate_mode": "cbr",
      "video_framerate": "1x"
    }
  ],
  "audioProfiles": [
    {
      "audio_bitrate": 256,
      "audio_channels": 2,
      "audio_codec": "aac"
    }
  ],
  "output_container": "mp4",
  "video_codec": "h.264",
  "input": "oci://yzwhip2gci7s/jey_test_bucket2/test_dir/moana_30_seconds.ts",
  "cloud_credentials": {
    "input": {
      "cloud_provider": "oracle",
      "access_key": "...",
      "secret_key": "...",
      "region": "ca-toronto-1"
    }
  }
}'
```

# Retrieving a Sent Job

To retrieve a job, use your API key to make a GET request to the `/api/v0/job/id` endpoint, replacing id with the id of the job you wish to retrieve:

```
curl https://streamengine.igolgi.com/api/v0/job/1 \
-u 8e6f7a5bf90821a175338ce08be4b7ca:
```

The response will look something like this:

```
{
  "status": {
    "tcode_progress": "0",
    "state": "ready",
    ... # additional fields
  },
  "config": {
    ... # your job configuration
  },
}
```

This allows you to retrieve the original configuration for your job, as well as check on its progress using the `tcode_progress` field.

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