**Lab Exercise 1–APIGEE Reverse Proxy for Proxy Endpoint**

**Objective:**

To create a reverse proxy using Apigee that forwards client requests to an external target server (e.g., https://httpbin.org).

**Tools Required:**

* Apigee Edge or Apigee X access
* API proxy creation permission
* A simple API client like curl or Postman

**Step 1: Create a New Reverse Proxy in Apigee**

1. Log in to your Apigee organization.
2. Navigate to **Develop > API Proxies**.
3. Click **+ Proxy**.
4. Choose **Reverse Proxy (most common)**.
5. Fill in the following details:
   * **Proxy Name**: reverse-proxy-demo
   * **Project Base Path**: /revproxy
   * **Existing API (Target)**: https://httpbin.org
   * **Description**: Reverse proxy test to httpbin
6. Click **Next**, then **Next**, and then **Build and Deploy** the proxy to the **test** environment.

**Step 2: Test the Proxy Endpoint**

Use the following command to test:

curl https://your-org-name-test.apigee.net/revproxy/get

You should receive a JSON response from https://httpbin.org/get.