



Aug, 2015

Foundational Training

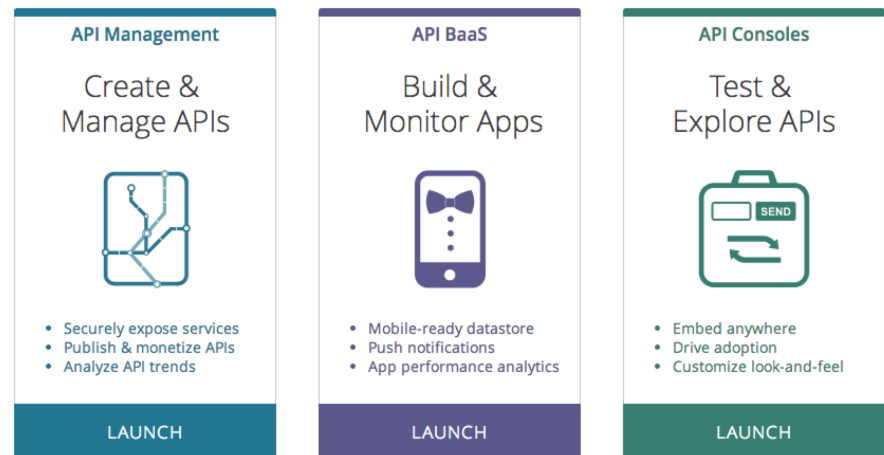
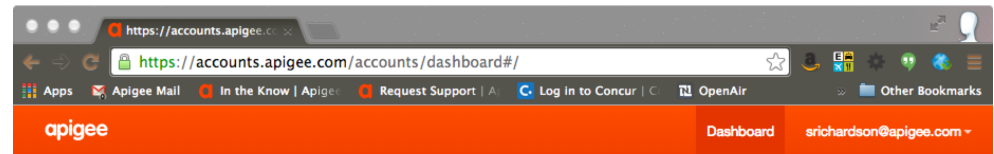
Setting up your first API in Apigee Edge



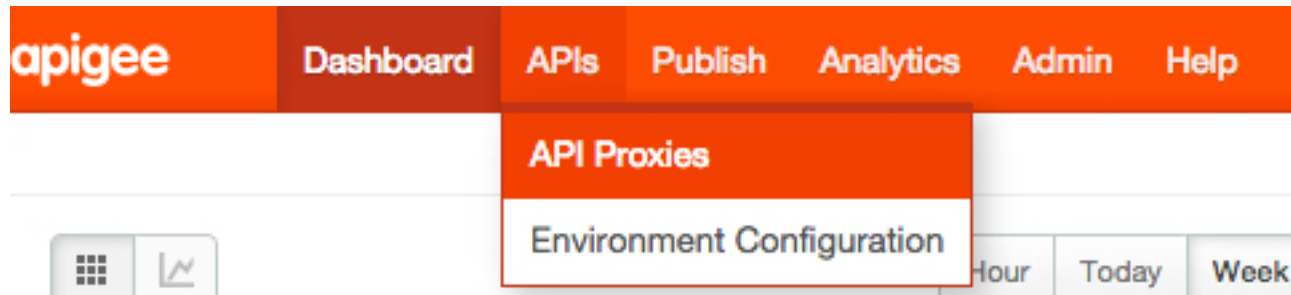
Getting Setup

Steps

1. Using a web browser Navigate to accounts.apigee.com
2. If you have an apigee account, login
3. If you do not have an apigee account, select “sign up”
 - Fill out form and select create account
 - Activate Account by selecting link in email
4. Under API Management select the “launch” or “activate” button
5. Welcome to Apigee Edge!!



Let's create our first API Proxy (Part 1)



- Hover your mouse over “APIs” in the menu bar and select the “API Proxies” menu option

API Proxies

Metrics for Last 24 Hours								
API Proxy	Environments	Traffic	Message Trend by Hour	Avg Time	Error Rate	Avg Size	Created	Actions
oauth		0					Sep 5, 2014 5:45:46 PM	× Delete Roles
weatherapi		0					Sep 5, 2014 5:45:46 PM	× Delete Roles

Lets create our first API Proxy (Part 2)

New API Proxy

1 Choose Your Starting Point

Starting Point Type* ☒ Backend Service ☐ API Bundle ☐ WSDL ☐ No Target ☐ New Node.js ☐ Existing Node.js

Backend Service URL*
Defines the target URL invoked on behalf of this API proxy. Any URL that is accessible over the open Internet can be used.
Example: https://weather.yahooapis.com

2 Identify Your API Proxy

Name*
Valid characters are letters, numbers, dash (-), and underscore (_).

Project Base Path*
A path component that uniquely identifies this API proxy. The public-facing URL of this API proxy is comprised of your organization name, an environment where this API proxy is deployed, and this Base Path. Example URL <http://trainingmats-test.apigee.net/>

Description

3 Add Features

Security ☒ None ☐ Secure with API Keys ☐ Secure with OAuth v2.0 Access Tokens ☐ Impose Quota per Developer ☐ Publish API Product

Browser Access ☐ Enable Direct Browser Access for Your API — Allow direct requests from a browser via CORS.

Cancel

Build

Choosing your starting point

1 Choose Your Starting Point

Starting Point Type* ☐ Backend Service ☐ API Bundle ☒ WSDL ☐ No Target ☐ New Node.js ☐ Existing Node.js

This proxy can be used as an API stub

WSDL Source* ☐ URL ☒ File ☐ Example URL

Can be also used for creating endpoints that end at Apigee

- E.g. Authentication endpoints managed by Apigee for token generation

Fetch WSDL

Backend Service

The most common starting point

The Backend Service URL defines the target URL that Apigee Edge invokes on a request to the proxy.

WSDL proxy that shows how to integrate your node.js application with Apigee BaaS.

API Bundle is a zip file

When you are working with web-services that are defined with a WSDL you have a couple options available to help you either manage your Service as a SOAP API or an option to generate some

A mechanism that works like the API Bundle option for node.js applications.

Completing the Form

New API Proxy

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Build

API Proxy Creation Success!!!

New API Proxy ×

Create  Deploy  Done! 


Progress

Successfully saved API proxy: Steves-APIEatery. Time elapsed: 0:00
Deploying revision: 1 In environment: test
Deploy Completed Revision 1 was deployed to environment test.
Deployment successful. Time elapsed: 0:01

Congratulations, you have successfully created and deployed an API proxy running within the API management platform!

Next Steps

- View a basic overview of your API proxy with the **Overview** feature.
- Refine your new API proxy with **Develop** view.
- Test each step of your API proxy with **Trace**.
- Explore the API Platform documentation.

 Close

Day 1 - Lab 1

- Create a proxy bundle in your org/env
 - Choose Backend Service
 - Backend Service URL = <https://api.usergrid.com/bellevue2015/sandbox/ratings>
 - API Proxy Name = apieatery
 - Project Base Path = /v0/apieatery
- Test your Proxy
 - Send a request from Postman <http://bellevue2015-test.apigee.net/v0/apieatery>
 - Expect a 200 OK
 - Sample output below:

```
{  
  "action": "get",  
  "application": "e2a8a110-fd84-11e4-ba73-e9421c1c5efb",  
  "params": {},  
  "path": "/ratings",  
  "uri": "https://api.usergrid.com/bellevue2015/sandbox/ratings",  
  "entities": [  

```


Thank you

A network diagram consisting of white circular nodes of varying sizes connected by thin white lines. The nodes are scattered across the orange background, with some forming a central cluster and others connected to the periphery. The lines represent connections between the nodes, creating a web-like structure.

apigee

January 2014