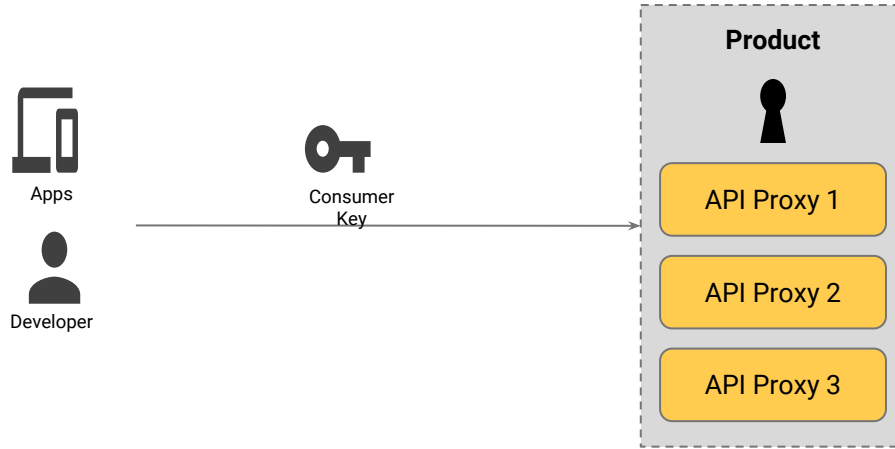


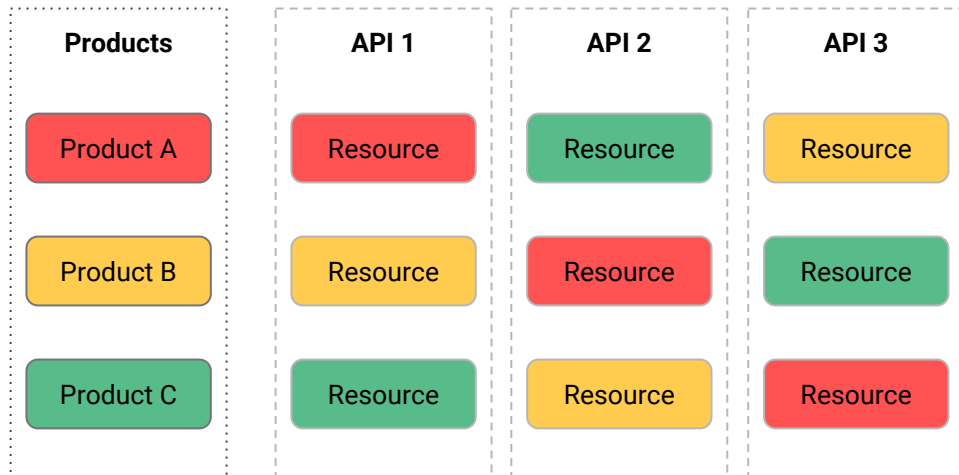


# Verify API Key

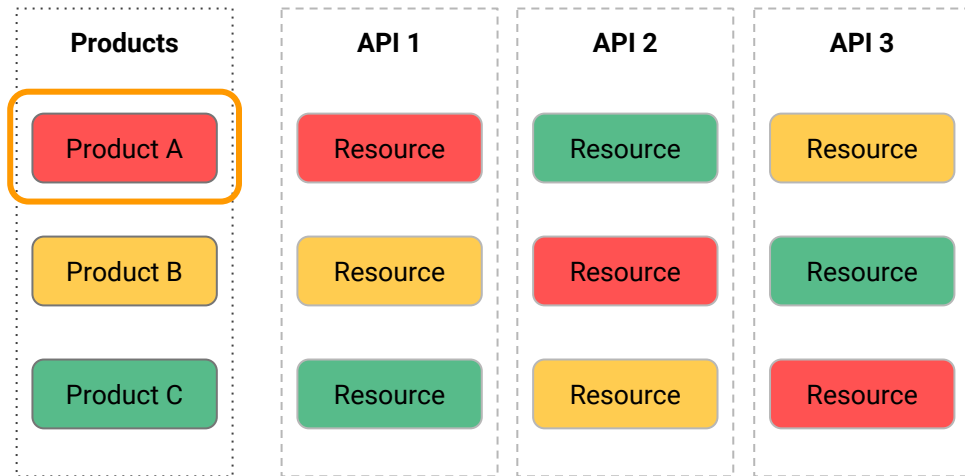
# Overview



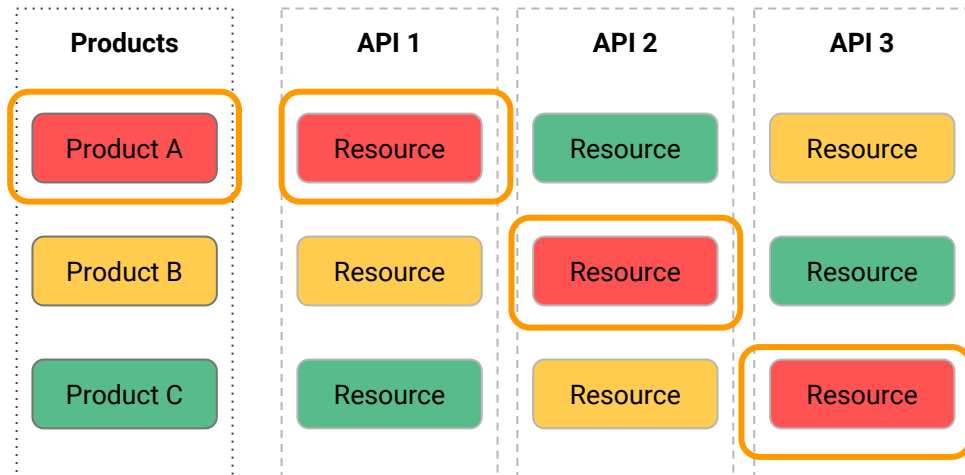
# What is an API product?



# What is an API product?



# What is an API product?



# Create an API Product

## Product Details

Name	<input type="text"/>
Display Name	<input type="text"/>
Description	<input type="text"/>
Environment	<input type="checkbox"/> test <input type="checkbox"/> prod
Access	<input type="radio"/> Internal only — Visible only to developers at srinisorg during app registration <input type="radio"/> Private — Visible only to external developers with explicit permission during app registration <input type="radio"/> Public — Visible only to any registered developer during app registration
Key Approval Type	<input checked="" type="radio"/> Automatic <input type="radio"/> Manual <a href="#">Learn more</a>
Quota	<input type="text"/> requests every <input type="text"/> <input type="button" value="Select..."/>
Allowed OAuth Scopes	<input type="text"/> Comma separated scope names. <a href="#">Learn more</a>

## Resources

API Proxy	Revision	Resource Path	<input type="button" value="Import Resource"/>
<input type="button" value="Select..."/>	<input type="button" value="Select..."/>	<input type="button" value="Select..."/>	
Paths	Resource Path	Actions	
		<input type="button" value="+ Custom Resource"/>	
API Proxies	API Proxy	Actions	
		<input type="button" value="+ API Proxy"/>	

# Create an API Product

## Product Details

Name

Display Name

Description

Environment ☐ test ☐ prod

Access ☐ Internal only – Visible only to developers at srinisorg during app registration  
☐ Private – Visible only to external developers with explicit permission during app registration  
☐ Public – Visible only to any registered developer during app registration

Key Approval Type ☒ Automatic ☐ Manual  
[Learn more](#)

Quota  requests every

Allowed OAuth Scopes   
Comma separated scope names. [Learn more](#)

## Resources

	API Proxy	Revision	Resource Path	
	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="button" value="Import Resource"/>
Paths	<input type="text" value="Resource Path"/>			<input type="button" value="Actions"/>
				<input type="button" value="+ Custom Resource"/>
API Proxies	<input type="text" value="API Proxy"/>			<input type="button" value="Actions"/>
				<input type="button" value="+ API Proxy"/>

# Create an API Product

## Product Details

Name

Display Name

Description

Environment ☐ test ☐ prod

Access ☐ Internal only — Visible only to developers at srinisorg during app registration  
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## Resources

	API Proxy	Revision	Resource Path	
	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="button" value="Import Resource"/>
Paths	Resource Path			Actions
				<input type="button" value="+ Custom Resource"/>
API Proxies	API Proxy			Actions
				<input type="button" value="+ API Proxy"/>



# Create an API Product

## Product Details

Name

Display Name

Description

Environment ☐ test ☐ prod

Access ☐ Internal only — Visible only to developers at srinisorg during app registration  
☐ Private — Visible only to external developers with explicit permission during app registration  
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Quota  requests every

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## Resources

API Proxy	Revision	Resource Path	
<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="button" value="Import Resource"/>
Paths	Resource Path	Actions	<input type="button" value="+ Custom Resource"/>
API Proxies	API Proxy	Actions	<input type="button" value="+ API Proxy"/>

# Create an API Product

## Product Details

Name

Display Name

Description

Environment ☐ test ☐ prod

Access ☐ Internal only — Visible only to developers at srinorsg during app registration  
☐ Private — Visible only to external developers with explicit permission during app registration  
☐ Public — Visible only to any registered developer during app registration

Key Approval Type ☒ Automatic ☐ Manual  
[Learn more](#)

Quota  requests every

Allowed OAuth Scopes   
Comma separated scope names. [Learn more](#)

## Resources

API Proxy	Revision	Resource Path	
<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="text" value="Select..."/>	<input type="button" value="Import Resource"/>

Paths	Resource Path	Actions
		<input type="button" value="+ Custom Resource"/>

API Proxies	API Proxy	Actions
		<input type="button" value="+ API Proxy"/>

# Create an App Developer

## Create a Developer

First Name

Last Name

Username

Email

Cancel

Create

# Create an App Developer

Thomas Edison

thomas@weathersample.co...

tom\_edison

1

DETAILS

+

CUSTOM ATTRIBUTES

APPS

PROPERTY	VALUE
First Name	Thomas
Last Name	Edison
Email	thomas@weathersam...
Username	tom_edison
Status	Active
Member Since	8 months ago
Developer ID	8dc72d79-7a43-4401...

No Custom Attributes

NAME	KEYS REGISTERED
thomas-app	1    8 months ago

# Create a Developer App

## Developer App Details

Name

Display Name

Developer

Select...

App Status

Callback URL

A callback URL is required only for 3-legged OAuth.

Notes

## Credentials

Expiration	<input checked="" type="radio"/> Never <input type="radio"/> Duration <input type="radio"/> Date
Products	<div><div>+ Product</div>At least one product is required.</div>

## Custom Attributes

Name	Value	Actions
<div><div>+ Custom Attribute</div></div>		

Cancel

Save

# API Keys

## Developer App Details

Name      thomas-app

Display Name      Tom's Weather App

Registered      May 23 2016 4:41 PM

Developer      [Thomas Edison \(thomas@weathersample.com\)](#)

App Status      Approved

Callback URL      http://tom.app/login

Notes


## Credentials


Issued	Expiry	Consumer Key	Consumer Secret	Status
May 23 2016 4:41 PM 9 months ago	Never	AIJXJBsGdDFhN7yG3PeWZw7Ca3rmHYnA <a href="#">Hide</a>	Up0ugndBUB9ckpEm <a href="#">Hide</a>	Approved
Product				


# Attach Verify API Key policy to preflow


Add Policy





 OAuth v2.0


 Get OAuth v2.0 Info


 Set OAuth v2.0 Info


 Delete OAuth v2.0 Info


 OAuth v1.0a


 Get OAuth v1.0a Info

 Delete OAuth v1.0 Info


 Verify API Key


 Access Control


 Generate SAML Assertion

 Validate SAML Assertion

MEDIATION

 JSON to XML

 XML to JSON

Policy Type  Verify API Key

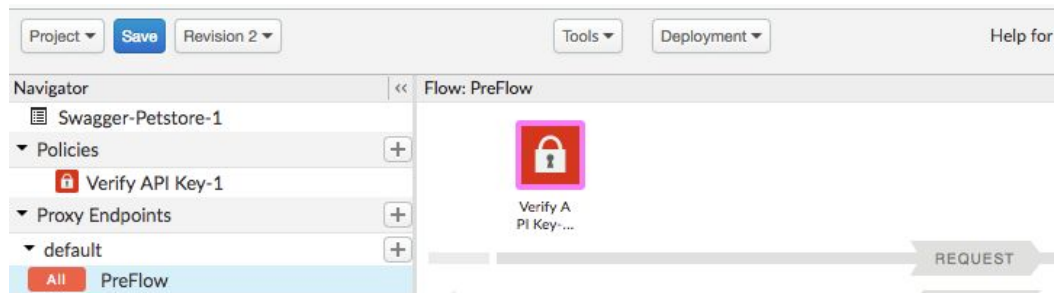
Display Name

Name

Cancel

Add

# Attach Verify API Key policy to preflow





# Specify where to find the API Key

```
<VerifyAPIKey async="false" continueOnError="false"  
enabled="true" name="Verify-API-Key-1">  
  <DisplayName>Custom label used in UI</DisplayName>  
  <APIKey ref="request.formparam.apikey"/>  
</VerifyAPIKey>
```

# Specify where to find the API Key

```
<VerifyAPIKey async="false" continueOnError="false"  
enabled="true" name="Verify-API-Key-1">  
  <DisplayName>Custom label used in UI</DisplayName>  
  <APIKey ref="request.header.API-Key"/>  
</VerifyAPIKey>
```

# Specify where to find the API Key

```
<VerifyAPIKey async="false" continueOnError="false"  
enabled="true" name="Verify-API-Key-1">  
  <DisplayName>Custom label used in UI</DisplayName>  
  <APIKey ref="request.queryparam.apikey"/>  
</VerifyAPIKey>
```

# Key Validated

apieatery-1 What's new in the Proxy Editor

ACCESS THE CLASSIC VERSION OF PROXY EDITOR

OVERVIEW DEVELOP TRACE PERFORMANCE

Deployment to Trace Environment test, Revision 3 Stop Trace Session Remaining Time: 09:03 Download Trace Session Node.js Logs

Filters Transactions

Status	Method	URI	Elapsed
1 200	GET	/v1/apieatery/truc... apikey=ZTAv1i7zw...	300 ms

Send Requests

Method URL Status

GET http://terrytraininguser-test.apigee.net/v1/apieatery/trucks?apikey=ZTAv1i7zwU6GA15J79fbEq6nsOm1ytVc 200

Send Or Send with the API Console

Transaction Map

Transaction Map visualization showing a flow from a mobile device icon through various processing steps (represented by icons like a lock, a key, and a shield) to a final output icon. A timeline bar below the map indicates a duration of 34ms.

Phase Details

Phase Name	Method	URI
Verify API Key-1	GET	/v1/apieatery/trucks? apikey=ZTAv1i7zwU6GA15J79fbEq6nsOm1ytVc
Key Value Map Op	GET	/v1/apieatery/truc apikey=ZTAv1i7zwU6C

View Options

Transaction Map

- ☒ Show Disabled Policies (none)
- ☒ Show Skipped Phases (3)
- ☐ Show All FlowInfos (13)

Phase Details

- ☒ Automatically Compare Selected Phase
- ☒ Show Variables
- ☒ Show Properties

Variables

apigee.apiproduct.name	= NewProduct-1
apigee.client_id	= ZTAv1i7zwU6GA15J79fbEq6nsOm1ytVc
apigee.developer.app.name	= MyEateryApp-1
apigee.developer.email	= terrytraininguser@gmail.com
apigee.developer.id	= terrytraininguser@apigee.com

Output from all Transactions



# Thank You

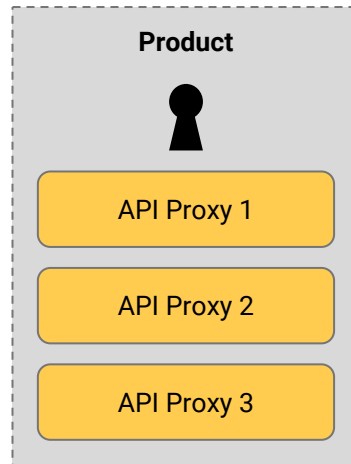
# Overview

API Proxy 1

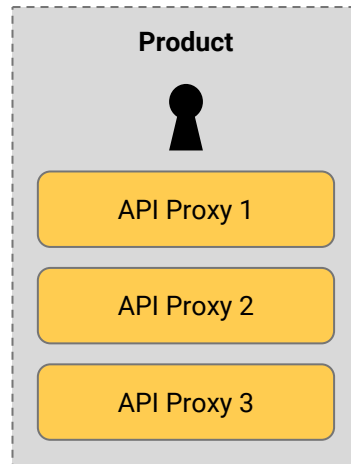
API Proxy 2

API Proxy 3

# Overview



# Overview





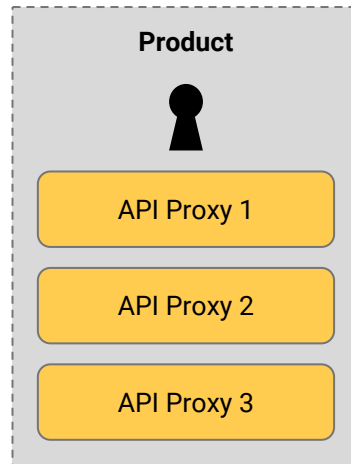
# Overview



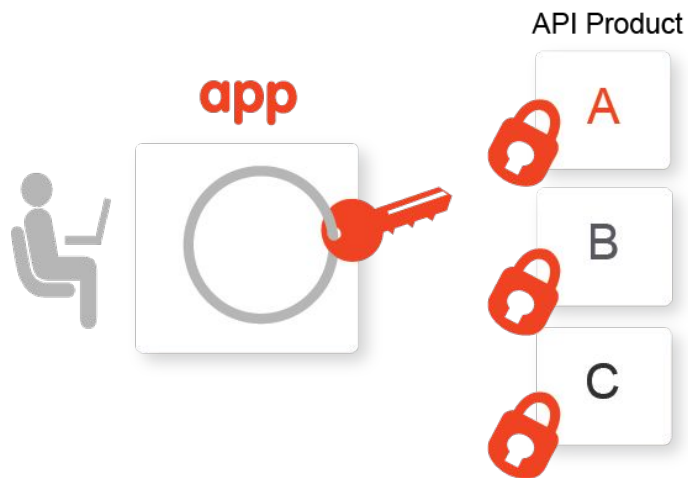
Apps



Developer



# Creating Developer App



# Use key to access APIs

## MyEateryApp-1

[↻ Regenerate Key](#)[✎ Edit](#)[✕ Delete](#)

### Developer App Details

**Name** MyEateryApp-1

**Display Name** MyEateryApp-1

**Registered** Jan 12, 2016 3:56:17 PM

**Developer** [Terry Trainer \(terrytraininguser@gmail.com\)](#)

**Callback URL**

**Notes**

### Products

Product	Status	Consumer Key	Consumer Secret
<a href="#">NewProduct-1</a>	Approved	ZTAv1i7zwU6GA15J79fbEq6nsOm1ytVc <a href="#">Hide</a>	At0nhtelJcLAIGWA <a href="#">Hide</a>

### Custom Attributes

Name	Value
------	-------