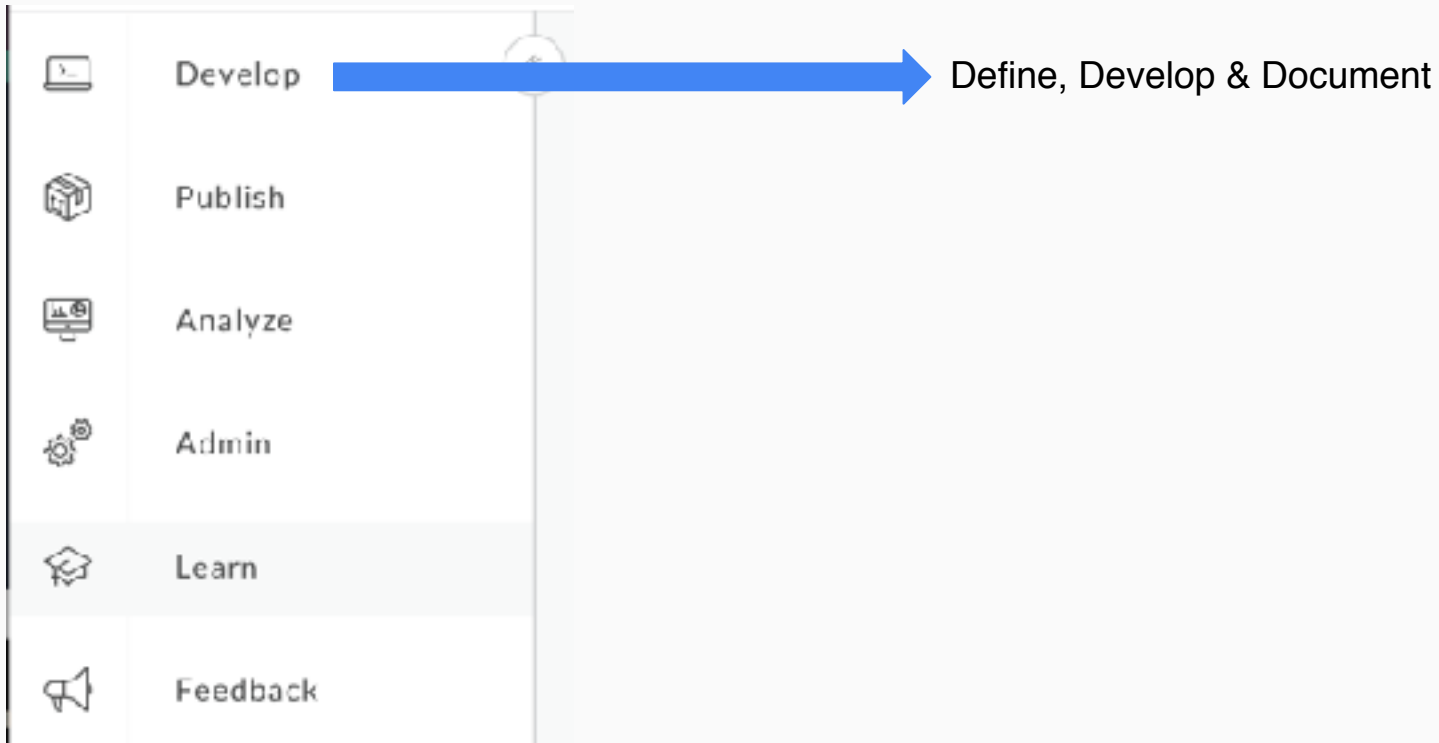




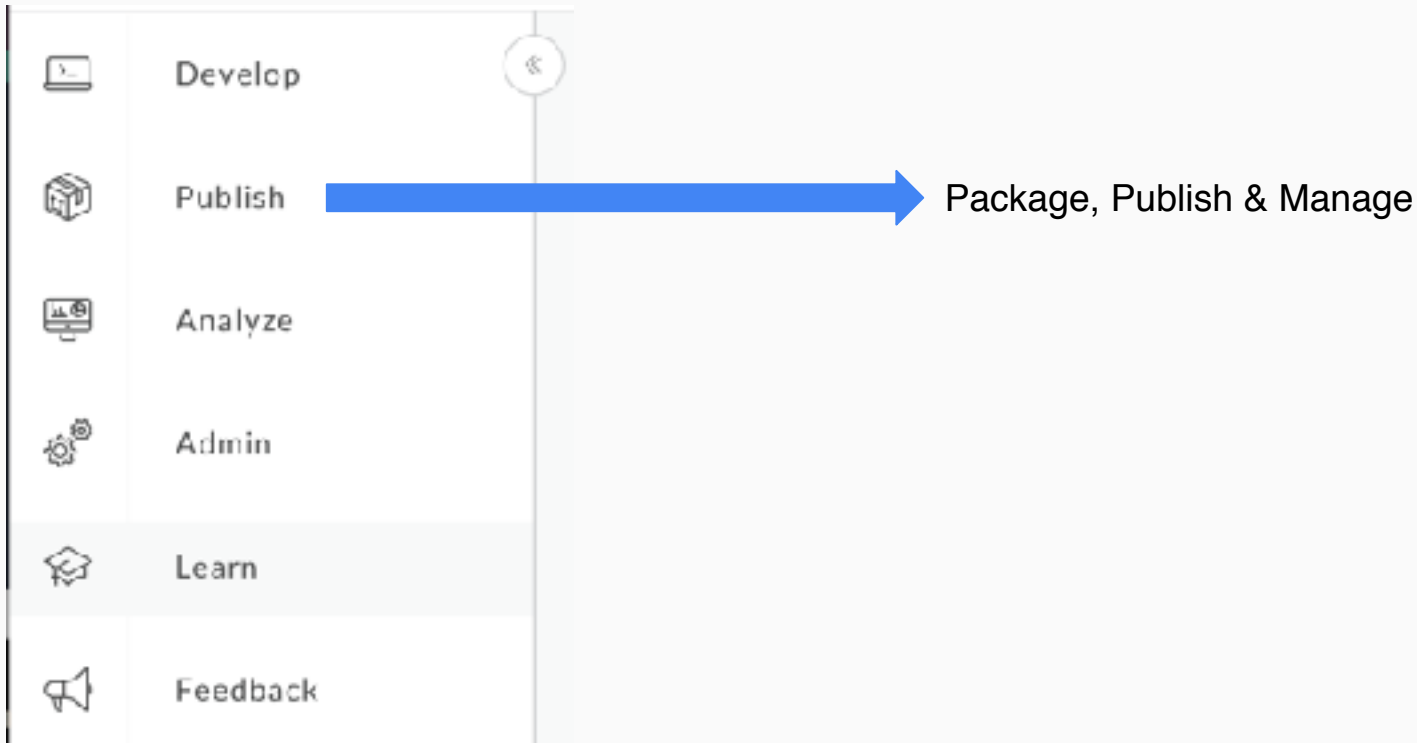
Edge Overview Series

Management UI

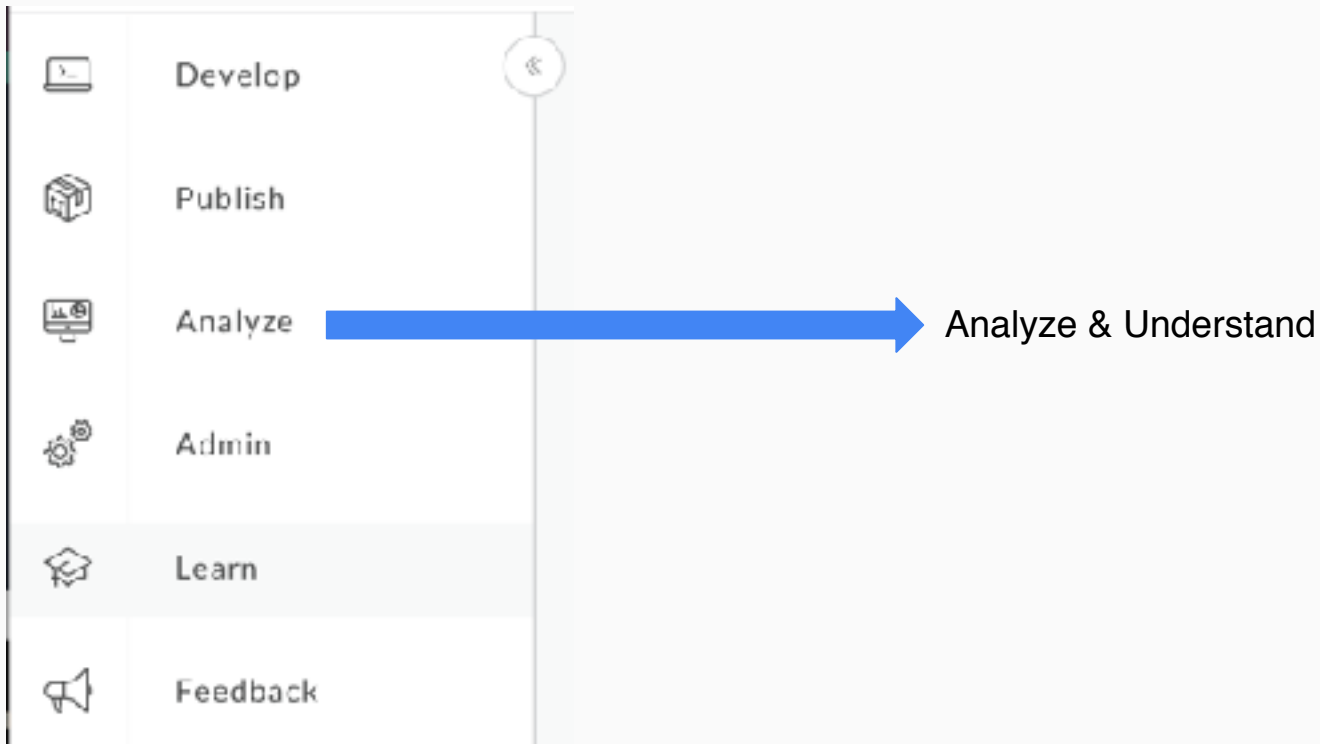
Application Segments



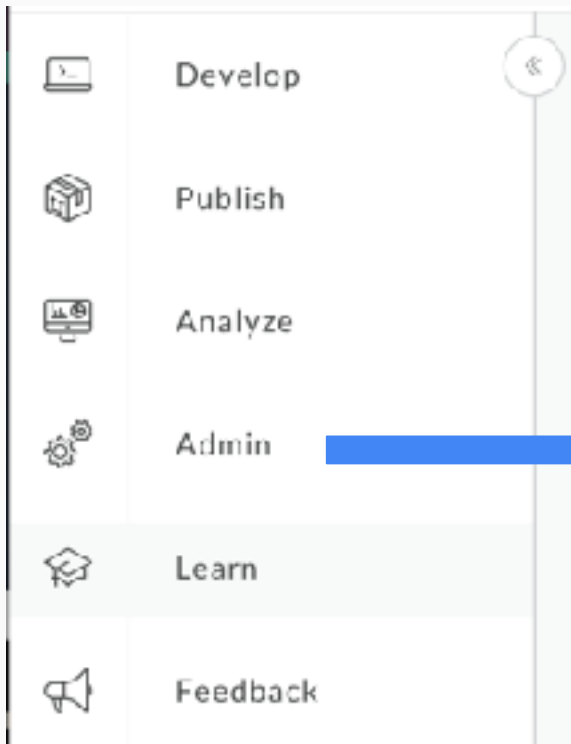
Application Segments



Application Segments

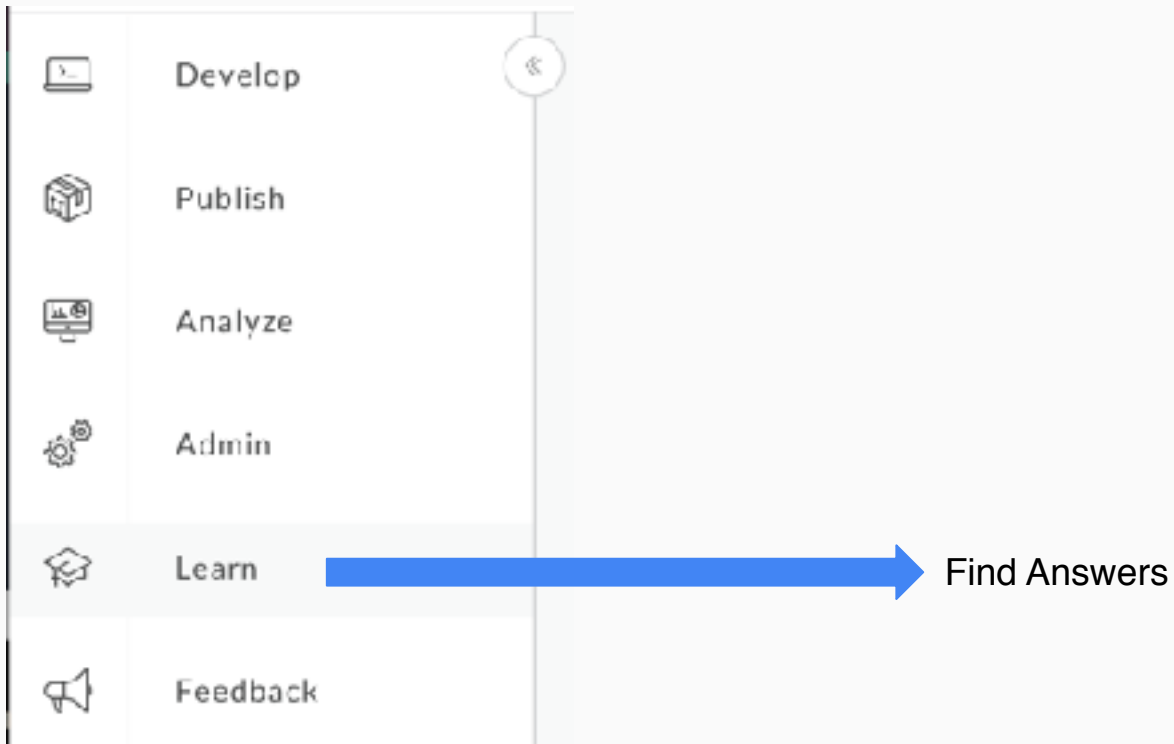


Application Segments










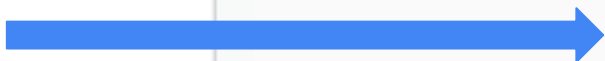
Administrate & Control Management UI

Application Segments



Application Segments

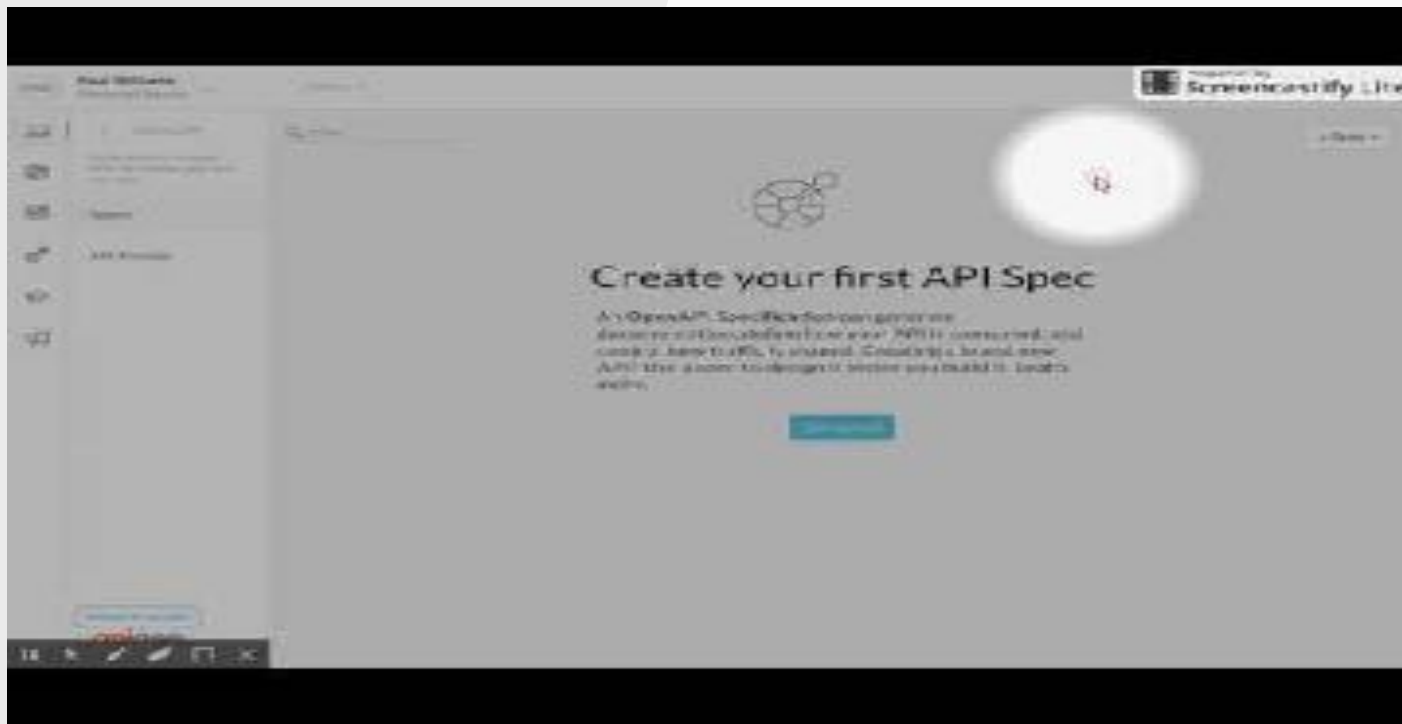
	Develop	
	Publish	
	Analyze	
	Admin	
	Learn	
	Feedback	



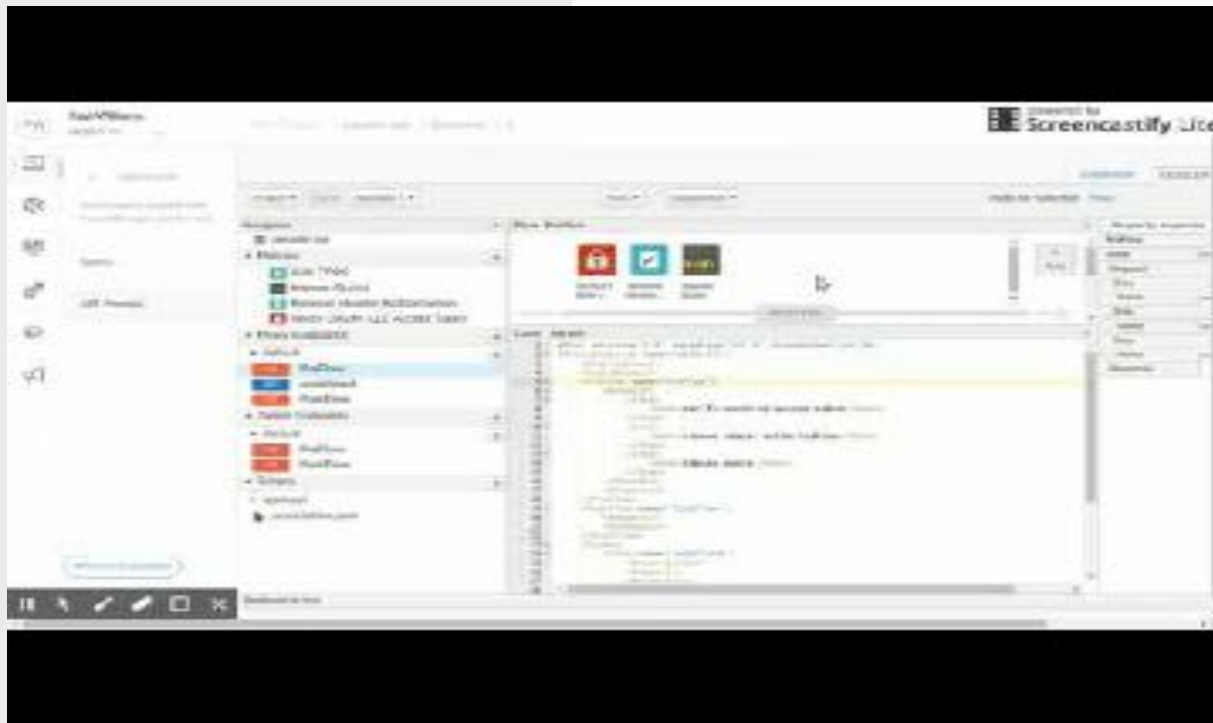
Improve the Product

Development of API Specs & Proxies

Create an Open API Specification



Create a new Proxy



Package, Publish & Manage

Developer Management

- Developers are entities who create applications that use your APIs
- Developers are individual creators
- Developers can be bound to specific SLA groups, Quota groups and/or other restrictions
- Custom attributes can be bound to developers for use in API logic

Manage Developers

Paul Williams
apigee-ads

Developers

Search by anything

Add New Developer

1 - 25 of 30

NAME	EMAIL	USERNAME	APPS	MEMBER SINCE
aran patna	aranpatna@gmail.com	aranpatna@gmail.com	U	6 months ago
Akul Parmar	parmar.aku@anthem.com	akumar2015	0	9
Rkashth Kumar	rkashthkumar@gmail.com	rkashth	1	7 years ago
Biruk K	jrvthirbiruk@gmail.com	biruk	0	15 days ago
Bindukalanadi sridakara...	bindukalanadi@gmail.com	bindukalanadi	U	15 days ago
Braesh De	braesh@apigee.com	braesh	5	2 years ago
Chris Novak	cnovak@apigee.com	cnovak	0	2 years ago
Chris2 Novak2	cnovak2@apigee.com	cnovak2	0	2 years ago
Demo User	demo@apigee.com	demo	0	2 years ago
dev1 dev1	1@1.com	akara	0	2 months ago

Developer List

Manage Developers

PW

Paul Williams

Developers

@apigee.com

+Developer

Engage developers with rapid publishing tools for your API program.

Developers

Apps

API Products

Portals

1 - 25 of 123

NAME	EMAIL	USERNAME	APPS	MEMBER SINCE																																										
Aaron J	a@apigee.com	@apigee.com	4																																											
<div><div>DETAILS</div><div><table><thead><tr><th>PROPERTY</th><th>VALUE</th></tr></thead><tbody><tr><td>First Name</td><td>Aaron</td></tr><tr><td>Last Name</td><td>J</td></tr><tr><td>Email</td><td>a@apigee.com</td></tr><tr><td>Username</td><td>a@apigee.com</td></tr><tr><td>Status</td><td>Active</td></tr><tr><td>Member Since</td><td>4 years ago</td></tr><tr><td>Developer ID</td><td>e8nKvYUFeYt3WQ</td></tr></tbody></table></div><div><div>+ CUSTOM ATTRIBUTES</div><table><thead><tr><th>NAME</th><th>VALUE</th></tr></thead><tbody><tr><td>lastModified</td><td>2012-03-24 03:...</td></tr><tr><td>lastModified</td><td>@apigee.c...</td></tr><tr><td>creationDate</td><td>2012-03-24 03:...</td></tr><tr><td>QuotaLimit</td><td>1000</td></tr><tr><td>MINT_COMP...</td><td></td></tr><tr><td>MINT_BILLIN...</td><td>PREPAID</td></tr><tr><td>MINT_DEVEL...</td><td></td></tr></tbody></table></div><div><div>APPS</div><table><thead><tr><th>NAME</th><th>KEYS REGISTERED</th></tr></thead><tbody><tr><td>a@apigee.com</td><td>1 4 years ago</td></tr><tr><td>Test App</td><td>2 1 year ago</td></tr><tr><td>Test App</td><td>1 1 year ago</td></tr><tr><td>Test App</td><td>1 8 months ago</td></tr></tbody></table></div></div>					PROPERTY	VALUE	First Name	Aaron	Last Name	J	Email	a@apigee.com	Username	a@apigee.com	Status	Active	Member Since	4 years ago	Developer ID	e8nKvYUFeYt3WQ	NAME	VALUE	lastModified	2012-03-24 03:...	lastModified	@apigee.c...	creationDate	2012-03-24 03:...	QuotaLimit	1000	MINT_COMP...		MINT_BILLIN...	PREPAID	MINT_DEVEL...		NAME	KEYS REGISTERED	a@apigee.com	1 4 years ago	Test App	2 1 year ago	Test App	1 1 year ago	Test App	1 8 months ago
PROPERTY	VALUE																																													
First Name	Aaron																																													
Last Name	J																																													
Email	a@apigee.com																																													
Username	a@apigee.com																																													
Status	Active																																													
Member Since	4 years ago																																													
Developer ID	e8nKvYUFeYt3WQ																																													
NAME	VALUE																																													
lastModified	2012-03-24 03:...																																													
lastModified	@apigee.c...																																													
creationDate	2012-03-24 03:...																																													
QuotaLimit	1000																																													
MINT_COMP...																																														
MINT_BILLIN...	PREPAID																																													
MINT_DEVEL...																																														
NAME	KEYS REGISTERED																																													
a@apigee.com	1 4 years ago																																													
Test App	2 1 year ago																																													
Test App	1 1 year ago																																													
Test App	1 8 months ago																																													

| Adrian M | a@apigee.com | @apigee.com | 8 | 4 years ago |
| AK AK | @apigee.com | @apigee.com | 5 | 3 years ago |

Add New Developer

Remove Developer

Developer Info

App Management

- Apps are the applications created by Developers that use your APIs
- Apps relate to API proxies by way of API products
- Custom attributes can be applied to Apps for use in API logic
- Apps are secured by a consumer key and consumer secret

Manage App List

Paul Williams

Apps

+ App

1 - 25 of 46

NAME	DEVELOPER	REGISTERED SINCE
1340600351964	Trig	4 years ago
1349057571007	Amit	4 years ago
1349057470064	Amit	4 years ago
454100253682	am	4 years ago
sumtest	Aamr	4 years ago
akak test	ak ak	3 years ago
Apigee	ak ak	3 years ago
bot_test_1	Michael	2 years ago
bot_test_2	Michael	2 years ago
bot test 3	Michael	2 years ago

SWITCH TO CLASSIC

api.cee

Add New App

App Summary Info

Manage App Details

The screenshot shows the 'Developer App Details' page for an app named 'aurotest'. The interface includes a sidebar with navigation links for 'Engage', 'Developers', 'Apps', 'API Products', and 'Portals'. The main content area displays the app's details and a table of credentials.

Developer App Details

- Name: aurotest
- DisplayName: Aurotest
- Registered: Mar 3 2013 8:11 PM
- Developer: Auro [redacted]@apigee.com
- App Status: Approved
- Callback URL: http://localhost:8080
- Notes:

Credentials

Issued	Expiry	Consumer Key	Consumer Secret	Status
	Never	ed4agkCB [redacted] ZSz4HGCKonfn1eGL7	2 [redacted] n6bLh	Approved
Products				
My [redacted] Mobile				Approved
OAuthTest				Approved

Custom Attributes

NAME	VALUE
Developer	[redacted]@apigee.com
OAuthMethod	

Annotations with arrows point from the following text to specific elements in the screenshot:

- Consumer Key & Secret for OAuth** points to the 'Consumer Key' and 'Consumer Secret' columns in the Credentials table.
- Products the App Can Access** points to the 'Products' section of the Credentials table.
- Attributes Bound to App** points to the 'Custom Attributes' table.

API Product Management

- API Products are collections of API endpoints bundled by utility and usable by Apps to build a user experience
- API Products can have Quota limits applied to them
- API Products can be monetized
- Custom Attributes can be applied to API Products for use in API logic

API Product List

The screenshot shows the Apigee API Product List interface. At the top, the user is logged in as Paul Williams (apigee-cs). The page title is "API Products". On the right, there is a button to "+ API Product". Below the header, there is a search bar and a filter dropdown set to "All". The main content area displays a table of API products. The table has three columns: "DISPLAY NAME", "DESCRIPTION", and "MODIFIED". The products listed are: AdPartnerProduct (modified 5 months ago), Alex OAuth Shop (modified 4 year ago), Cheap API Product (modified 3 years ago, description: Cheap API Product), dbc-mint Product (modified 3 months ago, description: dbc-mint Product), dbc-mint-miron Product (modified 2 months ago, description: dbc-mint-miron Product), default (modified 4 year ago), EngmtAPIProduct (modified 7 months ago), Example-Title-Product (modified 3 days ago, description: Example-Title-Product), [REDACTED] Resource (modified 7 years ago), and Expensive API Product (modified 5 years ago, description: Expensive API Product). The Apigee logo is visible in the bottom left corner of the interface.

FW Paul Williams apigee-cs API Products + API Product

PUBLISH

Engage developers with your publishing tools for your API program.

Developers

Apps

API Products

Portals

1 - 25 of 42

DISPLAY NAME	DESCRIPTION	MODIFIED
AdPartnerProduct		5 months ago
Alex OAuth Shop		4 year ago
Cheap API Product	Cheap API Product	3 years ago
dbc-mint Product	dbc-mint Product	3 months ago
dbc-mint-miron Product	dbc-mint-miron Product	2 months ago
default		4 year ago
EngmtAPIProduct		7 months ago
Example-Title-Product	Example-Title-Product	3 days ago
[REDACTED] Resource		7 years ago
Expensive API Product	Expensive API Product	5 years ago

CREATE NEW PRODUCT

apigee

API Product Detail

Product Details

Name: Exclusive Product

Display Name: Exclusive API Product

Description: Exclusive API Product

Lifecycle: ☒ Not ☐ Good

Access: Public

Key Space and Type: Automatic

Quota: 100000 requests per month

Allowed OAuth Scopes: OAuth

Resources

Path: /resources/paths

Method: GET

Access: automatic

Custom

Attribute	Value
exclusiveProduct	automatic
exclusiveProduct	only
exclusiveProduct	only
exclusiveProduct	only

Developer Apps

App	Created	API	API	API
Google App	Aug 21, 2012 3:04:01 PM	App used	App used	App used
Google App	Aug 21, 2012 11:46:39 AM	App used	App used	App used

Product Configuration Details

API Endpoint Path & Proxies Controlled by Product

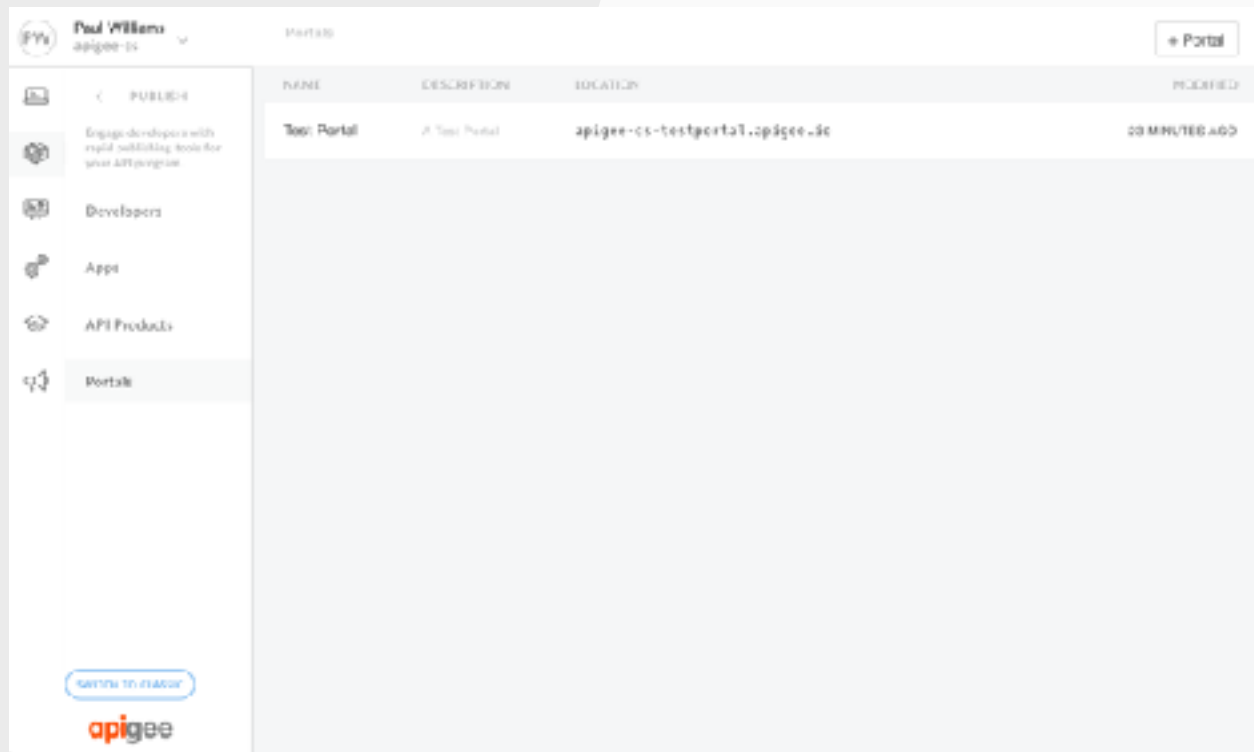
Custom Attributes Bound to Product

Apps that take advantage of product

Developer Portal Publication Management

- Developer Portal allows creators of applications to discover your APIs
- Used for both internal and external consumers
- Allows teams to register applications, and manage their consumer keys (a.k.a API keys)
- Manages and publishes documentation for APIs
- Manages developer acceptance of TOCs and other usage criteria

Developer Portal List

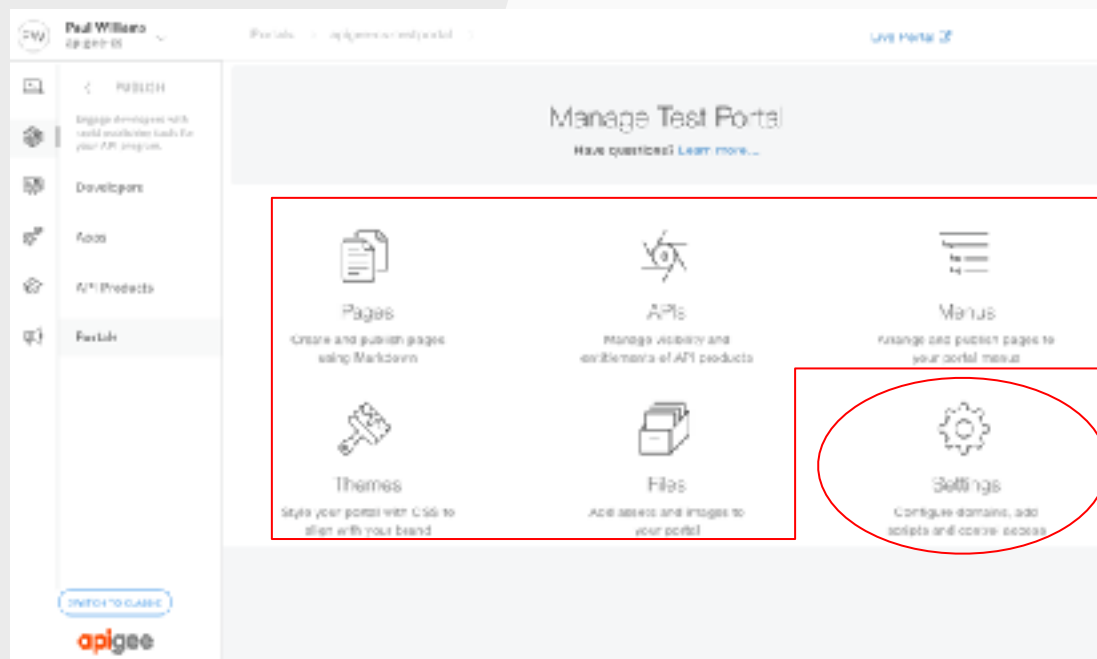


The screenshot displays the Apigee Developer Portal interface. At the top, the user 'Paul Williams' is logged in. A sidebar on the left contains navigation links: 'Engage developers with rapid publishing tools for your API program', 'Developers', 'Apps', 'API Products', and 'Portals' (which is highlighted). A '+ Portal' button is located in the top right corner. The main content area features a table with the following columns: NAME, DESCRIPTION, LOCATION, and CREATED. One entry is visible in the table:

NAME	DESCRIPTION	LOCATION	CREATED
Test Portal	A Test Portal	apigee-cs-testportal.apigee.io	23 MINUTES AGO

At the bottom of the sidebar, there is a 'SWITCH TO FLAG' button and the Apigee logo.

Developer Portal Management



Content Management

Site Administration

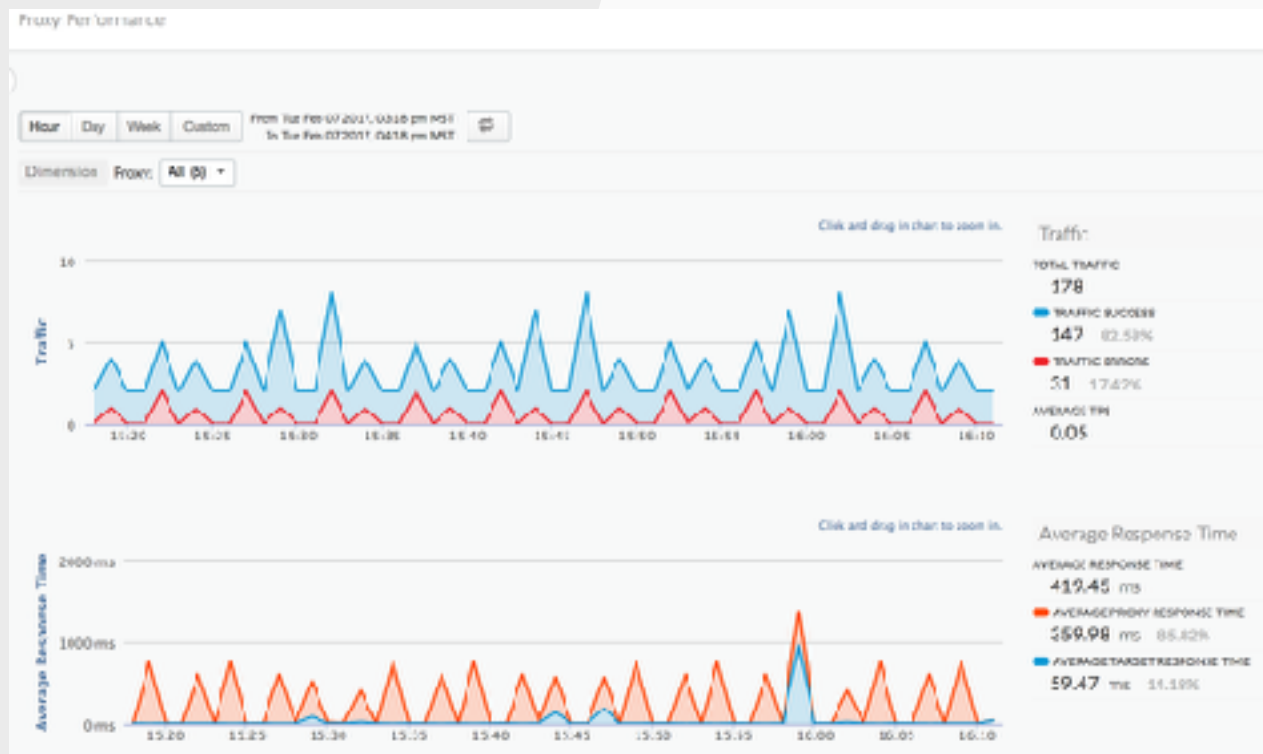
Analyze

Analysis & Detailed Usage Information

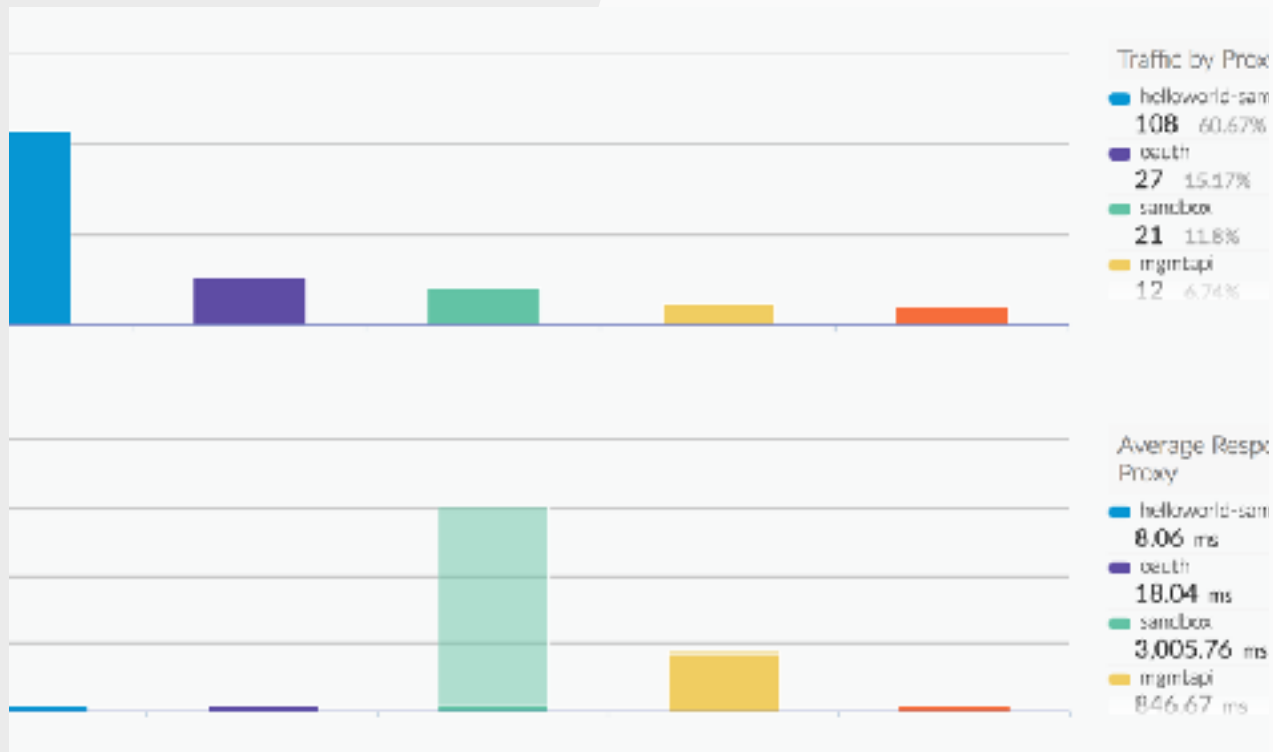
- Proxy Performance
- Business Transactions
- Cache Performance
- Developer Engagement
- Devices
- Error Codes
- Geo Map
- Latency Analysis
- Reports
- Target Performance
- Traffic Composition

More info on this topic and lab will be covered in the "Edge Analytics Services" topic as part of Edge Analytics & Logging Course

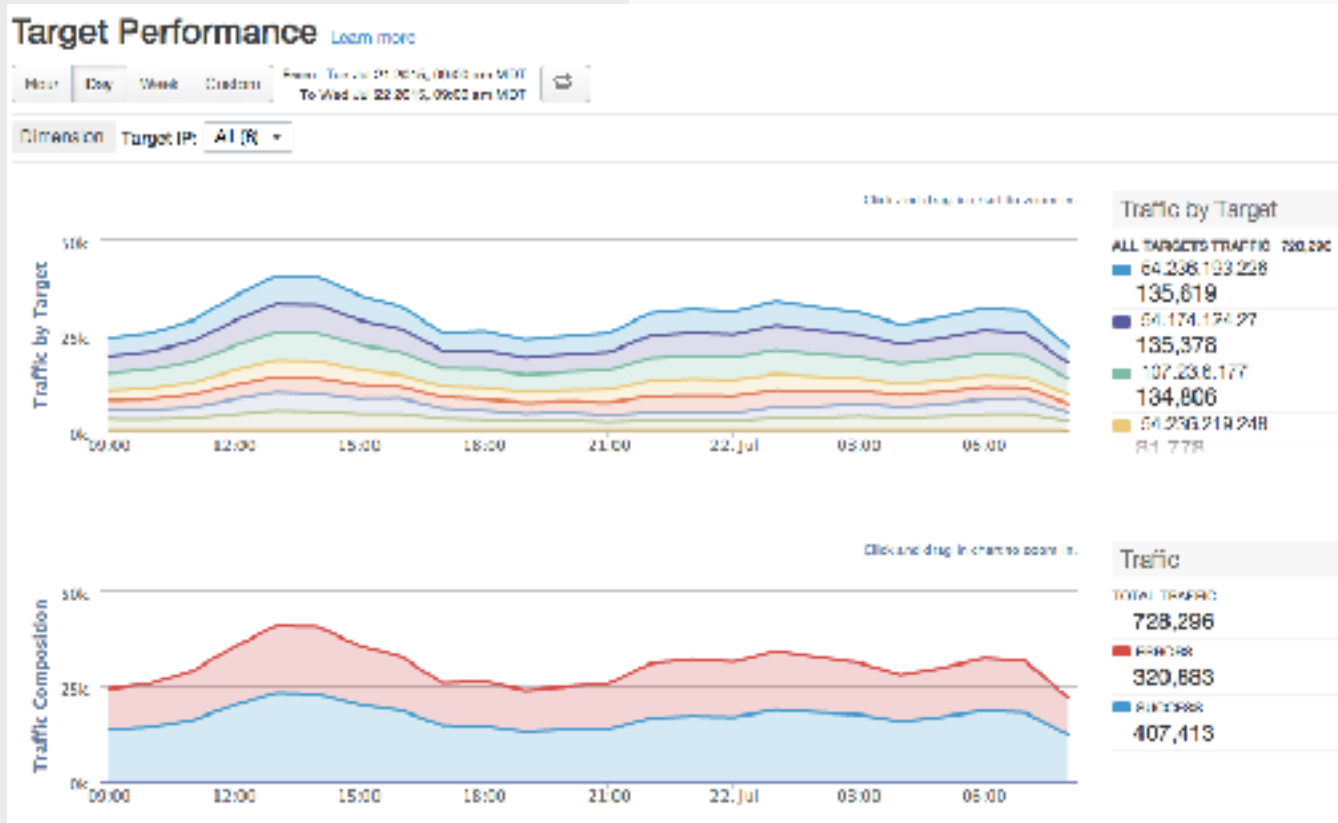
Proxy Performance



Traffic by Proxy & Response Times



Target Performance



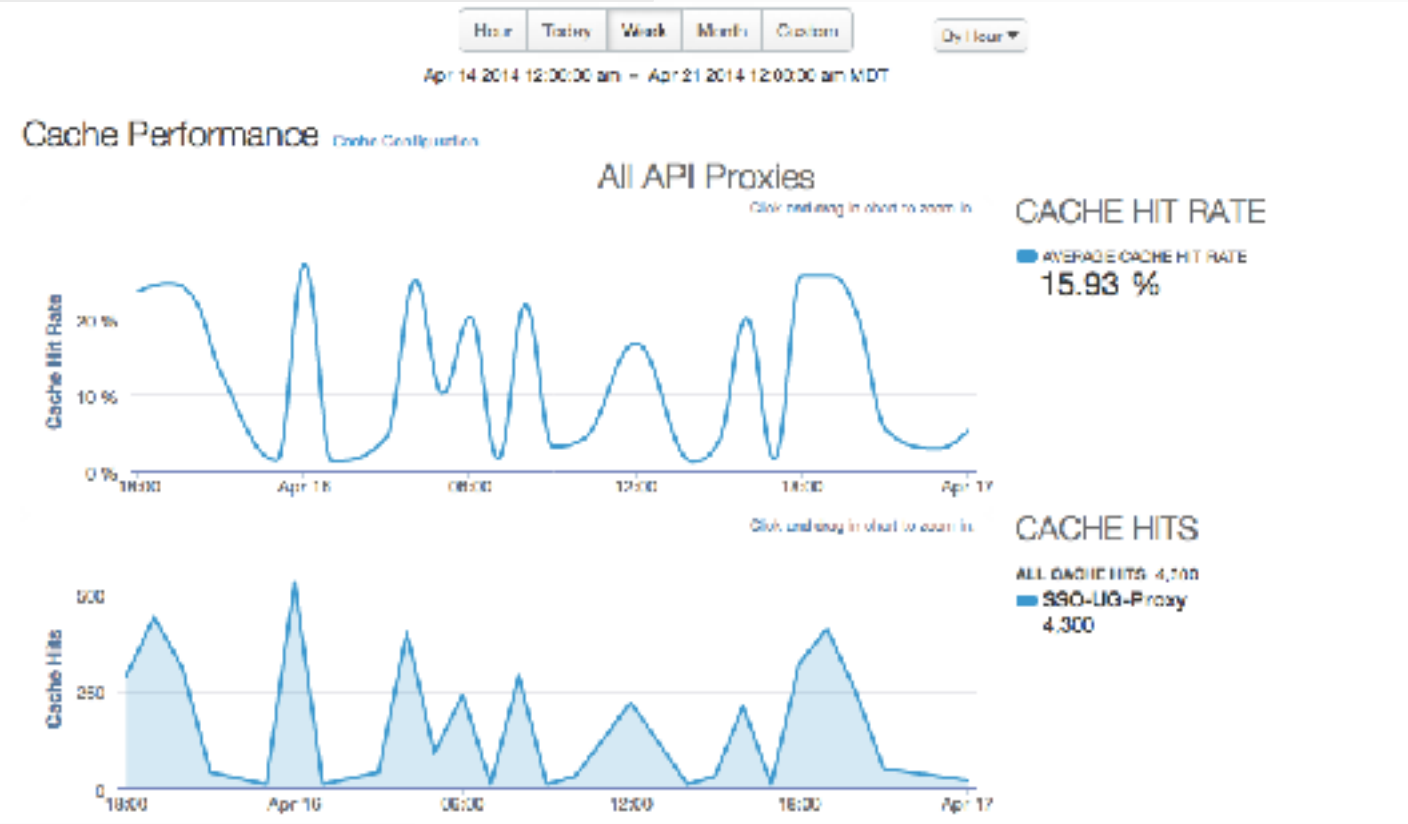
Latency Analysis



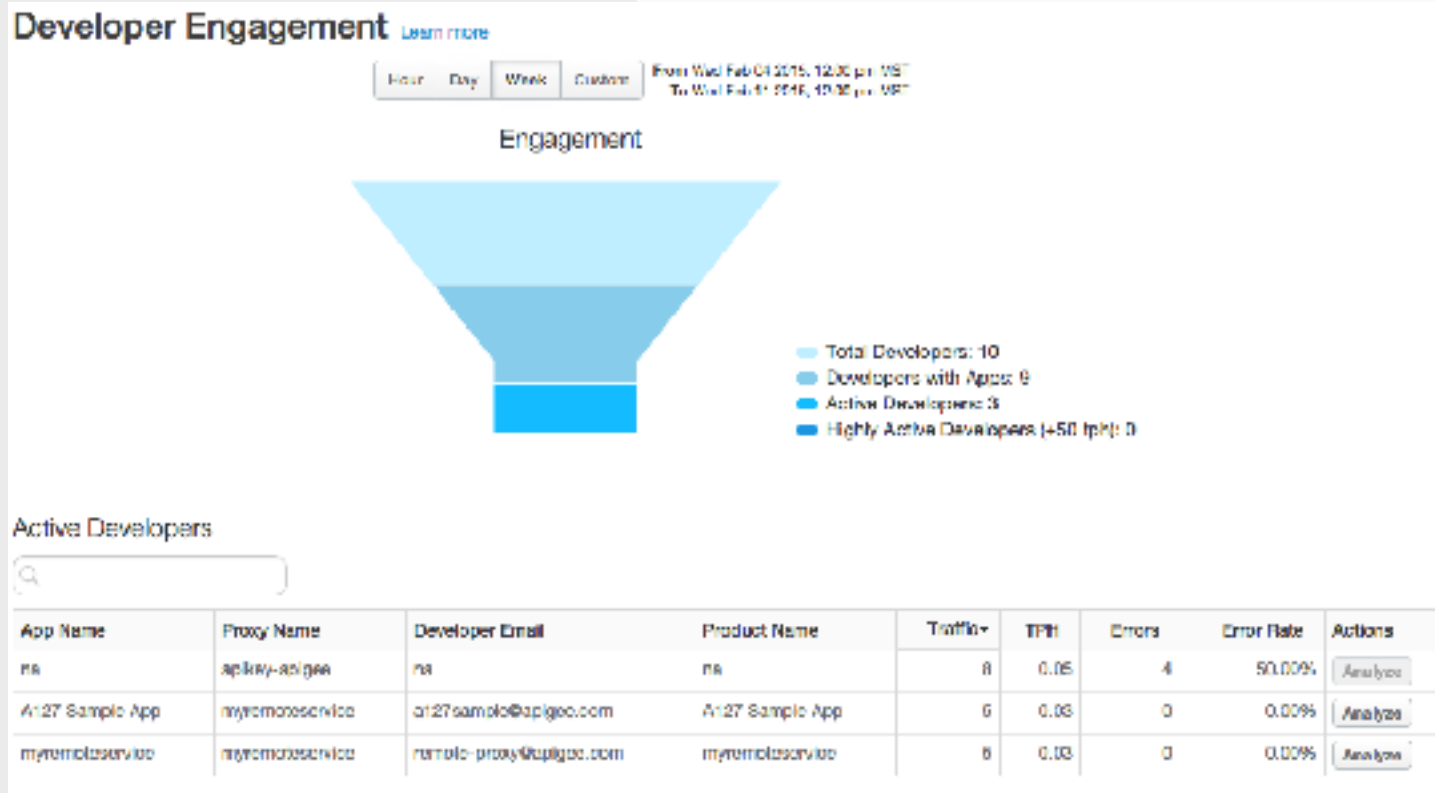
Business Transactions



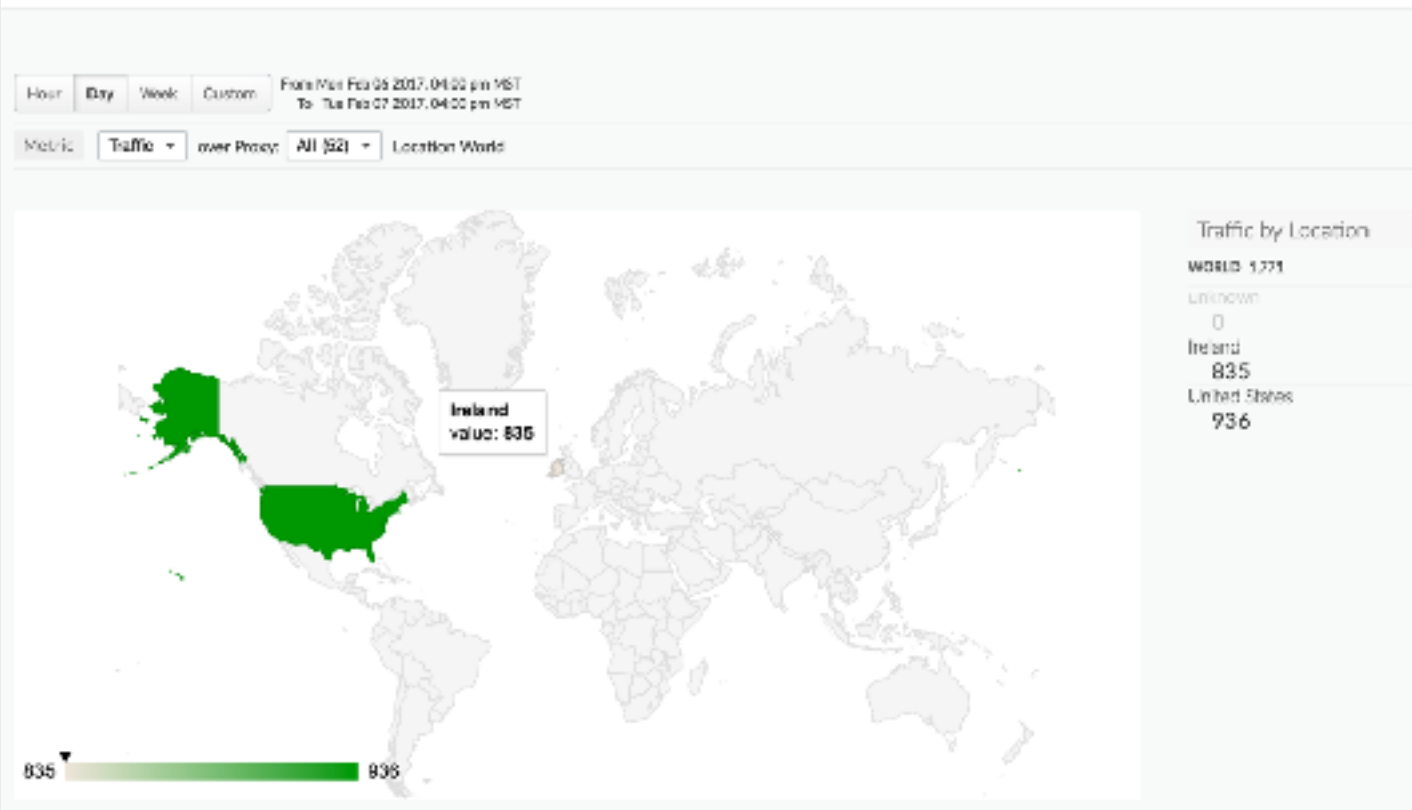
Cache Performance



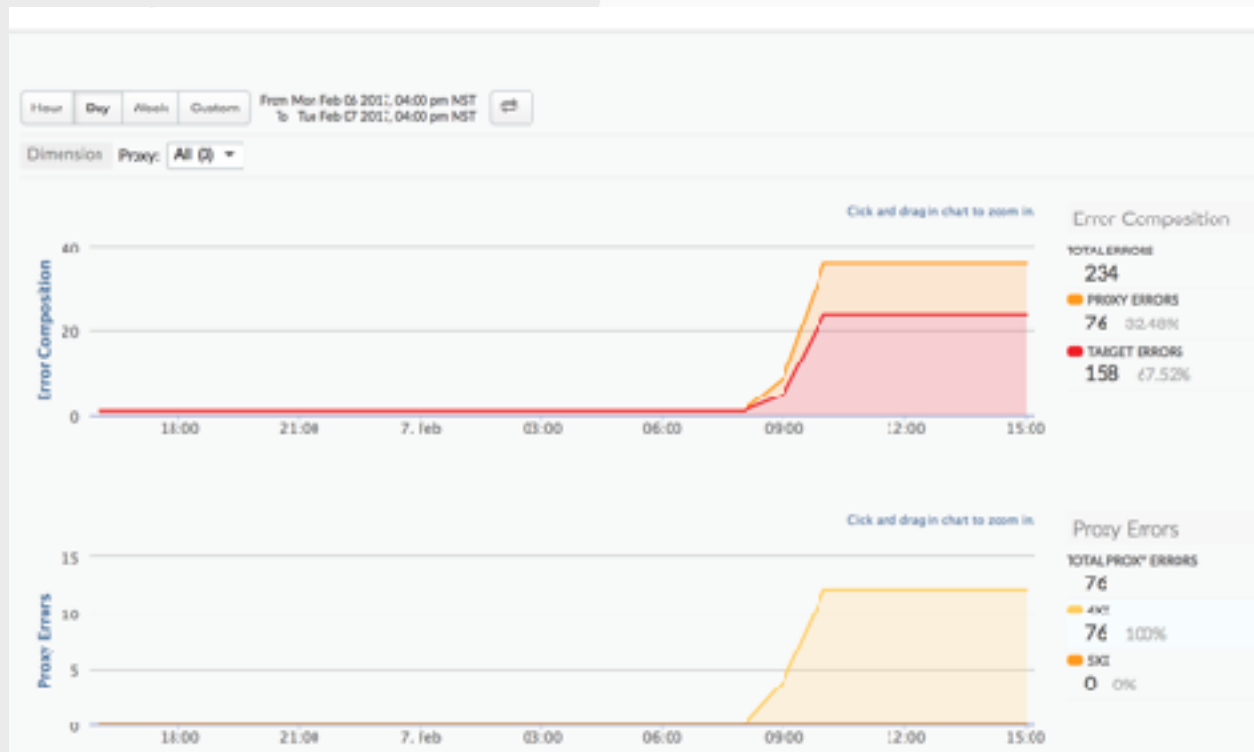
Developer Engagement



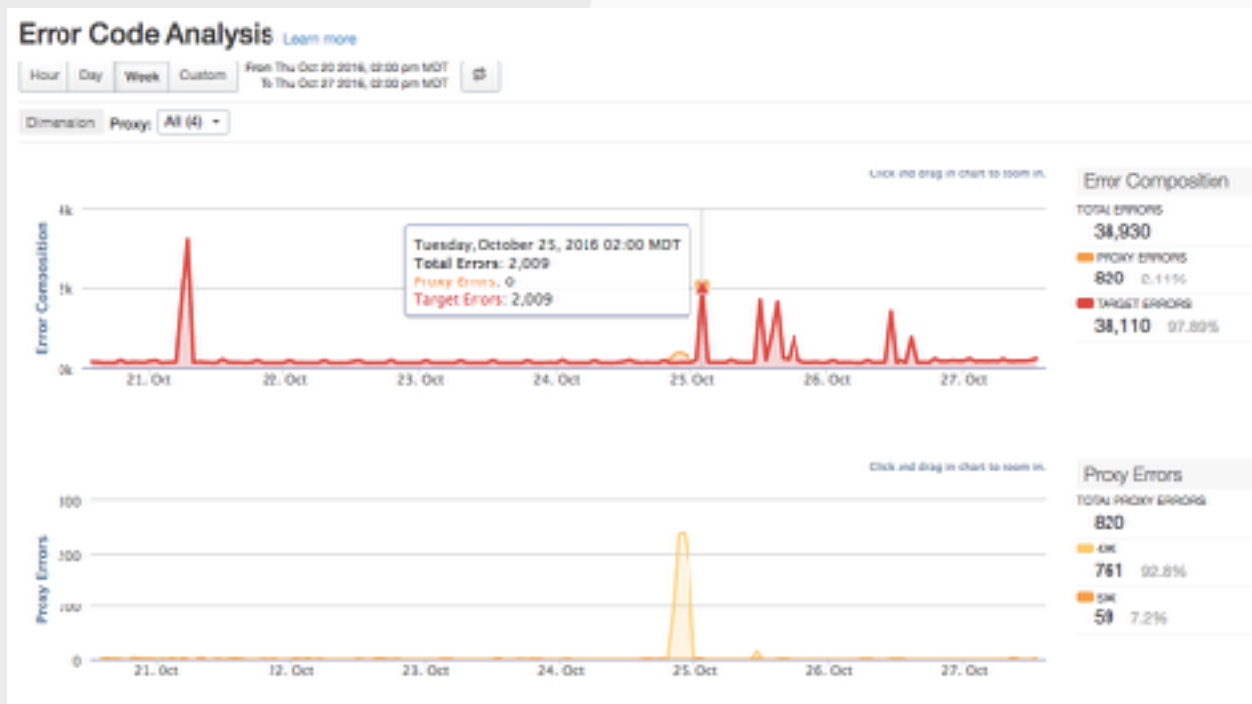
Geomap



Error Analysis



Error Analysis



Custom Reports

Custom Reports

Custom Reports						
<input type="text"/>				+ Custom Report		
Report Name	Environment	Metric	Report Description	Last Modified	Actions	
500 Errors	test, prod	Sum of Cache Hit, Sum of Proxy Errors		Nov 11, 2014 2:05:17 PM	X Delete	Roles
Backend Vs FrontEnd Response Time	test, prod	Average of Total Response Time, Average of Target Response Time		Nov 11, 2014 8:46:07 AM	X Delete	Roles
TrafficByProduct	test, prod	Sum of Traffic		Nov 11, 2014 8:45:09 AM	X Delete	Roles
cache analysis	test, prod	Sum of Cache Hit		Nov 3, 2014 8:45:45 AM	X Delete	Roles
DemoReport	test, prod	Sum of Traffic		Nov 3, 2014 8:45:39 AM	X Delete	Roles
Cache Hit with API Proxy and App drill down	test, prod	Sum of Cache Hit		Nov 3, 2014 8:44:27 AM	X Delete	Roles
API by Target	test, prod	Sum of Traffic, Average of Total Response Time		Nov 3, 2014 8:44:20 AM	X Delete	Roles
CategoryIDReportByIP	test, prod	Sum of Traffic		Nov 3, 2014 8:44:09 AM	X Delete	Roles
Authentication errors	test, prod	Sum of Proxy Errors	Operations Report Pack (Error Analysis)	Nov 3, 2014 8:42:52 AM	X Delete	Roles
CategoryCustomReportSample	test, prod	Sum of Traffic		Nov 3, 2014 8:42:21 AM	X Delete	Roles
API requests (URLs) with most errors	test, prod	Sum of Proxy Errors	Operations Report Pack (Error Analysis)	Nov 3, 2014 8:41:58 AM	X Delete	Roles
CategoryReport	test, prod	Sum of Traffic		Nov 3, 2014 8:41:41 AM	X Delete	Roles

Administrate

Users & Roles Management

- Users who can access the Edge platform and use it to manage APIs
- Roles assigned to those users that describe the entitlements

List of Users

Full Platform

apigee-01

Organization Users

Manage roles, permissions, and access to your organization

Users

Roles

Environments

Audit Logs

Switch to Classic

apigee

Search:

1-25 of 43

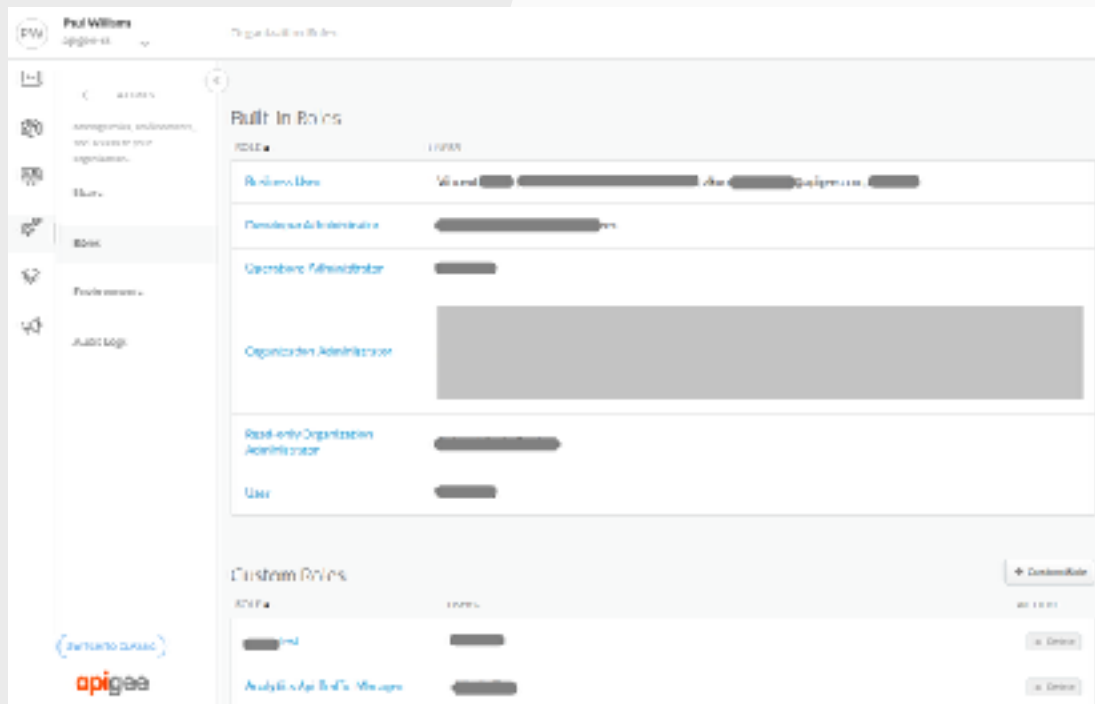
<

>

→

NAME	ID	EMAIL	ROLE	ACTIONS
Admin		@apigee.com	Organization Administrator	Remove
		@apigee.com	Business User	Remove
		@apigee.com	Organization Administrator	Remove
Mike		@apigee.com	Organization Administrator	Remove
Steve		@apigee.com	Business User, since 1987	Remove
Arjit		@apigee.com	Organization Administrator	Remove
APICEE Arjit		@apigee.com	Organization Administrator	Remove
APICEE Gokul		@apigee.com	Organization Administrator	Remove
APICEE Jagjit		@apigee.com	Organization Administrator	Remove
APICEE Michael		@apigee.com	Organization Administrator	Remove

List of Roles



Built-in Role Entitlement Management

Paul Williams
apigee@apigee.com

Organization: Eolo - Operators Administrator

AD-H-M

Permissions

RESOURCE	PATH	OPERATION
Organizational resource	/	GET
Products	/products	GET
API Product	/applications	GET
Deploy API to any environment (deprecated 2017)	/api/products/*to deploy/*to implement/*	POST
Developer Portal	/portal	GET
Analytics Custom Reports	/analytics/reports	GET
Console GUI	/console	GET
Deployments	/deployments	GET
Developers	/developers	GET
Environments (API Products)	/api/products/*to deploy/*to implement/*	POST

api.g.ee

Google Cloud



Environment Management

- Configure environments for development, testing, performance, production etc.
- Environments hold unique configurations by-name for
 - Cache Rules
 - Key-Value Configurations for use by Proxies
 - Target Servers, to configure service endpoints for use by proxies
 - Virtual host names, ports and details for environments

List of Caches

The screenshot displays the Apigee Admin console interface. At the top, the user 'Paul Williams' is logged in. The breadcrumb navigation shows 'Environments > prod'. The main heading is 'Environment Configuration prod'. Below this, there are tabs for 'Caches', 'Key Value Maps', 'Target Servers', and 'Virtual Hosts'. The 'Caches' tab is active, showing a table of configured caches. The table has columns for 'Name', 'Description', 'Eviction Policy', 'Expiration', and 'Actions'. There are five rows of cache configurations. A 'Scale' button is visible in the top right corner of the table area. The left sidebar contains navigation links for ADMIN, Manage environments, Users, Help, Environments (selected), and Audit Logs. The Apigee logo is at the bottom left of the sidebar.

Name	Description	Eviction Policy	Expiration	Actions
api-service-cache	Default cache for the Backend using enabled Edge services	Timeout in Seconds	300s	Scale
cache-service-cache	Default cache for the	Timeout in Seconds	300s	Scale
paginationCache	Result pagination cache	Time of Day	00:00:00	Scale
noops_cache		Time of Day	00:00:00	Clear
testcache	testcache	Timeout in Seconds	300s	Clear

Key-Value Maps for Environment

The screenshot shows the Apigee console interface. On the left is a sidebar with navigation links: Home, ADD NEW, Manage users, environments, and organizations, REGIONS, Roles, Environments (selected), and Audit Logs. At the bottom of the sidebar is a button 'IMPORT TO CLOUD' and the Apigee logo.

The main content area has tabs: Caches, Key Value Maps (selected), Target Servers, and Virtual Hosts. A '+ Key Value Maps' button is in the top right.

Below the tabs, there's a section for 'EXAMPLE' with a list of key-value pairs:

- Token
- BusinessUnit
- alias

Each item has a 'Delete' button.

Below this is a table of key-value pairs for the selected environment. The table has columns: KEY, VALUE, and ACTION.

KEY	VALUE	ACTION
_token_client_id	[REDACTED]	[X] Delete
_token_secret	[REDACTED]	[X] Delete
_token_username	[REDACTED]	[X] Delete
_target_hostname	[REDACTED]	[X] Delete
_pic_username	[REDACTED]	[X] Delete
_pic_password	[REDACTED]	[X] Delete

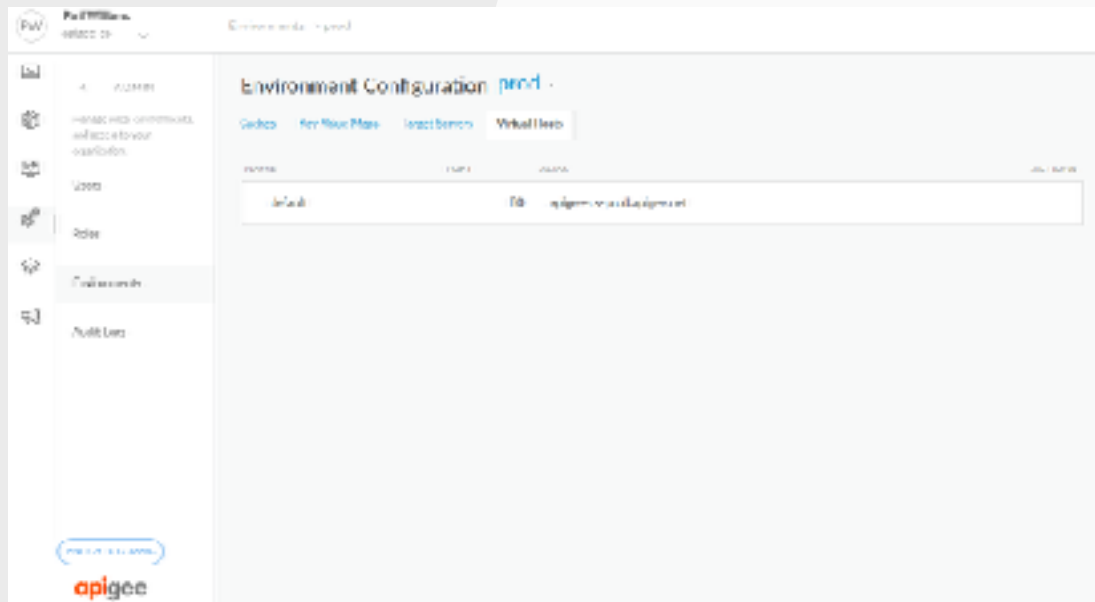
Named Target Server Configurations

The screenshot displays the Apigee console interface for configuring a named target server in the 'prod' environment. The left sidebar contains navigation links for 'Home', 'Environments', 'APIs', 'API Products', 'API Keys', 'API Clients', 'API Destinations', and 'API Logs'. The main content area is titled 'Environment Configuration' and includes tabs for 'Targets', 'Key Values', 'Target Servers', and 'Virtual Hosts'. A table lists the configured target servers:

NAME	URL	API KEY	API CLIENT
colendata	www.apigee.com	API	
mytargetserver	api.mytargetserver.com	API	

At the bottom of the console, there is a 'SWITCH TO CLASSIC' button and the Apigee logo.

Virtual Host Information



Audit Logs

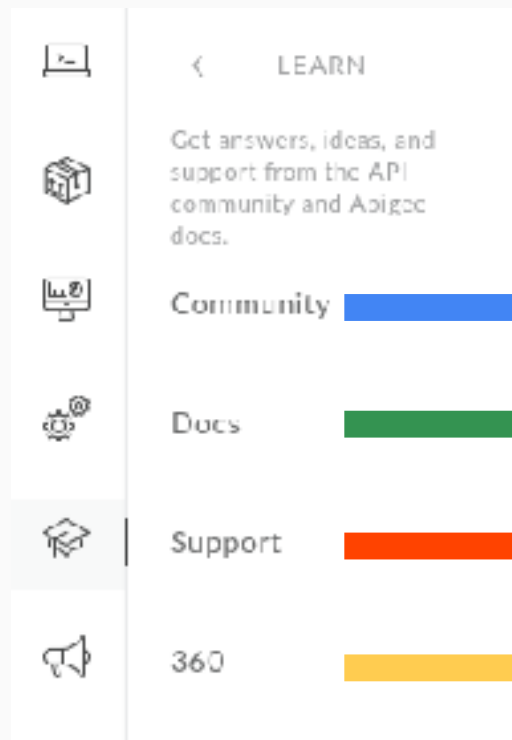
- Searchable, immutable list of actions taken, on which day, by which user and the result.

The screenshot displays the Apigee Audit Logs interface. At the top, the user 'Paul Williams' is logged in. The left sidebar contains navigation links for 'Users', 'Environments', and 'Audit Logs'. The main content area shows a table of audit logs for the period 'Dec 04, 2015 - Dec 15, 2015'. The table has columns for 'DESCRIPTION', 'TIME', 'USER', and 'STATUS'. The actions listed include creating developers, creating products, and updating user-defined environments. Each entry shows the action taken, the time it occurred (all 'a month ago'), the user who performed it, and the status (e.g., 201, 200, 204).

DESCRIPTION	TIME	USER	STATUS
Create developer	a month ago	[User]	201
Create developer	a month ago	[User]	201
Create product	a month ago	[User]	201
Deploy revision 1 of proxy eco2000k to prod	a month ago	[User]	200
Create new revision of API proxy eco2000k	a month ago	[User]	201
Update user-defined	a month ago	[User]	200
Update user-defined	a month ago	[User]	200
Update user-defined	a month ago	[User]	200
Update user-defined	a month ago	[User]	204

Learn

Learning Links



Links to resources to help you use Edge

Community

community.apigee.com

Docs

apigee.com/new-edge-docs

Support

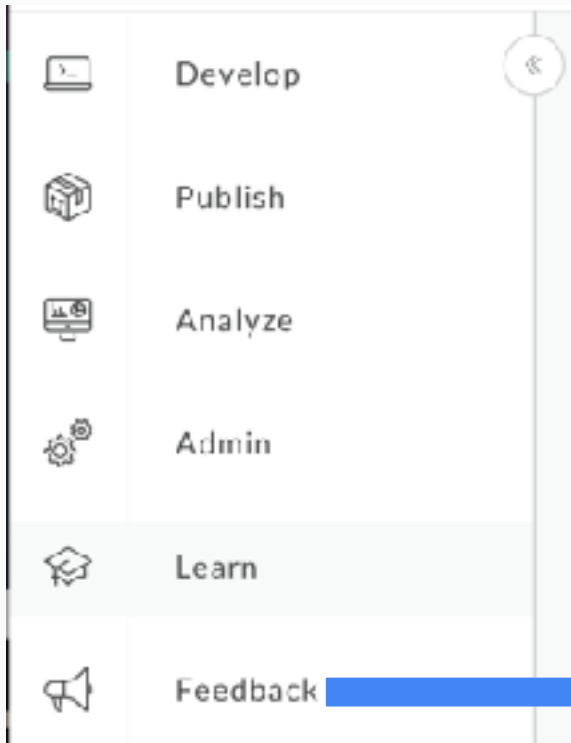
apigee.com/about/support/portal

360

360.apigee.com

Improve the Product

Application Segments



Give detailed feedback about what is working or not for you, or what should be improved.

Works on any page in the product.

THANK YOU