



API Lifecycle

API Lifecycle



API Lifecycle - Design

- OpenAPI
- Upload API Specs
- Generate API Proxies



API Lifecycle - Develop

- Build API Proxies Faster












Build APIs proxies faster











Traffic Management

-  Quota
-  Spike Arrest
-  Response Cache
-  Lookup Cache
-  Populate Cache
-  Invalidate Cache
-  Reset Quota

Mediation

-  JSON to XML
-  XML to JSON
-  Raise Fault
-  XSL Transform
-  SOAP Message Validation
-  Assign Message
-  Extract Variables
-  Access Entity
-  Key Value Map Operations

Security

-  XML Threat Protection
-  JSON Threat Protection
-  Regular Expression Protection
-  OAuth v2.0
-  Get OAuth v2.0 Info
-  OAuth v1.0a
-  Verify API Key
-  Access Control
-  Generate SAML Assertion
-  Validate SAML Assertion

Extension

-  Java Callout
-  Python
-  JavaScript
-  Service Callout
-  Statistics Collector
-  Message Logging

API Lifecycle - Develop

- Build API Proxies Faster
- Easily Debug API Proxies



Easily debug API proxies

Transaction Map

Phase Details

☐ Request Received from Client
GET /SubscriberProfile-Facade/profile?
name=smurphy&apikey=oqgtGHbhGkGfLh2SiKwKUUMxN7ul4QZ

☐ Response Sent to Client
200 OK

Request Headers		Response Headers	
Accept	application/json	Connection	keep-alive
Connection	keep-alive	Content-Length	392
content-length	0	Content-Type	application/json; charset=utf-8
host	demo11-test.apigee.net	Date	Wed, 17 06 2015 02:16:52 GMT
X-Apigee.application	SubscriberProfile-Facade	ETag	259800137
X-Apigee.environment	test	X-Powered-By	Express
X-Apigee.organization	demo11		

API Lifecycle - Develop

- Build API Proxies Faster
- Easily Debug API Proxies
- Easily Manage API Flow

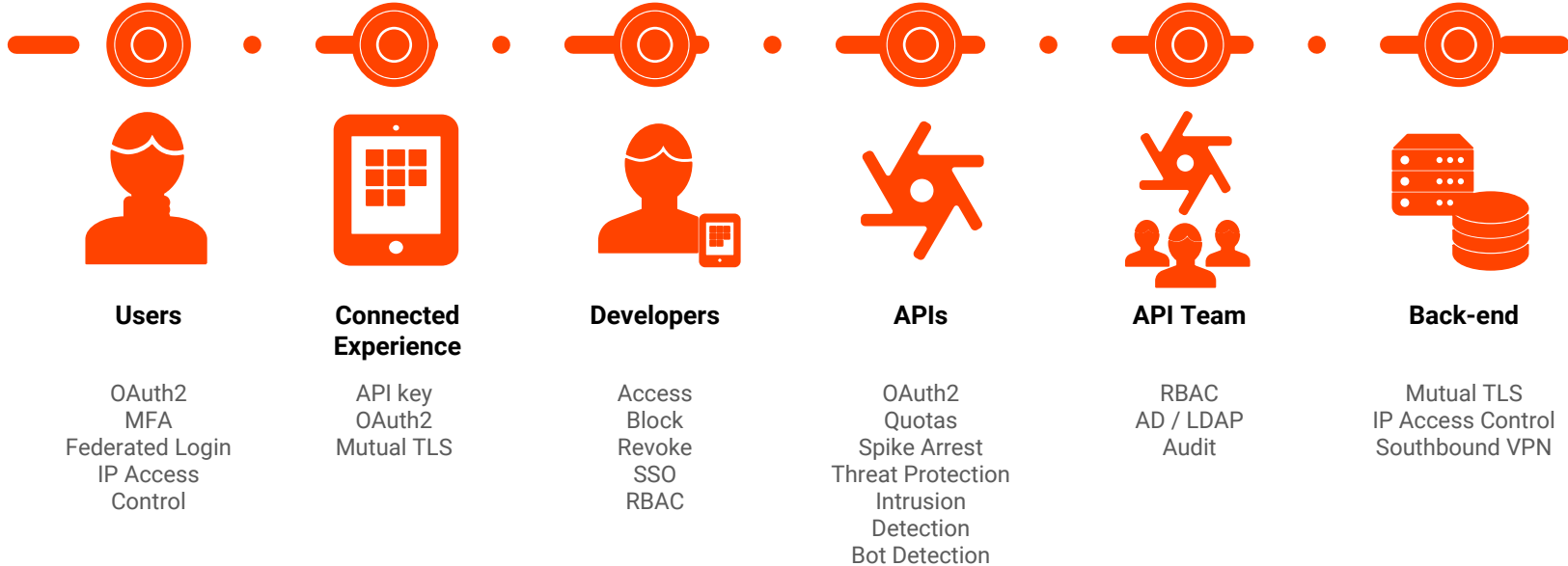


API Lifecycle - Secure

- End-to-End Security
- PCI Compliance
- HIPAA Compliance



Secure all points of engagement



API Lifecycle - Publish

- API Portal integration
- Testable documentation
- Version Management



API Lifecycle - Scale

- Operational Excellence
- High Availability
- Multi-Region Capabilities
- Zero Downtime Deployments

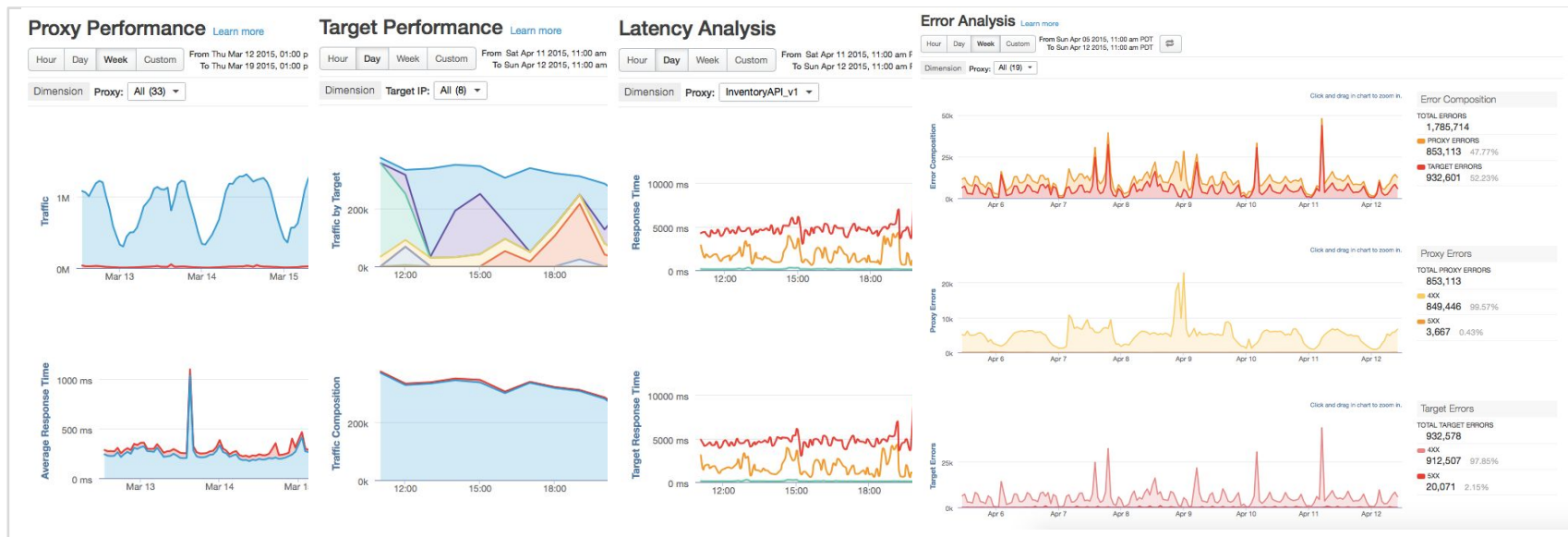


API Lifecycle - Monitor & Analyze

- API Performance Visibility
- API Usage Information

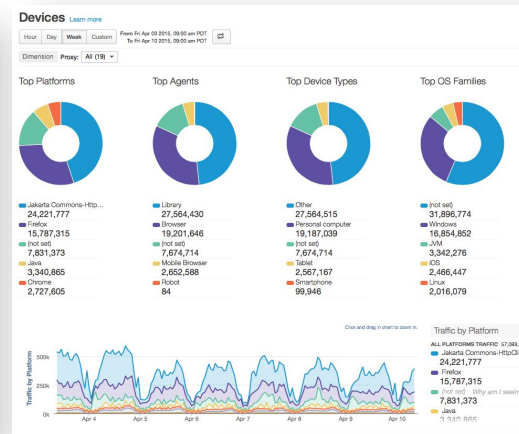
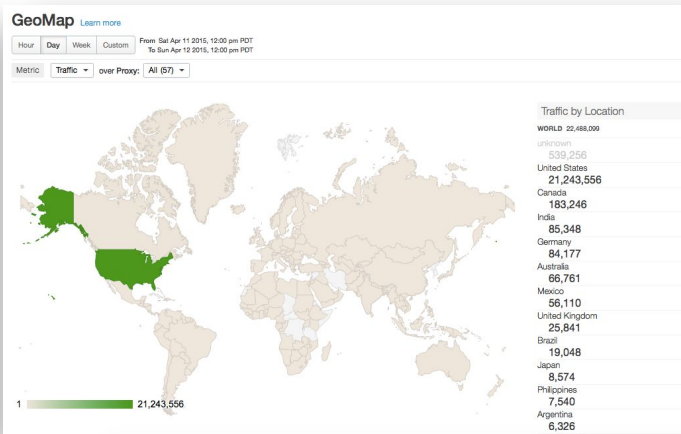
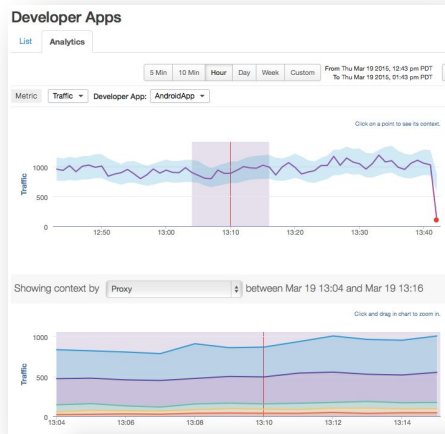


API proxy usage & performance



Many ready to use out of the box charts and reports

Measure and grow the API program



API Lifecycle - Monitor & Analyze

- API Performance Visibility
- API Usage Information
- Integrate with Enterprise Tools



API Lifecycle - Monetize

- Flexible Rate Plans
- Internationalization Support
- Usage Tracking
- Limits & Notifications



API Lifecycle





Thank You