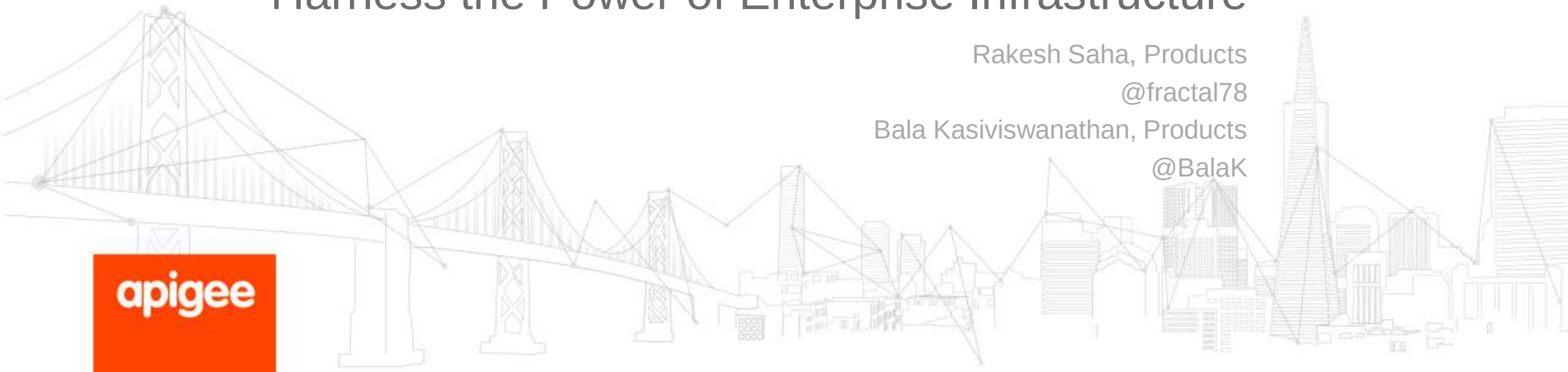
Apigee Edge
Harness the Power of Enterprise Infrastructure

Rakesh Saha, Products
@fractal78
Bala Kasiviswanathan, Products
@BalaK



apigee

Agenda

1. Security
2. Co-existence
3. Deployment choices
4. Self service
5. Agile API lifecycle

© 2013 Apigee Corp. All Rights Reserved

Security

Developer friendly

Built to address all aspects of API security

Authentication & Authorization	Traffic Management	User Management	Infrastructure & Compliance
OAuth, Token Service	Spike Arrest	Role-based access	Complex SSL
SAML, LDAP	Threat Protection	Custom Provider	PCI, HIPPA , SOC2 certified

© 2013 Apigee Corp. All Rights Reserved

Built to address all aspects of API security

Authentication & Authorization	Traffic Management	User Management	Infrastructure & Compliance
OAuth, Token Service	Spike Arrest	Role-based access	Complex SSL
SAML, LDAP	Threat Protection	Custom Provider	PCI, HIPPA , SOC2 certified

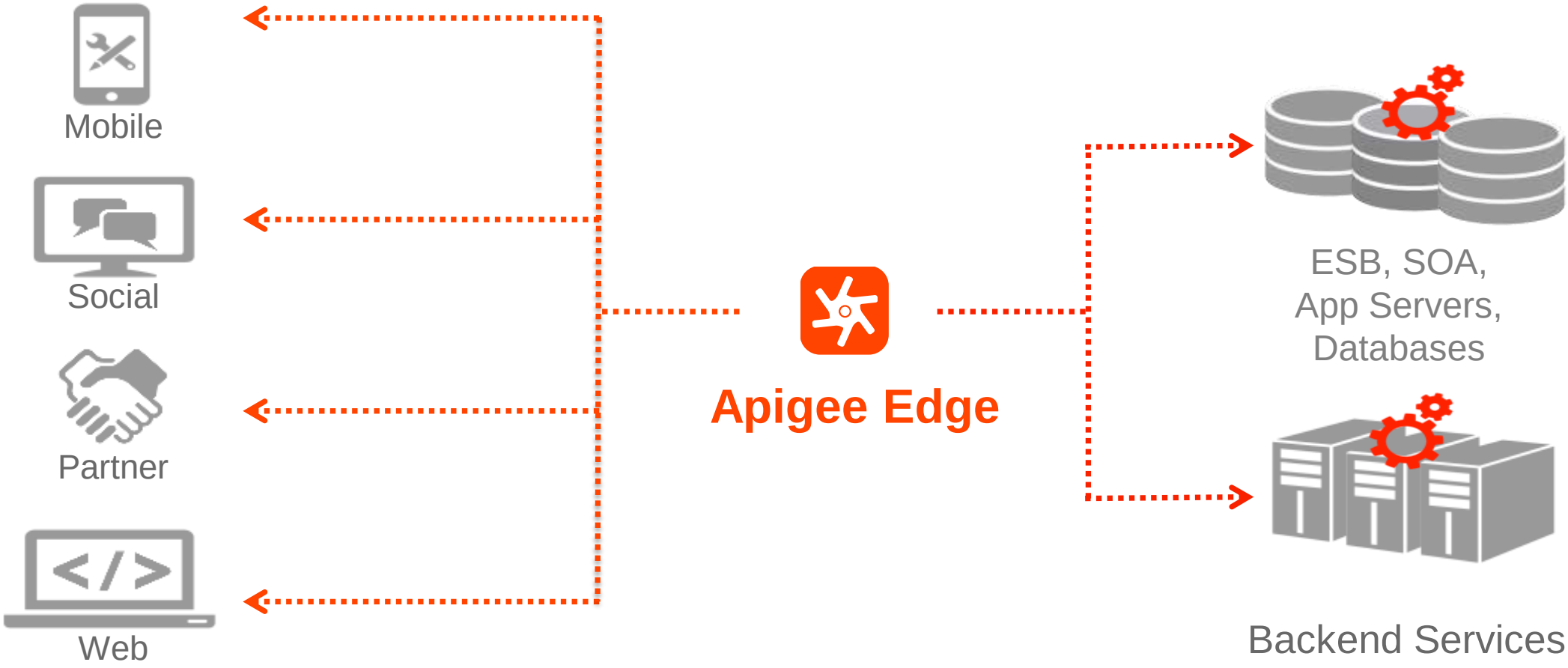
© 2013 Apigee Corp. All Rights Reserved

Demo

Co-existence

Leverage Existing Assets

Enable new digital channels



© 2013 Apigee Corp. All Rights Reserved

Prepare for tomorrow while leveraging today's technology

Leverage		Adopt
SOAP, JMS to integrate with SOA or other middleware	→	REST, JSON to enable lightweight apps
OAuth1.0a, SAML, LDAP for web-centric security	→	OAuth 2.0 for app-centric security
Reuse Java or Python based business logic	→	Build new API or lightweight orchestration using node.js

© 2013 Apigee Corp. All Rights Reserved

Demo

Deployment Choices

Maximum Flexibility

Architected for scale

Apigee Edge Cloud

- Thousands of customers
- Thousands of APIs and apps
- Billions of API calls

Apigee Edge On-premises

- Single box install
- Multiple topologies
- Multi-DC setup

© 2013 Apigee Corp. All Rights Reserved

12

Apigee Edge cloud provides true enterprise cloud

Global

- Worldwide network
- Multi-continent distribution network
- Operations centers around the globe

Pure Cloud

- Elastic capacity
- 5-tier cloud architecture
- Zero downtime

24/7

- Real-time and historic health
- Security and compliance tracking
- Pro-active monitoring & resolutions

© 2013 Apigee Corp. All Rights Reserved

Self-service

Lower TCO & instant access

Easy on-boarding

Technology

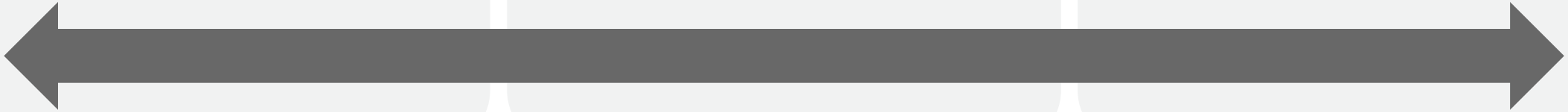
- Multi-tenant
- Automated provisioning

API Developer

- User
- Role Management

App Developer

- App SDK
- Developer portal



© 2013 Apigee Corp. All Rights Reserved

Demo

Accessing the Power with Simplicity

Analytics Services — Developer Services — API Services

© 2013 Apigee Corp. All rights reserved

I ♥ APIS CONFERENCE 2013

Accessing the Power with Simplicity

Analytics Services — **Developer Services** — API Services

Developer Apps

All | Pending | Revoked | Approved

+ Developer App

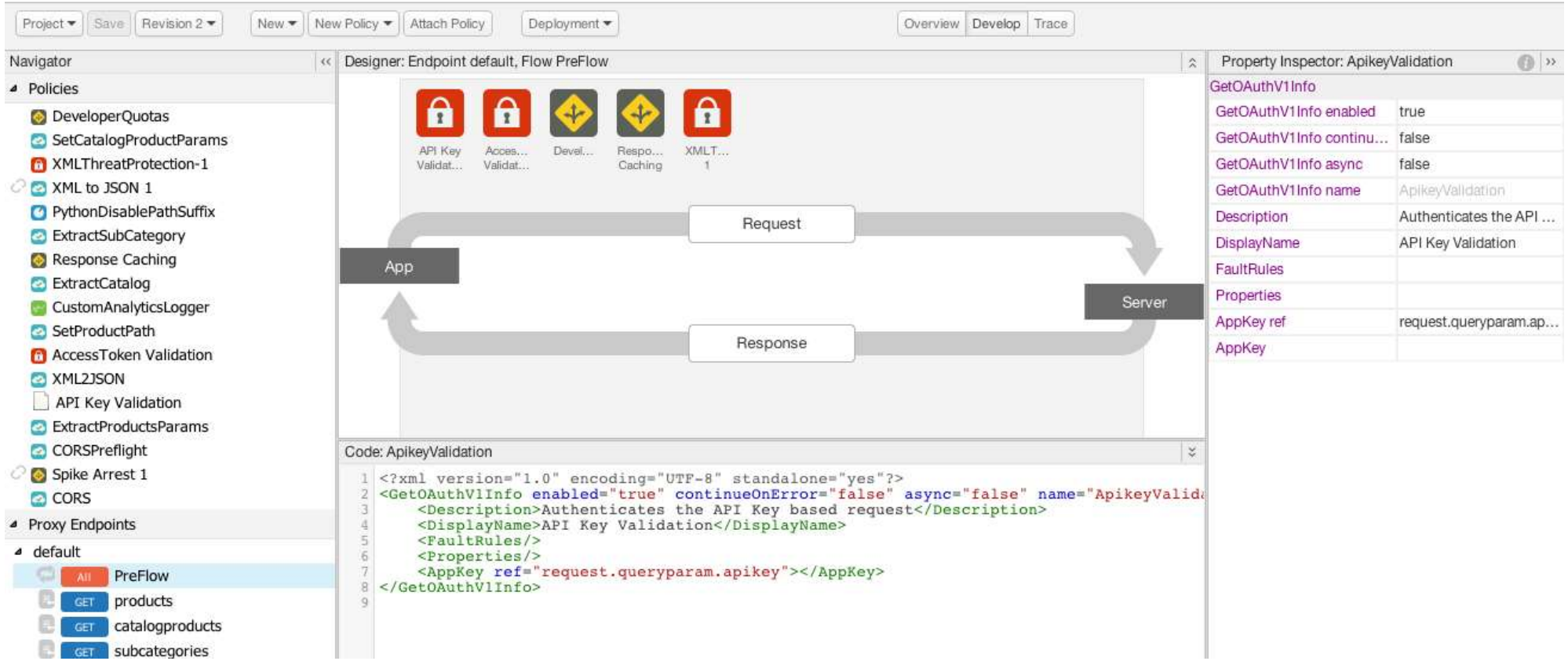
Developer App	Developer	App Family	Company	Key	Metrics for Last 24 Hours		Registered	Actions
					Traffic	Error Rate (%)		
TestApp	Rajesh Mishra	default		Key requested			Oct 21, 2013 11:57:09 PM	Delete
DinoGold	Dino Chiesa	default		Key requested			Oct 11, 2013 3:51:50 PM	Delete
hueapp	Sandeep Murusupalli	default		Key requested			Oct 8, 2013 1:56:32 AM	Delete
AexpApp-1	Dino Chiesa	default		Key requested			Sep 27, 2013 2:36:30 PM	Delete

© 2013 Apigee Corp. All Rights Reserved

Accessing the Power with Simplicity

Analytics Services — **Developer Services** — **API Services**

catalogs



© 2013 Apigee Corp. All Rights Reserved

I ♥ APIS CONFERENCE 2013

Access with powerful APIs

Create an environment

…/organizations/<org-name>/environments" -d " <Environment name=\"<env-name>\"/>”

Associate an environment with message processor(s)

…/organizations/<org- name>/environments/<env-name>/servers” –d “action=add&uuid=<uuid>”

Deploy an API to an environment

…/organizations/{org_name}/environments/{env_name}/apis/{api_name}/revisions/{revision_number}/deployments?"basepath=/”

© 2013 Apigee Corp. All Rights Reserved

Demo

Agile API Life Cycle

Delivered with enterprise reliability

Tools to make API development easier

- API Model
- Mock API

- Rich Web Interface
- Team Collaboration

- API Packaging
- Community management

- Endpoint monitoring*
- Multi-channel analytics delivery

© 2013 Apigee Corp. All Rights Reserved

Tools to make API development easier

- API Model
- Mock API

- Rich Web Interface
- *Team Collaboration*

- API Packaging
- Community management

- Endpoint monitoring*
- Multi-channel analytics delivery

© 2013 Apigee Corp. All Rights Reserved

Demo

Recap

✓ Security	Wide, deep and developer-focused
✓ Co-existence	No Rip-and-Replace
✓ Flexible deployment	Unlimited scale with choice
✓ Self-service	Do-it-yourself with UI and API
✓ Agile lifecycle	Enterprise reliability

© 2013 Apigee Corp. All Rights Reserved

Thank you