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SOFTWARE SYSTEMS

CA/Layer7 API Management

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What is API?

CA API Management

Product family

Components

Types of Gateways

Architecture

Strategies

Analytics

Competitors

Deployment forms

What is API ?

An Application programming interface (API) is a set of protocols, and tools for building <u>software applications</u>.

An API expresses a <u>software component</u> in terms of its operations, inputs, outputs.

APIs often come in the form of a library.

Application developers calls these API functions and use them by defined protocols like Soap,Rest architecture style.

CA API Management

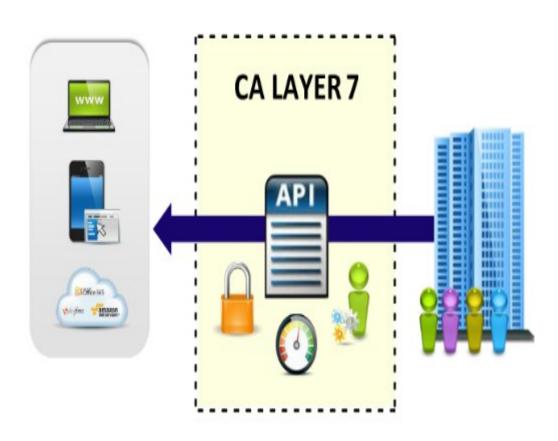APIs provide the connectivity to meet these demands and are the building blocks of toda

y's enterprise growth strategies. With CA API Management, you'll acquire the capabilities you eded to overcome digital transformation challenges and create new growth opportunities.Like

1.Create APIs and Integrate Everything.

2.Secure the Open Enterprise.

3.Accelerate Mobile and IoT Development.

4.Unlock the Value of Data.

CA API Management product family

CA API Gateway

CA Mobile API Gateway

CA Live API Creator

CA API Developer portal

CA API Management SaaS
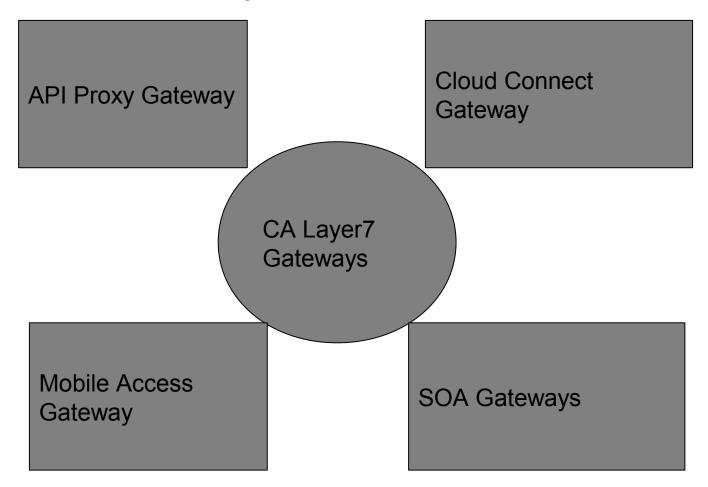
CA Mobile APP Services.

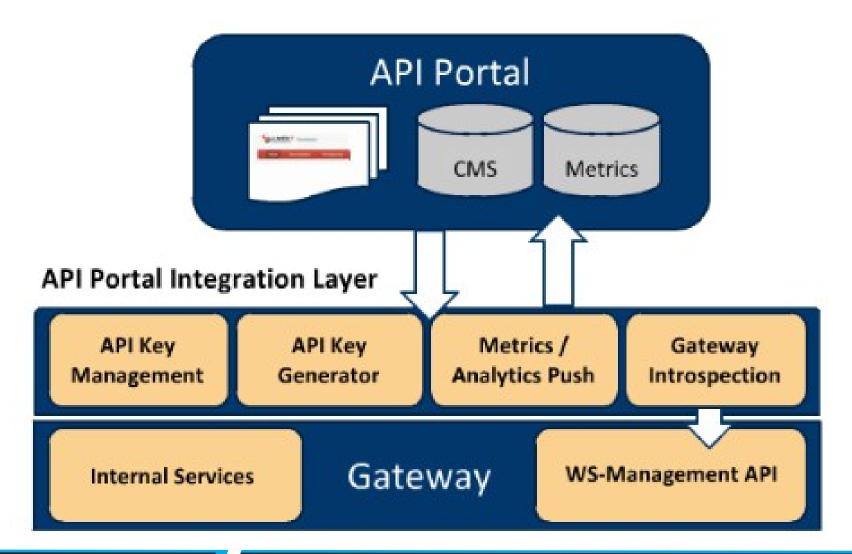# Product Components
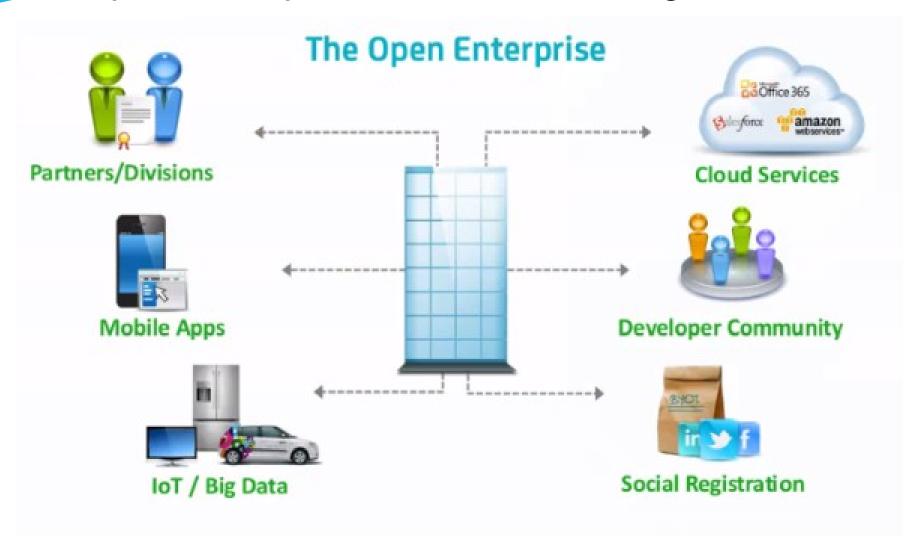

API Portal

Gateway

ESM

Types Of Gateways

API Proxy Gateway

Cloud Connect Gateway

CA Layer7 Gateways

Mobile Access Gateway

SOA Gateways

Architecture

Open Enterprise in CA API Management

Analytics for Open Enterprise

Partners/Divisions

79% of organizations are using SaaS[3]

1.43B social network users by 2012[1]

305B mobile app downloads by 2016[2]

Mobile Apps

50B Connected devices by 2020[4]

35ZB of data by 2025

IoT / Big Data

Cloud Services

Developer Community

Social Registration

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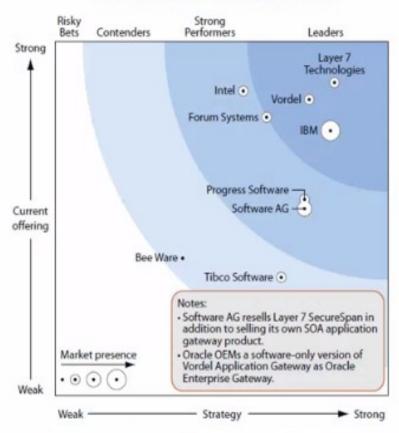# How CA Software manages and secure APIs

Backend data into APIs

Why CA is top position in industry

The Forrester Wave:
SOA Application Gateways, Q4 2011

Forrester Research Inc., "The Forrester Wave: SOA Application Gateways", Q4 2011, November 18, 2011

Forrester Wave:
API Management Platforms, Q1 2013

Forrester Research Inc., "Forrester Wave: API Management Platforms, Q1 2013", February 5, 2013

Market share for CA

Differences between the platforms

Incredible track record of POC Success.

Easy to install and demo.

Deeper than the competition.

IBMs solution requires 3 or more products.The layer7 team has deep experience on how to work with and defeat IBM Middleware.

Layer7 has the most complete product offering and the best enterprise pedigree to beat other API Management vendors in Top Accounts.

Layer7 API main core competitors Apigee

What they sell

- Cloud based API Management solution, capacity-based pricing
- On-premise (custom) solution

Who they sell to

- App Developers
- Especially targeting telcos, carriers
- Does not target operations, IT

What they're known for

- Sexy GUI, well packaged
- Also has a free version
- Very limited integration and security functionality

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Layer7 SOA Core Competitors

What they sell
- A set of physical devices to handle SOA integration and security
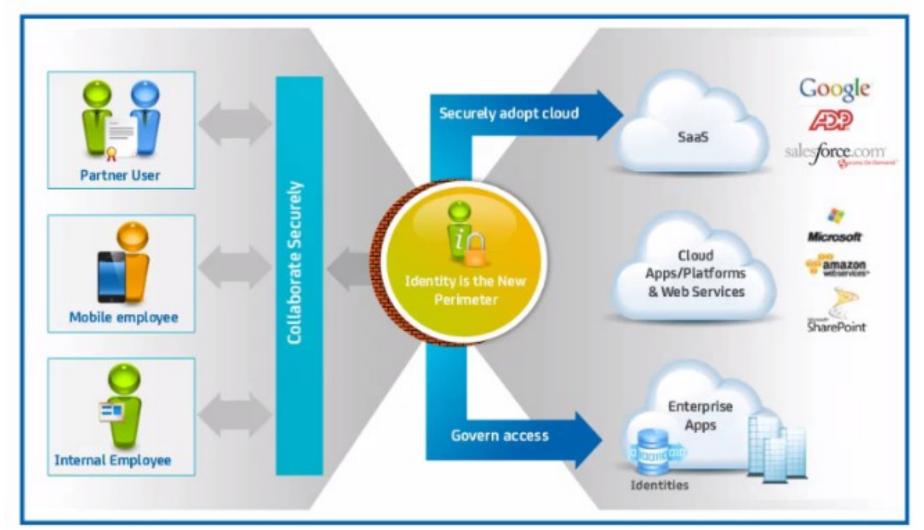- They recently introduced a virtual appliance

Who they sell to
- Enterprise and Infrastructure Architects for SOA
- Not sold as much to Security teams (in WebSphere, not Tivoli)

What they're known for
- XML processing, Web Services, acceleration
- Not known for flexibility, and product features have changed little recently

Secure the mobile, cloud connected enterprise
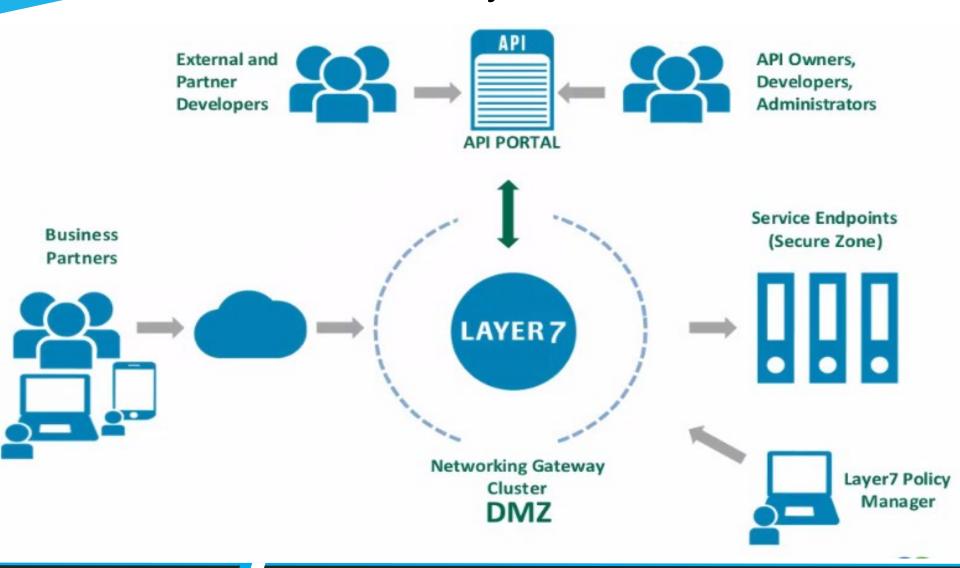
Various Deploy forms

APPLIANCE

VM WARE

CLOUD

SOFTWARE

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API Portal and Gateway

Features of the Gateway

Security

Performance & Scale
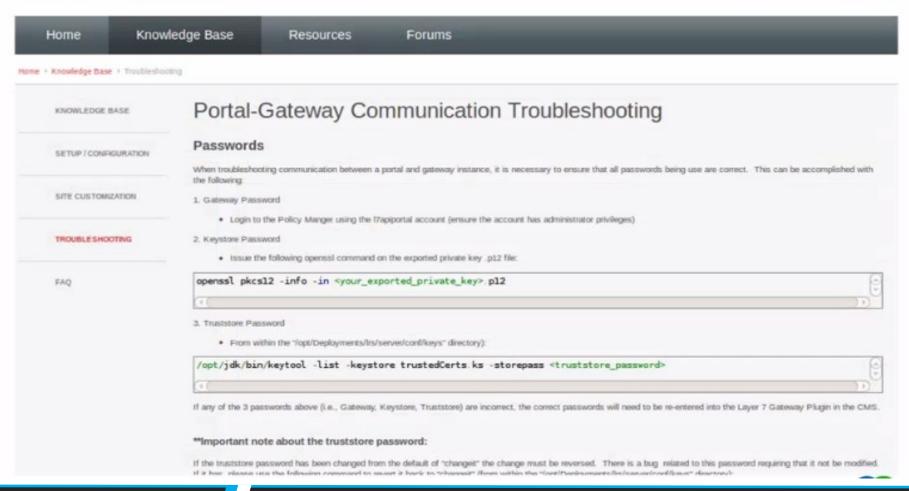
Manageability
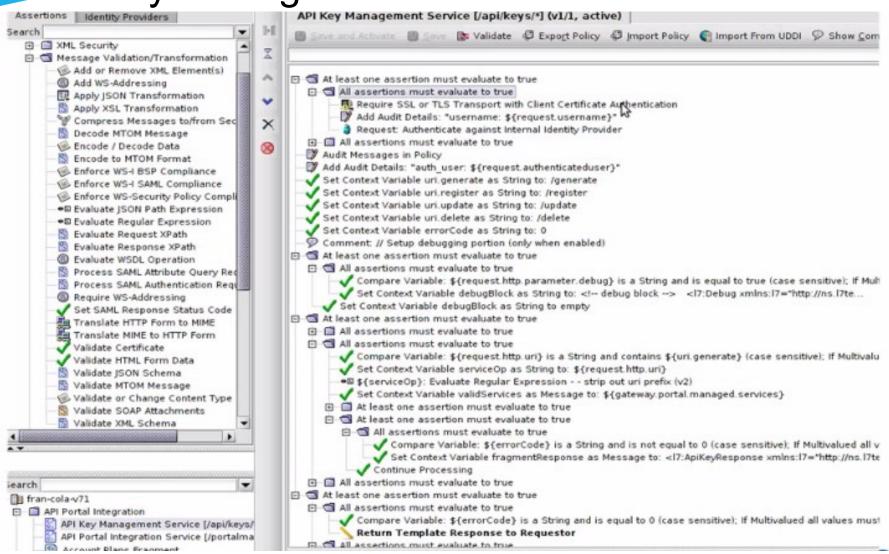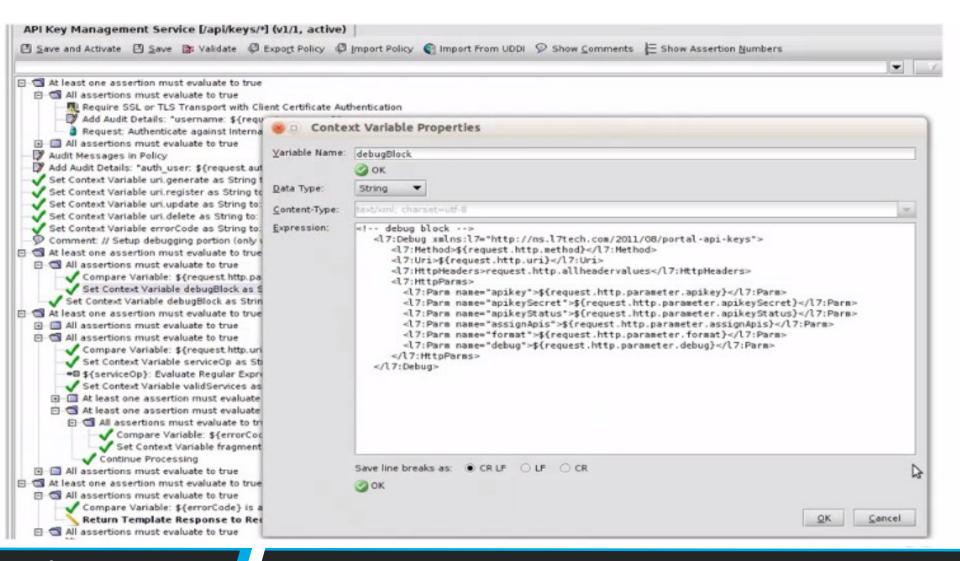
Flexibility & Integration

Extensibility

API Portal

Policy Manager

Policy Manager viewing context variables

How API Management Enables Digital Access

INTEGRATE EVERYTHING

- Expose legacy systems and applications as APIs, allowing them to be consumed in new ways

- Integrate your digital projects into one platform for easier management

CA API Gateway

CA Mobile API Gateway

ENABLE DEVELOPERS

- Provide developers with APIs to build apps that deliver a great user experience

- Manage developers through marketing, onboarding, collaboration and testing

- Manage access to sensitive enterprise data

CA API Developer Portal

PROTECT APPs & APPS

- Guard against the inherent risk of exposing APIs.

- Protect your apps with end to-end military-grade security

- Control which specific data your partners and developers can access.

CA Oauth Toolkit

CA Mobile API Gateway

Monetize API's

- Plan business models in a flexible way and generate revenue for the use of APIs.

- Analyze and report on API activity

CA API Developer Portal

Thank You

@Team_MSS /miracle45625

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