INTRODUCTION TO TIBCO® CLOUD INTEGRATION

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Fifty-five percent of CIOs surveyed by Gartner indicated that by 2020 they will structure more than half of their applications as SaaS or manage them in a public cloud infrastructure.
By 2017, in large enterprises, at least 65% of new integration flows will be developed outside the control of IT groups.

Source: "Adopt a Strategic Approach to Application Integration for Postmodern ERP and Business Applications" Gartner, July 2015
What Is Driving the Shift to Lines of Business?

The Need: An API centric layer to act as the connectivity tissue
The Needs of LOB Developers Are Different

- Quick Access to Platform
- Time-To-Market
- Collaboration
They Have Different Tools and Techniques
So We Needed to Evolve

API FIRST

END-TO-END API LIFECYCLES

Plan & Design
Share & Engage
Build & Integrate
Operate & Manage

Collaboration
Continuous Delivery
Introducing TIBCO Cloud Integration

TIBCO’s Integration Platform as a Service
• Designed and built for the cloud
• Optimized for REST-based use cases and APIs
• Supports all your traditional iPaaS use cases, + + +
Supports All Your Traditional iPaaS Use Cases, Plus . . .

Zero Code, API-First

Build & Connect in a Browser

Powered by TIBCO DNA
Allowing You to Get to Results Faster

Ease of Use

1 + 1 = 2

Productivity

User Experience
Provides a Single Model for Structure and Testing of all APIs

- Supports Swagger 2.0 specification
- Standardized modeling of APIs
- Integrated testing capability
Allowing You to Customize API Behavior — Microflows

• Stateless and lightweight integration applications based on Node.js

• Implement new patterns (e.g. BFF)

• Point-and-click editing of stages
  • Stages & Integration Logic
  • Tailored for the LoB Developer

• Add custom JavaScript code if required

• Changes possible at either API or operations level
Allowing You to Manage Your APIs – TIBCO Mashery

Create APIs

- Create an API from Any Data
- Compose API Integration Flows
- Support for REST or SOAP
- On-Premises, Cloud, or Hybrid

Productize APIs

- Transform APIs into Products
- Developer & Partner Mgt
- Publishing and Versioning
- Private Branding Supported
- SLAs and Service Plans

Distribute APIs

- Access Control/Security
- Route/Transform/Throttle
- SLA Enforcement
- Operational Analytics

Technical Orientation

Business Orientation

Operations Orientation

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Two Core Use Cases for TIBCO Cloud Integration

API Development

Cloud Service Integration

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Connect Various Cloud Services
Drag and drop modeling to connect services

Modeling the API
Model the API contract
Generate mock application
Test the new API

Customize API Behavior
Configure transformation
Add throttling

Manage the API
Publish to Mashery
Connect Various Cloud Services
Drag and drop Modeling to connect services

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API Development Demo – Publishing The API

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Portability of Projects: Protecting Your Investment

- Reuse of integration assets
- Provide portability of projects between environments
- Simplify portability through the use of visual tools
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