What's New in IIB V10

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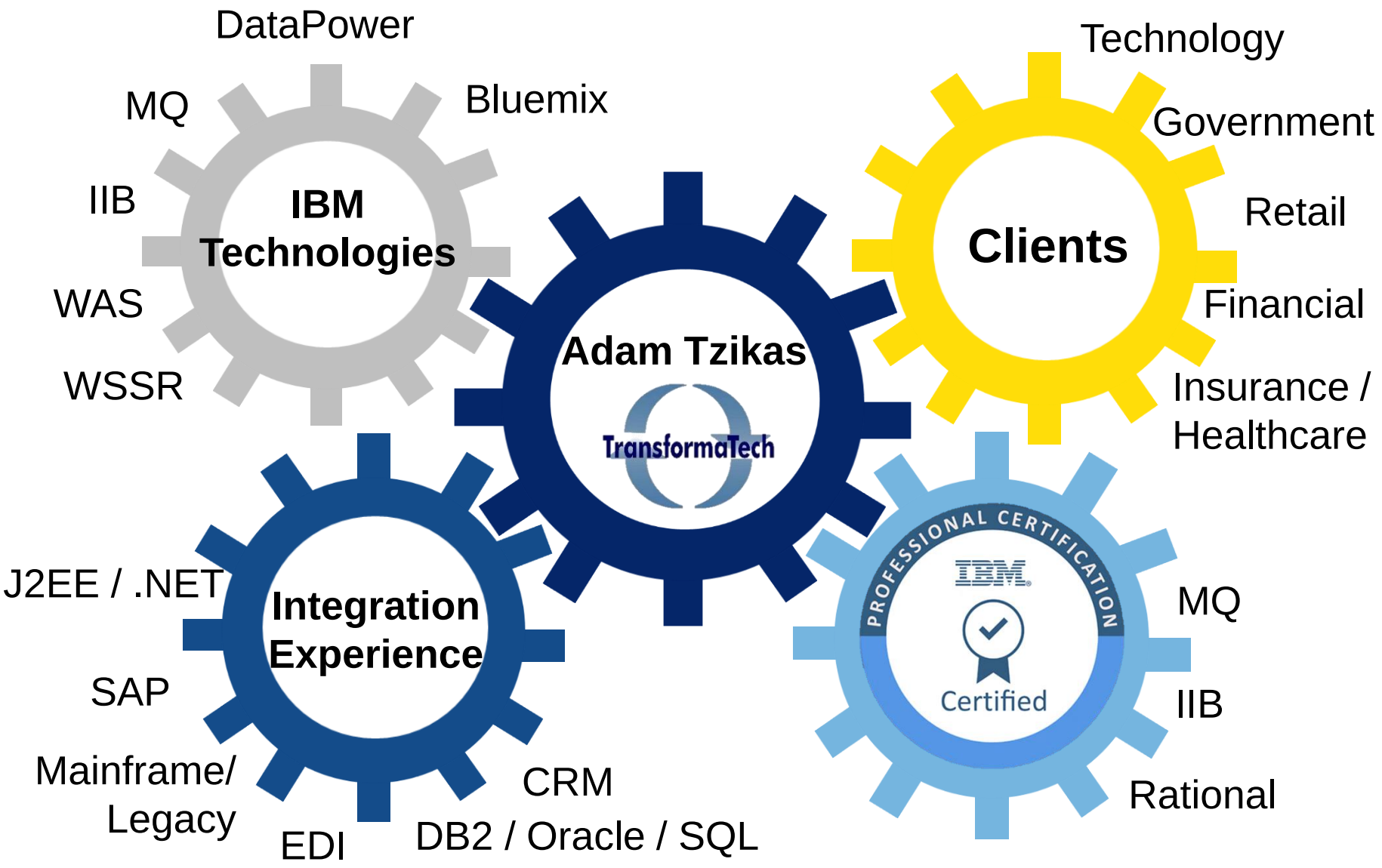
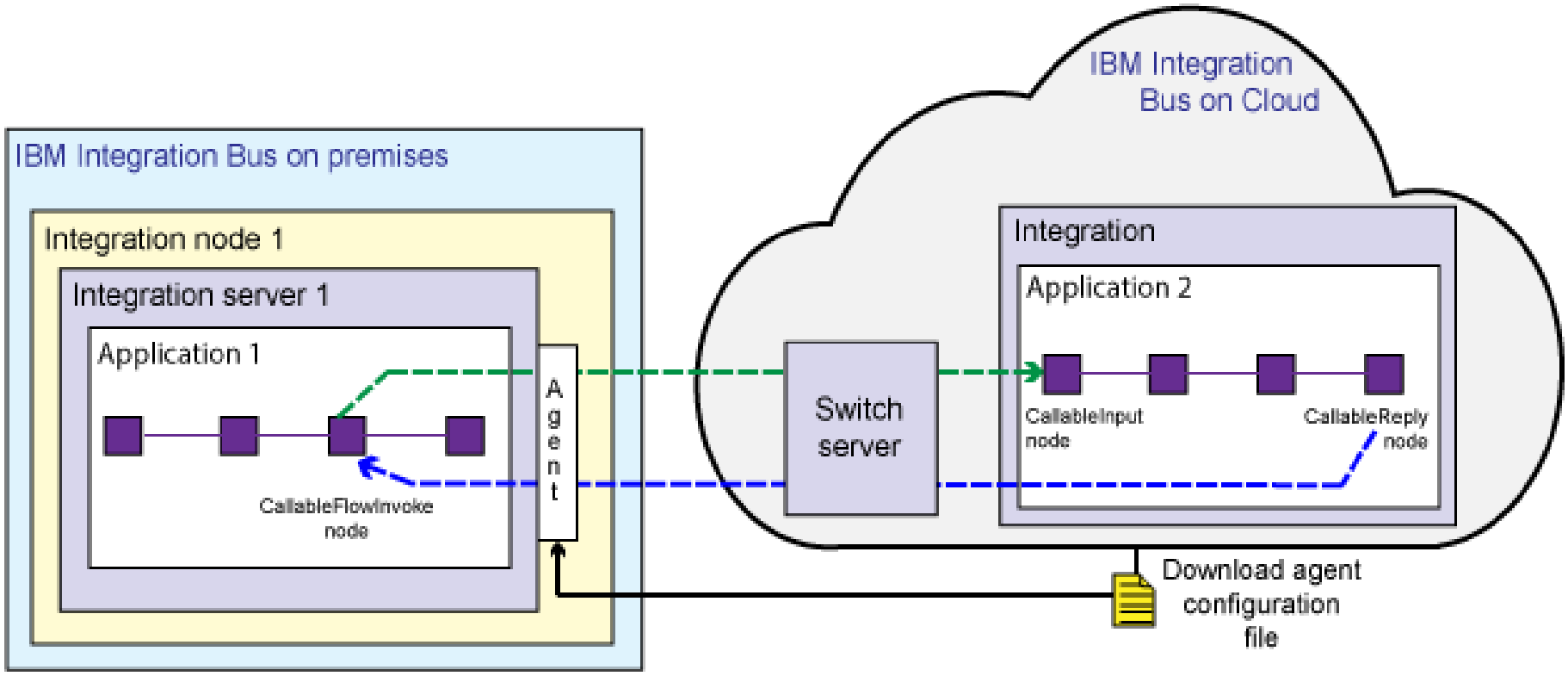
Agenda

- Who Am I?
- Cloud
- Simplicity
- External Connectivity
- Graphical Mapping
- More Additions


DataPower
MQ
Bluemix
IIB
IBM Technologies
WAS
WSSR
Technology
Government
Retail
Clients
Financial
Insurance / Healthcare
Adam Tzikas
TransformaTech
J2EE / .NET
Integration Experience
SAP
Mainframe/ Legacy
EDI
CRM
DB2 / Oracle / SQL
PROFESSIONAL CERTIFICATION
IBM
Certified
MQ
IIB
Rational

Cloud

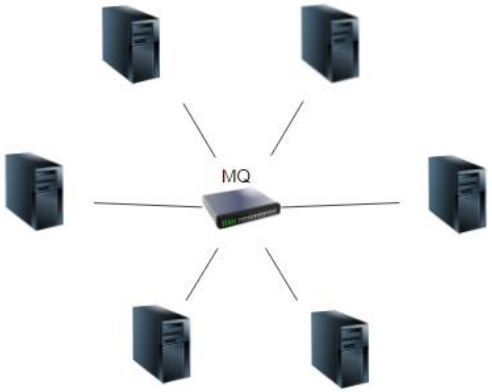

IBM Integration Bus on premises
Integration node 1
Integration server 1
Application 1
CallableFlowInvoke node
Agent
Switch server
IBM Integration Bus on Cloud
Integration
Application 2
CallableInput node
CallableReply node
Download agent configuration file

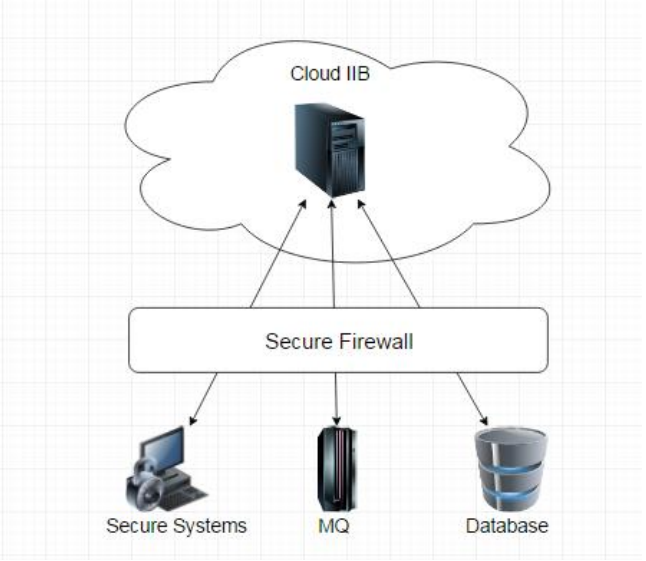
Simplicity

- **Simple Install**
- **WebSphere MQ Not a Prerequisite**
  - Following features require MQ to be installed:
    - Record and replay
    - Event-driven processing nodes (aggregate, collector, sequence, resequence, and timeout nodes)
    - FTEInput and FTEOutput nodes
    - CDInput and CDOutput nodes
    - Integration nodes with HTTP listeners
    - High availability configurations
- **MQ Telemetry Transport**
- **Shared Libraries**
- **Increased Debugging with Flow Exerciser**

Benefits to decoupling MQ from IIB

- Easier to administer
- Better system architecture
- Reduces MQ Footprint
- More flexibility
- Cloud thinking

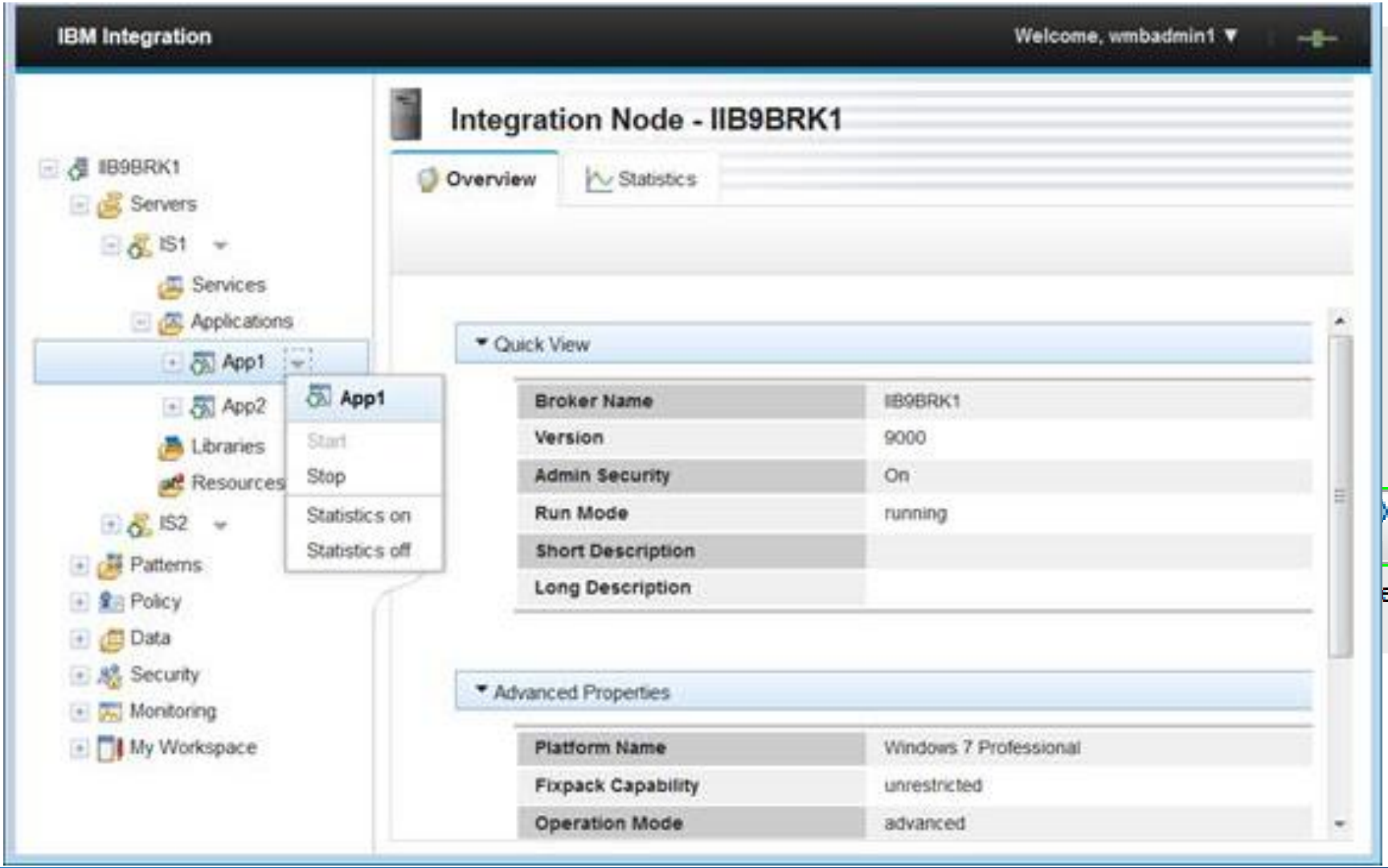




MQ Hardware Appliance

- Out-Of-The-Box Speed
- Increased Flexibility
- Single Source of Support
- Improved Security
- Improved High Availability

Simplicity


IBM Integration
Welcome, wmbadmin1
Integration Node - IIB9BRK1
Overview
Statistics
IIB9BRK1
Servers
IS1
Services
Applications
App1
App2
Libraries
Resources
IS2
Patterns
Policy
Data
Security
Monitoring
My Workspace
App1
Start
Stop
Statistics on
Statistics off
Quick View
Broker Name
IIB9BRK1
Version
9000
Admin Security
On
Run Mode
running
Short Description
Long Description
Advanced Properties
Platform Name
Windows 7 Professional
Fixpack Capability
unrestricted
Operation Mode
advanced

External Connectivity

- External Endpoint Framework
- IIB Industry Packs
- JavaScript API support
- WebSphere eXtreme Scale Enterprise Data Grid
- Microsoft SQL Server Support
- Enhanced SOAP and HTTP Node Security

Graphical Data Mapping Enhancements

- UDE not in XML Schema
- JSON messages
- Oracle Stored Procedures

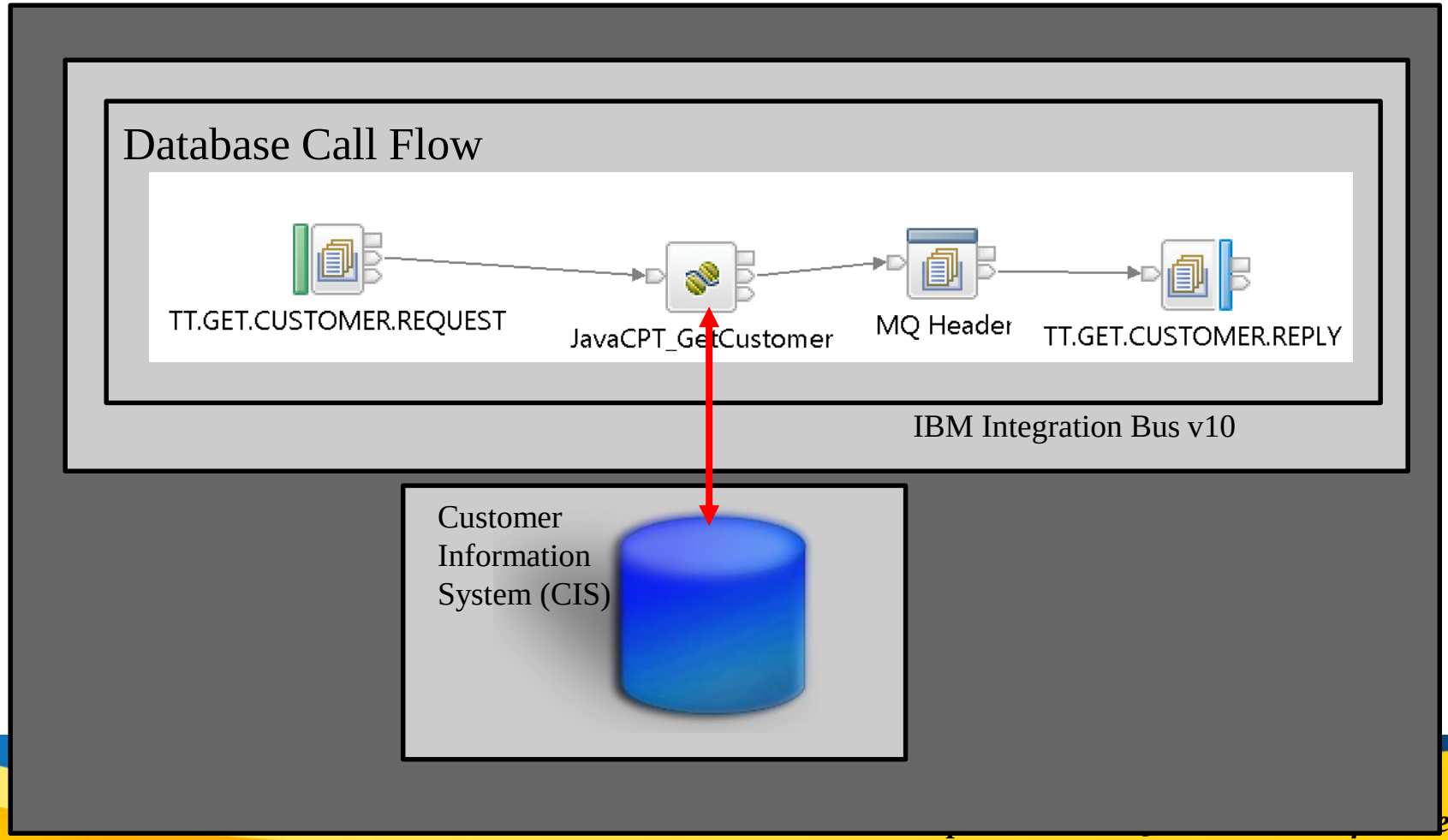
More Additions

- Enhanced Trace Node
- GITHub Integration for Patterns
- Automatic WebSphere ESB Conversions

Demo!

On Premises Existing Backend Flow

GetCustomer



Hybrid Cloud Integration Scenario (GetCustomer)

Public Cloud

Client (SOAPUI)

Callable Flow Invoke Flow

IBM Integration Bus v10

Agent

Secure Connection

On Premise/Private Cloud
(TransformaTech DataCenter)

Agent

IIB Switch Server

Callable Flow

Database Call Flow

IBM Integration Bus v10

TT.GET.CUSTOMER.REQUEST

TT.GET.CUSTOMER.REPLY

MQ Appliance (M2000)

Customer Information System (CIS)

v2.0.1.6

Hybrid Cloud Integration Scenario (GetCustomer)

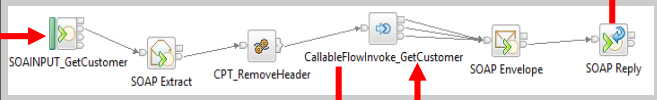
Public Cloud

Client (SOAPUI)

1

9

Callable Flow Invoke Flow



IBM Integration Bus v10

Agent

2

Secure Connection

On Premise/Private Cloud
(TransformaTech DataCenter)

IIB Switch Server

Agent

Callable Flow

8

Database Call Flow

4

5

IBM Integration Bus v10

3

7

6

MQ Appliance (M2000)

Customer Information System (CIS)

v2.0.1.6

Questions & Answers