Jerry Cuomo

(IBM)

Hybrid Cloud Connectivity for Business in the Cloud
Discover, Interact, Optimize

- **RENT IT**: SaaS
- **B2B**: PARTNER
- **PACKAGE**: BUY IT, RUN IT
- **DO IT YOURSELF**: BUILD IT, RUN IT, MAINTAIN IT

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Salesforce.com

PRIVATE

ENTERPRISE DATA CENTER

SAP

DATABASE

DMZ

INTERNET

BIZN ess PARTNER

SOA

Connected

Public

TIME + COST

SERVICE CONSUMPTION OPTIONS
Discover, Interact, Optimize

Hybrid Cloud Integrator Scenarios

On-premise to off-premise Business Application Integration:
Prototype Example:
On-premise Database to Salesforce Cloud

Security: Directory Integration & Identity Federation
Prototype Example:
Synchronize on premise ODW LDAP and LotusLive Domino directory info and facilitate SSO

Hybrid Monitoring
Prototype Example:
Federate Monitoring info of Workload in IBM Public Cloud

Governance & Hybrid Workload Management
Prototype Examples:
Governance for acquiring Resources from IBM Compute Cloud and/or Amazon;
Workload Management and capacity overflow from CCMP based private Cloud to IBM Compute Cloud
NEW SALES OPPORTUNITY
SYNC CUSTOMERS TO CRM
GATHER LEADS, CLOSE OPPORTUNITIES
SYNC SALES ORDER TO ERP
ORDER FULFILLED
INTEGRATION WITH APPLICATION FLUENCY

API
DATA SCHEMA
WORKFLOW AND MAPPING
SECURITY
Discover, Interact, Optimize

Cast Iron Application Integration Appliance

App Integration
XML Integration
Security
Acceleration

Enterprise

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Impact – Demo Screenshots

Chandar P
Choose the Template (a)
Choose the Template (b)

Search for Template Integration Projects (TIPs) and Pre-packaged Integration Processes (PIPs)

Search for TIPs and PIPs by using keywords or by filter.

Search By
- Keywords
- Filter
- My PIPs

Keywords: salesforce.com

Hint: The keyword USECASES returns all TIPs and PIPs under USECASES category.

<table>
<thead>
<tr>
<th>Name</th>
<th>Source</th>
<th>Target</th>
<th>Rating</th>
<th>Certified</th>
</tr>
</thead>
<tbody>
<tr>
<td>T0014 - Salesforce Accounts To Great Plains</td>
<td>salesforce.com</td>
<td>Great Plains(v9.0)</td>
<td>★★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0007 - RightNow Organizations to Salesforce Accounts</td>
<td>RightNow(v8.5)</td>
<td>salesforce.com(v10.0)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0020 - Salesforce Accounts To SAP Customers (Outbound Message)</td>
<td>Web Services</td>
<td>SAP(v4.7)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0003 - Salesforce Accounts To SAP Customers (Get Updated)</td>
<td>salesforce.com(v10.0)</td>
<td>SAP(v4.7)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0007 - RightNow Organizations to Salesforce Accounts</td>
<td>salesforce.com(v10.0)</td>
<td>RightNow(v8.5)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0014 - Salesforce Accounts To Great Plains</td>
<td>salesforce.com(v10.0)</td>
<td>salesforce.com(v10.0)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0001 - Post an XML file to salesforce.com Account</td>
<td>XML file (HTTP)</td>
<td>salesforce.com(v10.0)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0003 - Post an XML file to salesforce.com Account</td>
<td>XML file (FTP)</td>
<td>salesforce.com(v10.0)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0002 - Salesforce Accounts To SAP Customers (Outbound Message)</td>
<td>salesforce.com(v10.0)</td>
<td>RightNow(v8.5)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0001 - Post an XML file to salesforce.com Account</td>
<td>salesforce.com(v10.0)</td>
<td>NetSuite</td>
<td>★★★★</td>
<td>✔</td>
</tr>
<tr>
<td>T0006 - Synchronize Accounts between NetSuite and Salesforce.com</td>
<td>NetSuite</td>
<td>salesforce.com(v10.0)</td>
<td>★★★★</td>
<td>✔</td>
</tr>
</tbody>
</table>

Details:
- Project Name: SAP_SFDC_Demo_T0100
- Creator: Cast Iron Systems
- Created: 22-Jul-2008 14:07:00
- Path/Version: USECASES
- Avg. Rating: (Not rated)

Description:

Download | Cancel | Help
Discover, Interact, Optimize

Walk Through a Wizard

Introduction

Welcome to the SAP to Salesforce.com TIP

This scenario extracts customer master data from SAP and creates corresponding Accounts in Salesforce.com.
Wizard: Verify SAP Connectivity

This activity helps you configure and check your connectivity with SAP. Please confirm connectivity by pressing "Test Connection".

**SAP Application Server**
- **Host Name**: SAPHost
- **System Number**: SAPSystem

**Client Information**
- **SAP Client**: SAPClient
- **User Name**: SAP/user
- **Password**: SAP
- **Language**: EN

**Connection Pool Options**
- **Maximum Connections**: 25
- **Maximum Idle Time**: 120 minute(s)

**Inbound Gateway**
- **Enable Inbound Gateway**: Required only for the Receive JDDC activity
  - **Host**: 
  - **Server Instances**: 
  - **Program ID**: 
  - **Service**: 
  - **Retry Interval**: seconds
Wizard: Verify salesforce.com Connectivity

Salesforce.com Connectivity Check

This activity helps you configure and check connectivity with Salesforce.com.

User Name: sfdc_login
Password: sfdc_password
Login Options:
- Login normally
- Login to Salesforce.com Sandbox
- Login to specified Partner WSDL Login URL
Login URL: https://www.salesforce.com/services/%sap/i/16.0
Connection Timeout:
Time out after: 300 seconds when establishing a connection to the Endpoint.
Proxy:
- Connect via a Proxy Server
  - Authentication: Basic
  - Host Name
  - Port
  - User Name
  - Password

Test Connection

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Wizard: Create Accounts in SFDC

Create Account in SFDC

This activity lets you create a new Account in salesforce.com

Salesforce.com Object Type

Object Type   Account
Name          Account Name
Type          Account Type
ParentId      Parent Account
BillingStreet Billing Street
BillingCity   Billing City
BillingState  Billing State
BillingPostalCode Billing Zip/PostalCode
BillingCountry Billing Country
ShippingStreet Shipping Street
ShippingCity  Shipping City
ShippingState Shipping State
ShippingPostalCode Shipping Zip/PostalCode
ShippingCountry Shipping Country
Phone         Account Phone

Object Field Preferences

Select the fields you would like to map by selecting the check box next to the field.
Note that custom fields have an "_c" suffix for their field name.

Salesforce.com Object Types matching your filter criteria

<table>
<thead>
<tr>
<th>Object Type</th>
<th>Object Label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account</td>
<td>Account</td>
</tr>
<tr>
<td>AccountContactRole</td>
<td>Contact Role</td>
</tr>
<tr>
<td>AdditionalNumber</td>
<td>Additional Directory Number</td>
</tr>
<tr>
<td>ApexClass</td>
<td>Apex Class</td>
</tr>
<tr>
<td>ApexComponent</td>
<td>Visualforce Component</td>
</tr>
<tr>
<td>ApexPage</td>
<td>Visualforce Page</td>
</tr>
<tr>
<td>ApexTrigger</td>
<td>Apex Trigger</td>
</tr>
<tr>
<td>Approval</td>
<td>Approval</td>
</tr>
<tr>
<td>Asset</td>
<td>Asset</td>
</tr>
</tbody>
</table>

Choose a Salesforce.com Object

Please choose a Salesforce.com Object Type that you would like to create.
Note: Custom object types end with an "_c" suffix.
Wizard: Preconfigured Mappings

MAP Customer Data

Map Customer data between SAP and Salesforce.com

Start Demo → Extract customers → If Ph & City=NULL → Create Objects → Else → Create Account → Terminate
Wizard: Map Extra Fields using Custom Functions
Wizard: Configure Business Rules

Define Validation Rules

For example, you can create rules to check customer data errors in SAP before updating Salesforce.com.

<table>
<thead>
<tr>
<th>Left Hand Expression</th>
<th>Op</th>
<th>Right Hand Expression</th>
</tr>
</thead>
<tbody>
<tr>
<td>Where bpsw:variableData('response')/*: BAPI_CUSTOMER_GET...</td>
<td>=</td>
<td></td>
</tr>
<tr>
<td>or bpsw:variableData('response')/*: BAPI_CUSTOMER_GET...</td>
<td>=</td>
<td></td>
</tr>
</tbody>
</table>

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More Flexibility: Modify the Workflow
Publish Project to Appliance

Host name: castiron-demo-appliance-1
User Name: admin
Password: ********

- Secure

OK  Cancel
Publish Project to Appliance

The Project was successfully published.