

# Gateway Services

## Create Partner profile

1. Create Sender partner profile.

208.20.155.245 - Remote Desktop Connection

My webMethods

My webMethods Administrator | My Profile | Help | About | Logout

Document Types | Partner Profiles | Processing Rules | Reports | Analytics Overview | Transactions | Users | New

Partner Profiles > Partner Profile

Partner Details

Save Save & Close Cancel

Corporation Name: COE BTP

Organization Unit: COE

Status: Active

Preferred Language: Root Locale

External IDs | Addresses | Contacts | Partner Group Membership | Delivery Settings | Extended Fields | Users | Certificates

Permissions | Control Number

Add ID... Delete Add ID Type...

0 selected

	Id Type	Value
<input type="checkbox"/>	DUNS	53100

1 of 1

Save Save & Close Cancel

times EDT (UTC-4:00)

powered by webMethods

Start | 5:30 PM 6/11/2013

## 2. Create Receiver partner profile.

The screenshot displays the 'My webMethods Administrator' web application. The browser address bar shows the URL: 208.20.155.245:8585/meta/default/wm\_xt\_fabricfolder/0000006882. The application header includes the 'My webMethods' logo and navigation links for 'My webMethods Administrator', 'My Profile', 'Help', 'About', and 'Logout'.

The left sidebar contains a 'Navigate' menu with the following categories:

- Applications
  - Monitoring
    - System-Wide
      - Problems
      - Analytics Overview
      - Reports
    - Business
      - Collaboration Processes
      - Process Analytics
      - Process Instances
    - Tasks
      - NewBizInsuranceTask
      - My Inbox
      - Task List Management
      - Task Charts
      - Six Sigma Summary
    - Integration
      - B2B
        - Transactions
        - Tasks
        - Activity Log
        - User Preferences
        - Services
        - Documents
  - Administration
    - Messaging
    - System-Wide
      - Permissions Management
    - User Management
      - Roles
      - Groups
      - Users
      - Certificates
    - Calendars Management
    - Workspace Management
    - Environments
    - System Information
    - Report Configuration
    - B2B Permissions

The main content area is titled 'Partner Profiles > Partner Profile'. It features a 'Partner Details' form with the following fields:

- Corporation Name: COE\_BTP\_2
- Organization Unit: COE
- Status: Active (dropdown)
- Preferred Language: Root Locale (dropdown)

Below the form are several tabs: External IDs, Addresses, Contacts, Partner Group Membership, Delivery Settings, Extended Fields, Users, and Certificates. The 'External IDs' tab is active, showing a table with columns 'Id Type' and 'Value'. The table contains one entry:

Id Type	Value
DUNS	Ajay

At the bottom of the page, the status bar indicates 'All times EDT (UTC-4:00)' and 'powered by webMethods'. The Windows taskbar at the very bottom shows the Start button and several application icons, with the system clock displaying '8:01 AM 6/11/2013'.

## Create Document Type

1. Select the optional pipeline matching attribute required.

The screenshot displays the 'My webMethods Administrator' web application. The left sidebar contains a navigation tree with categories like Monitoring, Business, Integration, and Administration. The main content area is titled 'Document Types > Flat File Document Type Details'. It includes fields for Name (FLATFILE\_TEST), Description (Gateway Service), and Status (Enabled). Below these are two tabs: 'Configure' and 'Options'. The 'Configure' tab is active, showing a 'Pipeline Matching' table with columns Name, Value, and Edit. The table contains two rows: SenderID with value 353180 and ReceiverID with value Ajay. To the right of the Pipeline Matching table is an 'Extracted Attributes' table with columns Attribute Name and Actions, containing SenderID and ReceiverID. At the bottom of the page, there is a status bar showing 'All times EDT (UTC-4:00)' and 'powered by webMethods'. The Windows taskbar at the very bottom shows the Start button and several application icons, with the system clock indicating 8:01 AM on 6/11/2013.

Document Type: Flat File Document Type Details

Name:

Description:

Status:

Configure Options

Pipeline Matching

Name	Value	Edit
SenderID	353180	
ReceiverID	Ajay	

1 - 2 of 2

Extracted Attributes

Attribute Name	Actions
SenderID	
ReceiverID	

Save Save & Close Cancel

## Create Processing Rules

1. Configure the required sender, receiver and document type.

The screenshot displays the 'My webMethods Administrator' web application. The left sidebar contains a navigation tree with categories like Applications, Monitoring, Business, Tasks, Integration, Administration, and Messaging. The main content area is titled 'Processing Rules > Processing Rule Details'. It shows the configuration for a rule named 'Gateway' with an ordinal of 13 and a description of 'GatewayService Test'. The rule is currently enabled. Below this, there are tabs for Criteria, Extended Criteria, Action, and Pre-Processing. The 'Criteria' tab is active, showing fields for Sender, Receiver, Document Type, and User Status. The Sender is set to 'Any' with a partner list containing 'COE\_BTP (COE)'. The Receiver is also set to 'Any' with a partner list containing 'COE\_BTP\_2 (COE)'. The Document Type is set to 'Any' with a list containing 'FLATFILE\_TEST'. The User Status is set to 'Any'. At the bottom, there are checkboxes for Recognition Errors: 'May have errors', 'Has no errors', and 'Has errors'.

My webMethods Administrator | My Profile | Help | About | Logout

Processing Rules > Processing Rule Details

Processing Rule Details

Name: Gateway

Ordinal: 13

☒ Enabled

Description: GatewayService Test

Criteria | Extended Criteria | Action | Pre-Processing

Sender:

☐ Any  
☐ Enterprise  
☐ Unknown  
☒ Selected

Partners: COE\_BTP (COE)

Profile Groups:

Receiver:

☐ Any  
☐ Enterprise  
☐ Unknown  
☒ Selected

Partners: COE\_BTP\_2 (COE)

Profile Groups:

Document Type:

☐ Any  
☐ Unknown  
☒ Selected

Document Types: FLATFILE\_TEST

User Status:

☒ Any  
☐ Specified

User Status:

Recognition Errors:

☒ May have errors  
☐ Has no errors  
☐ Has errors

All times EDT (UTC-4:00)

powered by webMethods

8:02 AM 6/11/2013

2. Configure the required action, that is the service to handle the incoming document.

208.20.155.245:5555 - webMethods

My webMethods: Processing

208.20.155.245:8585/webm.apps.tasks.admin.integration.b2b.procrules.details.editor?wmp\_tc=69408&wmp\_rt=render8selectedTab=criteriaTab&procRuleID=8196V007spcg8jd0C

My webMethods Administrator | My Profile | Help | About | Logout

Document Types | Partner Profiles | Processing Rules | Reports | Analytics Overview | Transactions | Users | New

Applications

Monitoring

System-Wide

Problems

Analytics Overview

Reports

Business

Collaboration Processes

Process Analytics

Process Instances

Tasks

NewBizInsuranceTask

My Inbox

Task List Management

Task Charts

Six Sigma Summary

Integration

B2B

Transactions

Tasks

Activity Log

User Preferences

Services

Documents

Administration

Messaging

System-Wide

Permissions Management

User Management

Roles

Groups

Users

Certificates

Calendars Management

Workspace Management

Environments

System Information

Report Configuration

B2B Permissions

Processing Rules > Processing Rule Details

Processing Rule Details

\*Name: Gateway

Ordinal: 13

☒ Enabled

Description: GatewayService Test

Criteria | Extended Criteria | Action | Pre-Processing

Add Action... | Delete

Action	Details	Edit
<input type="checkbox"/> Execute a service	<div>Service Name: Chandrakanth.TN:receive</div> <div>Execution Mode: Synchronous</div>	

Save | Save & Close | Cancel

All times EDT (UTC-4:00)

powered by webMethods

Start

8:02 AM  
6/11/2013

## Create a GatewayService

1. Create a service which routes the flatfile.

The screenshot displays the IBM WebMethods Developer interface. The left pane shows a project tree with a folder named 'Chandrakanth' containing a 'tn' folder, which in turn contains 'FlatFile', 'flatFileDirectory', and 'receive' folders. The main workspace shows the 'FlatFile' folder selected, with a 'pub file.getFile' operation and a 'MAP' operation. The 'MAP' operation is configured with the 'wm.tn.doc.routeFlatFile' operation. The right pane shows the 'Properties' tab for the 'tn' folder, with various runtime properties like 'Stateless', 'Cache results', and 'Cache expire' set to 'False'. The 'Results' tab shows a list of properties and their values, including 'DocTimestamp', 'LastModified', 'SenderID', 'ReceiverID', 'DocumentID', 'GroupID', 'ConversationID', 'SystemStatus', 'UserStatus', 'Attributes', 'Signature', 'SignedBody', and 'ContentParts'.

Property	Value
Stateless	False
Cache results	False
Cache expire	15
Reset cache	Reset
Prefetch	False
Prefetch activation	1
Execution locale	[\${null}] No Locale Policy
HTTP URL alias	
Pipeline Debug	None
Transient error handling	
Max retry attempts	0
Retry interval	0
Universal name	
Namespace name	
Local name	
Audit	
Enable auditing	Never
Log on	Error only

Name	Value
Type	null
DocTimestamp	2013-06-11 07:20:24.447
LastModified	2013-06-11 07:20:24.447
SenderID	00000000000000000000000000000000
ReceiverID	00000000000000000000000000000000
DocumentID	null
GroupID	null
ConversationID	null
SystemStatus	DONE
UserStatus	null
Attributes	null
Signature	null
SignedBody	null
ContentParts	>>>BasicData.PartName=byt...

2. The data is processed

208.20.155.245:5555 - webMethods

My webMethods: Transaction

208.20.155.245:8585/meta/default/wm\_xt\_fabricfolder/0000006806

My webMethods Administrator | My Profile | Help | About | Logout

6 software

My webMethods

My webMethods Administrator | My Profile | Help | About | Logout

Document Types | Partner Profiles | Processing Rules | Reports | Analytics Overview | Transactions | Users | New

Transactions

Search Condition: AND | Search | Save | Clear

Applications

Monitoring

System-Wide

Problems

Analytics Overview

Reports

Business

Collaboration Processes

Process Analytics

Process Instances

Tasks

NewBizInsuranceTask

My Inbox

Task List Management

Task Charts

Six Sigma Summary

Integration

B2B

Transactions

Tasks

Activity Log

User Preferences

Services

Documents

Administration

Messaging

System-Wide

Permissions Management

User Management

Roles

Groups

Users

Certificates

Calendars Management

Workspace Management

Environments

System Information

Report Configuration

B2B Permissions

Transactions

Reprocess | Resubmit

0 selected

Export Table... | 1 - 20 of 69

Date Received	Document Type	Sender	Receiver	Processing Status	User Status	Related Documents	Details	Action
06/11/2013 07:54:15.630 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:54:08.400 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:53:56.537 AM	PurchaseOrder	POC(FF)	CTS (CTS)	DONE W/ ERRORS				
06/11/2013 07:53:41.953 AM	PurchaseOrder	POC(FF)	CTS (CTS)	DONE W/ ERRORS				
06/11/2013 07:52:41.467 AM	FLATFILE_TEST	COE RTP (COE)	COE RTP_2 (COE)	DONE				
06/11/2013 07:51:00.067 AM	PurchaseOrder	POC(FF)	CTS (CTS)	DONE				
06/11/2013 07:46:09.557 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:41:53.210 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:38:35.160 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:36:11.760 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:34:55.627 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:32:22.107 AM	FLATFILE_TEST	COE RTP (COE)	Unknown	DONE W/ ERRORS	IGNORED			
06/11/2013 07:31:11.977 AM	Unknown	Unknown	Unknown	DONE				
06/11/2013 07:28:12.057 AM	Unknown	Unknown	Unknown	DONE				
06/11/2013 07:26:02.313 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:23:44.830 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:20:24.447 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:20:06.297 AM	Unknown	Unknown	Unknown	DONE				
06/11/2013 07:18:24.733 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				
06/11/2013 07:09:39.707 AM	Unknown	Unknown	Unknown	DONE W/ ERRORS				

< Previous | 1 2 3 4 | Next >

Transaction Details

Date Received: 06/11/2013 07:52:41.467 AM | Sender: COE RTP (COE) | Receiver: COE RTP\_2 (COE) | Send link to this document

Activity Log | Attributes | Tasks | Content | Comments

Delete...

0 selected

Export Table... | 1 - 6 of 6

Type	Timestamp	Brief Message	Class	User Name	Partner ID	Details
	06/11/2013 07:52:41.540 AM	Processing complete	General	Administrator		
	06/11/2013 07:52:41.537 AM	Status changed.	General	Administrator		
	06/11/2013 07:52:41.507 AM	Service invoke: Chandrakanth.TN:receive	Processing	Administrator		

All times EDT (UTC-4:00)

powered by webMethods

Start

8:04 AM 6/11/2013

### 3. Receive Service.

208.20.155.245:5555 - Username:Trainee - webMethods Developer

File Edit Session Compose Test Tools Window Help

New

Navigation

- B2B\_POC\_269126
- BPM\_Train
- CertManagement
- Chandrakanth
  - certMgmt
  - exampleWS
  - fault
  - faultTesting
  - HeaderTesting
  - JMS
  - MTOM
  - PolicyAttachment
  - Rcode
  - Security
  - SoapToJMS
  - SSL
  - SSLAuthentication
  - terracotta
  - test
  - testCertificate
  - testEncrypt
  - testingHandler
  - TN
    - tn
    - FlatFile
    - flatFileDirectory
    - receive
    - userAuthentication
    - WebService
- CoeAg
- CoeUser
- Common\_Utilities
- Default
- Dubey
- E129465\_1
- EDIX12DocsProcessing
- EXCEL\_contentHandler
- FirstProcessProject

UDDI Registry Recent Elements

- recieveService
- routeFlatFile
- routeFlatFileService

FlatFile flatFileDirectory receive tn bytesToString

Chandrakanth.TN:receive

- pub.string.bytesToString
- pub.flow.savePipelineToFile

Properties

Property	Value
Runtime	
Stateless	False
Cache results	False
Cache expire	15
Reset cache	Reset
Prefetch	False
Prefetch activation	1
Execution locale	[\${null}] No Locale Policy
HTTP URL alias	
Pipeline Debug	None
Transient error handling	
Max retry attempts	0
Retry interval	0
Universal name	
Namespace name	
Local name	
Audit	
Enable auditing	Never
Log on	Error only

Results

Name	Value
------	-------

Input/Output Pipeline Comments

Pipeline In

- bizdoc (BizDocEnvelope)
  - InternalID
  - DocType (BizDocType)
    - DocTimestamp
    - LastModified
    - SenderID
    - ReceiverID
    - DocumentID
    - GroupID
    - ConversationID
    - SystemStatus
    - UserStatus
    - Attributes
    - Signature
    - SignedBody

bytesToString

Service In

bytes encoding

Start

8:04 AM 6/11/2013



#### 4. Received data.

The screenshot displays the webMethods Developer interface. The left pane shows a project tree with folders like B2B\_POC\_269126, BPM\_Train, CertManagement, and Chandrakanth. The right pane, titled 'Properties', shows the 'receive' service configuration. The 'Results' tab is active, displaying a table of received data.

Name	Value
sender	
ProfileID	8196v007spb0srm00000028
CorporationName	COE_BTP
OrgUnit	COE
Type	TNServer
Self?	
MBoolean	false
Status	Active
RemoteStatus	null
PreferredProtocol	null
PollingProtocol	null
TNVersion	8.2.2.0
Deleted?	
MBoolean	false
TimeToWait	0
RetryLimit	0
RetryFactor	1
ProfileGroups	null
RoutingOffStatus	
MBoolean	false
receiver	
ProfileID	8196v007spb5bc40000002d
CorporationName	COE_BTP_2
OrgUnit	COE
Type	TNServer
Self?	
MBoolean	false
Status	Active
RemoteStatus	null
PreferredProtocol	null
PollingProtocol	null
TNVersion	8.2.2.0
Deleted?	
MBoolean	false
TimeToWait	0
RetryLimit	0
RetryFactor	1
ProfileGroups	
RoutingOffStatus	
MBoolean	false
string	353180,Chandranth,COE348932,Kishore,COE

The bottom status bar shows the Start button and the system clock: 8:05 AM, 6/11/2013.