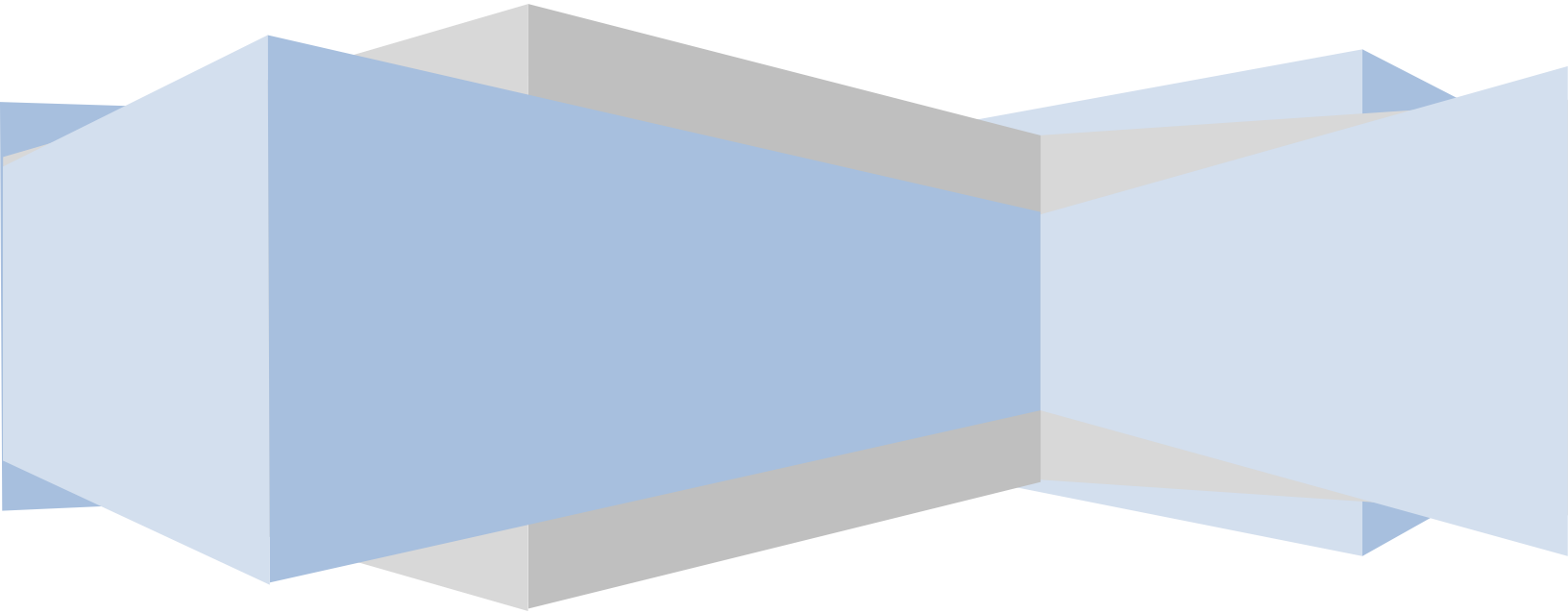
Cognizant Technology Solutions

Exercises – Delivery & Queues

WebMethods Integration Workshop

WebMethods CoE



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DELIVERY AND QUEUES

Introduction

- When a processing rule includes Delivery of a document by processing action, Trading Network attempt to deliver the document to the partner who is identified as the receiver of the document.

- Trading networks delivers the document to the receiver partner using the delivery method which has been defined by the processing rule

- There are typically four methods to deliver a document
    - Queue for Polling
    - Receiver's Preferred Protocol
    - Scheduled Delivery
    - Immediate Delivery

Theory

Guides to complete:

Trading Networks concepts guide.

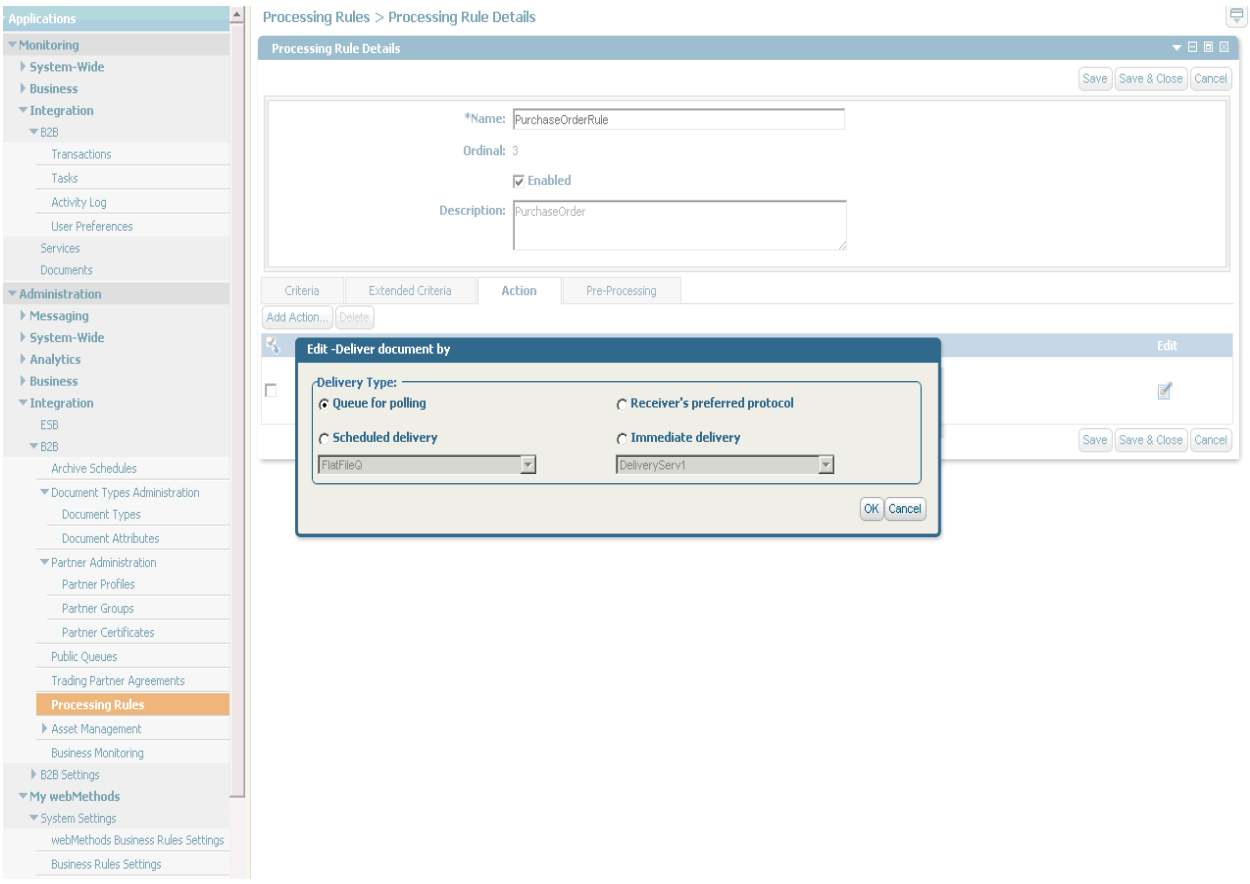
Trading Networks Administrators' guide.

Practical

Queuing Documents for Polling:

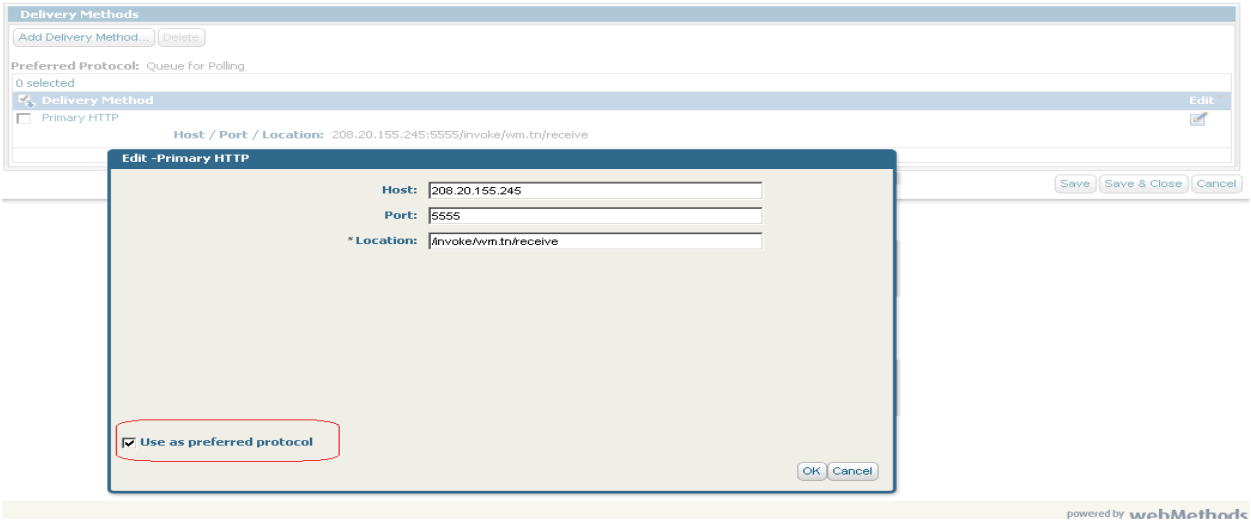
Trading Networks uses the Queue for polling delivery method when the Deliver Document By processing action indicates one of the following:

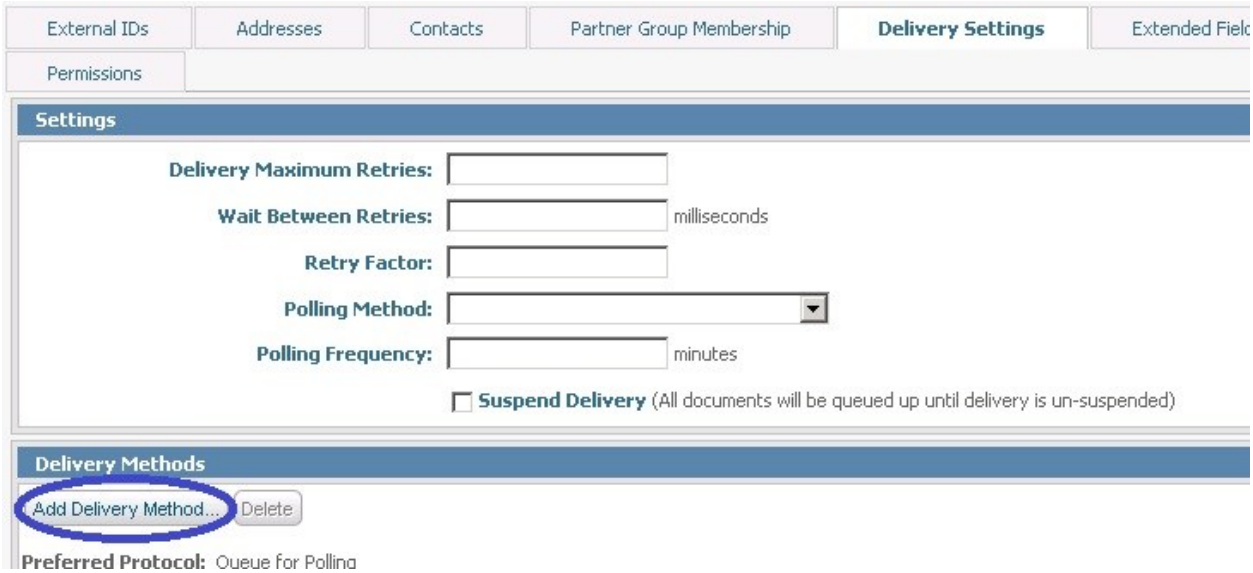
- Queue for Polling selection
- Receiver's Preferred Protocol selection and the preferred protocol in the receiver's profile is Queue for polling



Receiver's Preferred Protocol:

- Trading Networks looks up the receiver's profile and uses the delivery method that is identified in the profile as the preferred delivery method.
- In the processing rules we need to select Receiver's referred protocol as a delivery methods. This will select the below mentioned protocol as a delivery protocol.
- Below screen shot show the receiver's profile delivery method

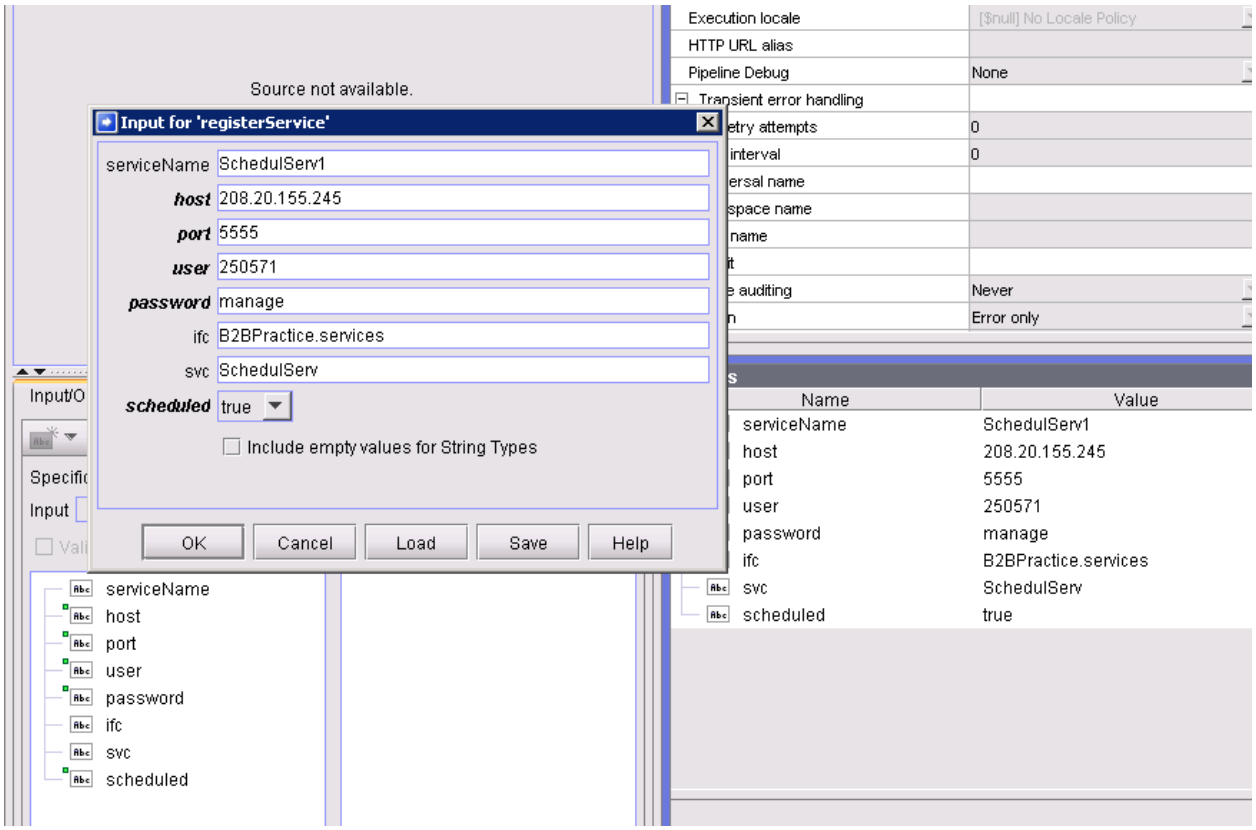




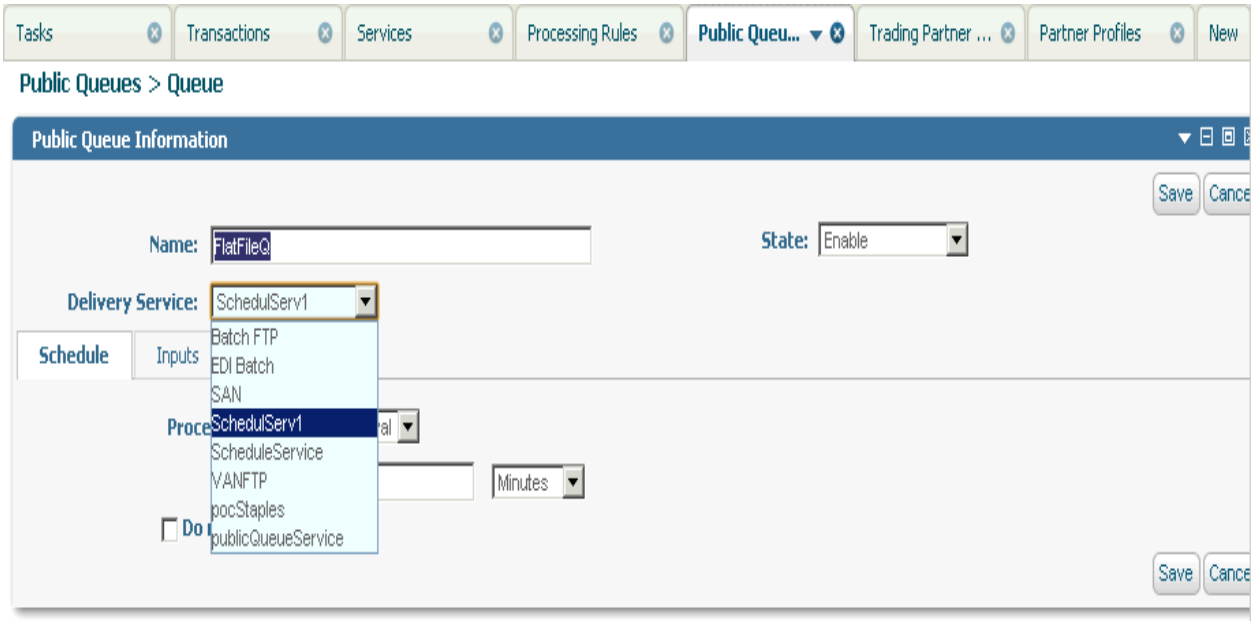
Scheduled Delivery:

- Trading Networks queues documents to be delivered at scheduled times. You define scheduled delivery queues in Trading Networks. When you define the queue, you associate both a schedule and a scheduled delivery service with the queue. At the time(s) the schedule indicates, Trading Networks invokes the scheduled delivery service to act on the documents in the queue to deliver them.

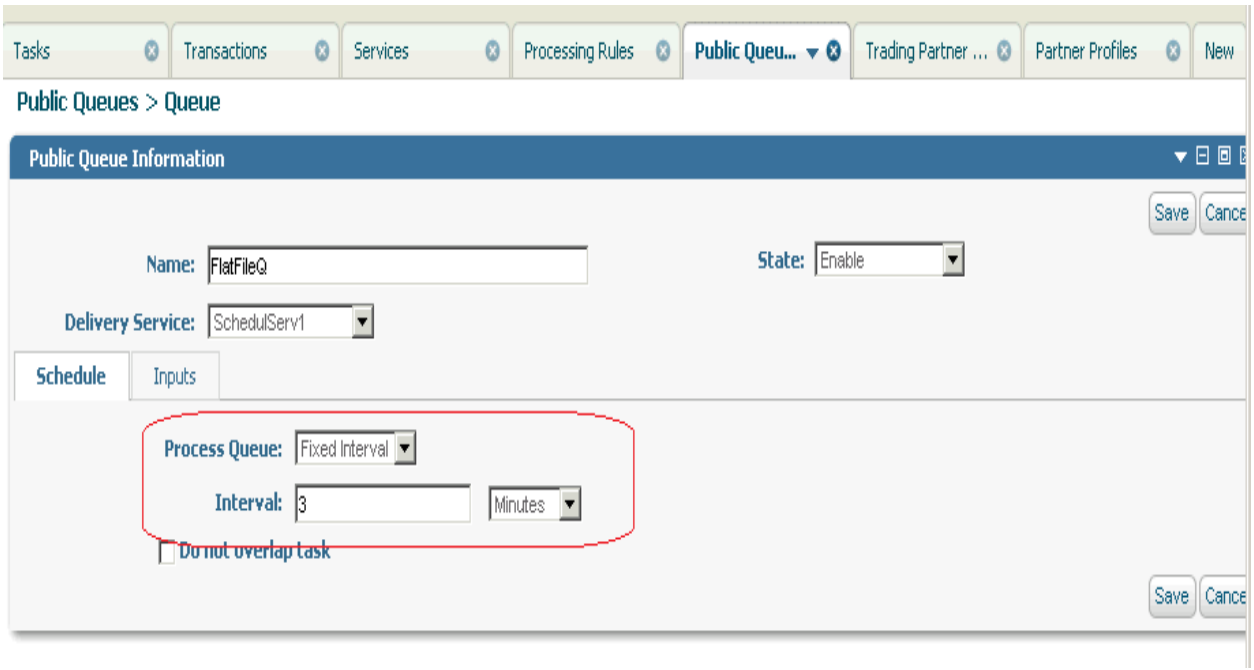
- Steps to use Scheduled delivery as a delivery method.
    - Create a delivery service and register that service using **wm.tn.delivery:registerService** service. This will appear in public queues once you register. While registering the scheduled field of the service should be **true.**
    - Please refer the below screen shots to register a service



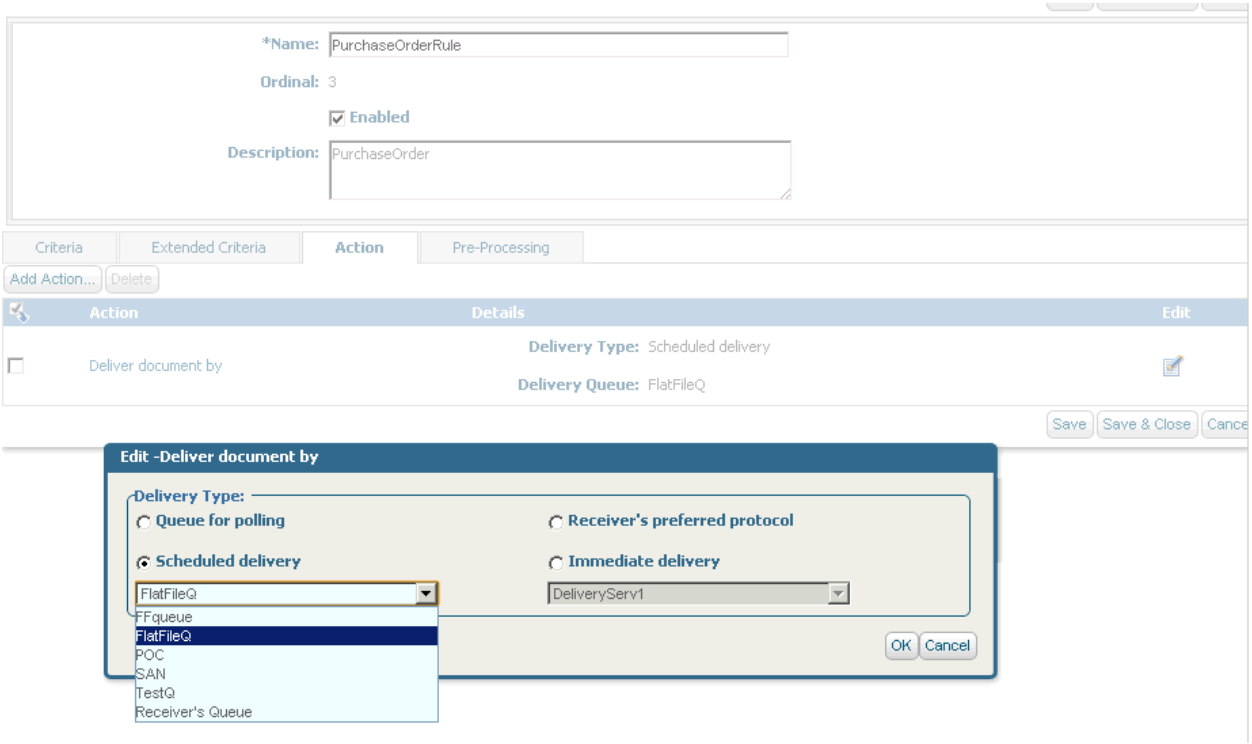
- In the TN Console go to tools:Registry:public queues
- Select delivery service you registered and set inputs for that and save it to create the queue.



- In the schedule tab, set the time interval for the service to get invoke

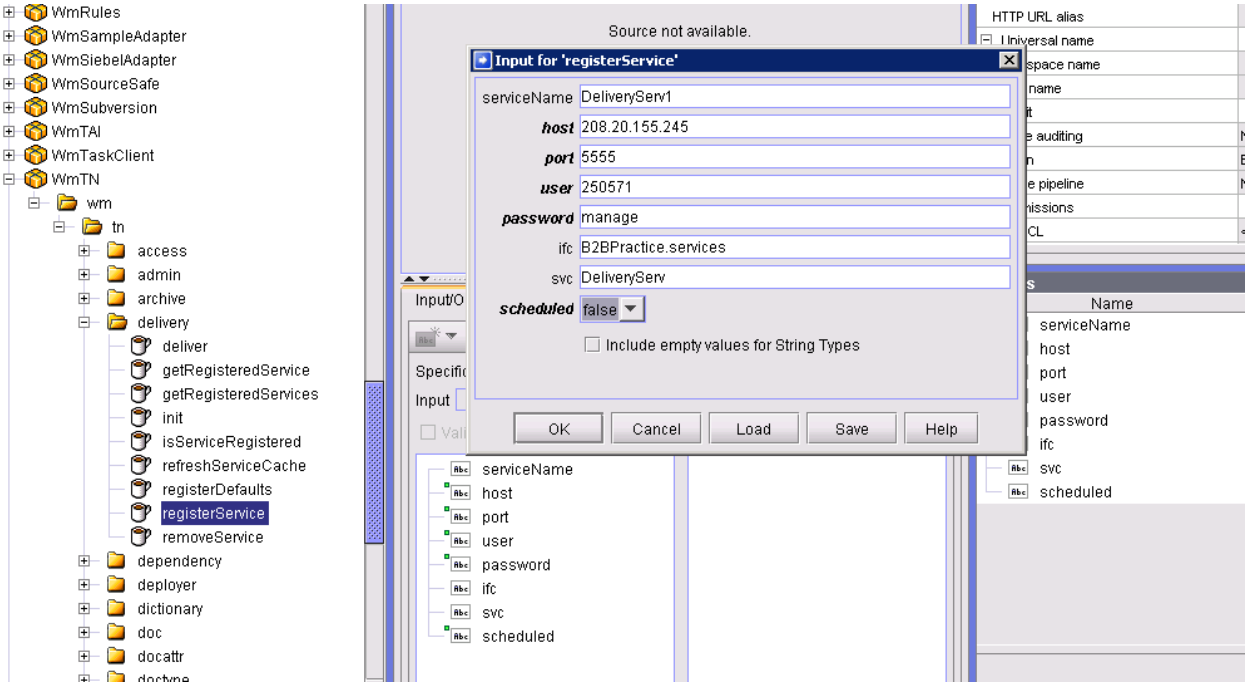


- After creating the queue you can see the queue name in the delivery method of processing rule

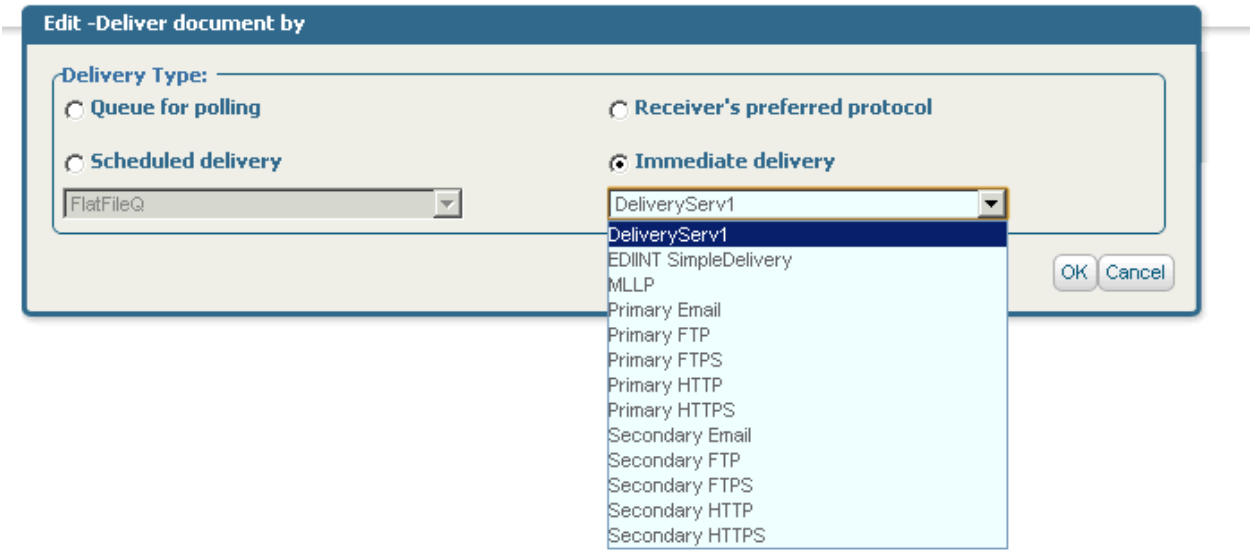


Immediate Delivery:

- Create a delivery service and register that service using wm.tn.delivery:registerService service. This will appear in public queues once you register. While registering the scheduled field of the service should be false



- After registering the service we need to set the delivery method as immediate delivery in the processing rule



Exercise:

1. Deliver a document from Partner 1 to Partner 2 with Queue for Polling Delivery Method
2. Deliver a document from Partner 1 to Partner 2 with Immediate Delivery Method
3. Deliver a document from Partner 1 to Partner 2 with Scheduled Delivery Method