### **AS2 Configuration and troubleshooting:**

AS2 is a specification which is based on http protocol to transmit messages (especially EDI messages) safely, cheaply and quickly. In the last 20 years AS2 has become the most widely used protocol for EDI in many industries, such as the retail and consumer goods industry. Uses Http/s

Default port for AS2 - Base port + 33 (endpoint)

One organization to many partner

Multiple organizations can be created if the client has bought multi-organization license. AS2 Edition is also available

#### 3 ways of transfer

- 1. Filesystem folders
- 2. Mailbox
- 3. Direct processing

Outbound – the files which are meant to be transfer to others Will be placed in the outbound folder. (trying to send files to the partner) Inbound – is the folder where you receive files from your partner. (when you are in the receiving end; get files from any of your partner) Errors – when there are any errors during file transmission (Inbound and outbound) the files are attached with the log file.

### **Configuring Organization:**

- AS2 Certificate (exchange certificate and signing certificate)
- AS2 Organization (your information)
- AS2 Partner (partners information)
- AS2 Relationship (pairing up of AS2 Organization and AS2 Partner)

https://www.ibm.com/support/pages/setting-as2-part-1-as2-organization

#### **AS2** Certificate –

SI dashboard -> Trading Partner -> Digital Certificate -> System -> self -sign certificate



Let's check it out for future use -> Trading Partner>Digital Certificates>System>List ALL.

1. In SI dashboard then Trading Partner -> AS2 -> AS2 partner or organization [GO]



2. Select Organization [need to add when we create  $1^{st}$  time] -> next

AS2 Configuration					
	New Profile: AS2 Configuration Type				
	Organization				
	Partner				

3. Select Create New Identity

AS2 Configuration					
New Profile: /	AS2 Configuration Type: New or Existing				
Oreate New I	dentity				
Use Existing	dentity				

4. Details

Identity			
dentity Name: AS2 Identifier:	ODC CN		]
Profile			
Profile Name:	ORG_SN		
Exchange Certificate	Configure Certificates AS2KEY_SN		
Signing Certificate	Configure Certificates AS2KEY_SN		
Email Address:			
Email Host:			
Email Port:	25		]

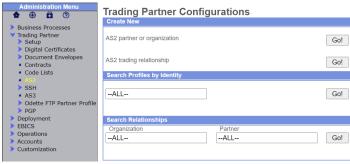
5. After 4<sup>th</sup> step click save then click on finish.

### **Creating Partner:**

# <u>AS2 Certificate – Check-in (Trading Partner>Digital Certificates>Trusted>New Certificate</u>)

Certificate Summary							
System Certificate ID	6197551759c9205fanode1						
Created/Updated by	Joe User						
Creation/Update Time	11/06/2020 1:42 PM						
Thumbprint	SHA1: 292756216614F854CB96C1386E30956020743EB5 SHA256: 03C4CBBEEC0F5BFEA84F07C64802B842C515737B0E7B441EDE79A43F907313F6						
Description		1024					
Status	Date valid Self-signed Verified						

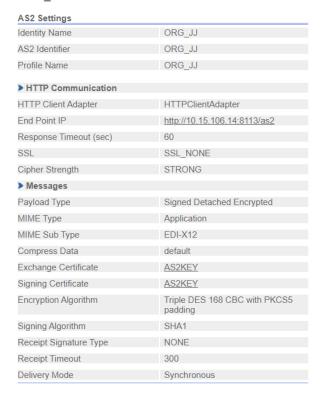
## 1. In SI dashboard



# 2. Select partner and Create New Identity

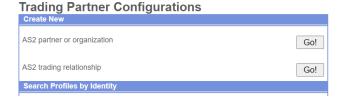


- 3. Provide details
- 4. Choose certificate
- 5. Next and in last just finish



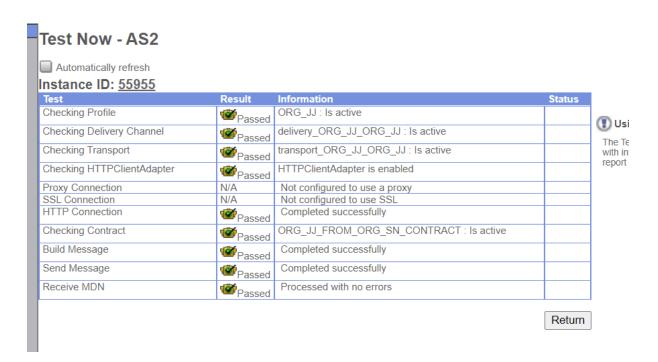
## **Creating AS2 Relationship:**

1. Click



- 2. Provide detail
- 3. In last finish. Once relationship is created then perform test.





Now, you can route files.

#### Troubleshooting

Any errors then check - httpclientlog, httpserverlog, EDIINTlog, BP - TestNowAS2, Perimeter Server Log - Perimeter.log, PsLogger.log

Noapp.log, wf.log, opsserver.log, system.log

#### Issues

- 1) Configuring AS2
- 2) Certificates expire
- 3) MDN
- 4) Routing Files WF
- 5) MailboxAS2Add business process fails for inbound AS2 message with error

https://www.ibm.com/support/pages/mailboxas2add-business-process-fails-inbound-as2-message-error