Activate BW Extractor as ODP Odata Service

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Activate Data Source (RSA5 RSA6 RSA3)	1
Verify Externally Exposed (SE16)	4
Create project in Gateway Service Builder (SEGW)	5
Activate and Maintain Services (/IWFND/MAINT_SERVICE)	8
Activate in Gateway Client (/IWFND/GW_CLIENT)	9
Create Data Flow in AWS Glue	10
Documentation	10

In SAP GUI.

Activate Data Source (RSA5 RSA6 RSA3)

1. RSA5 - activate data source

```
—□ FI
                                   Financial Accounting
    -⊞ 0FI_FM
                                       Funds Management
    -œ 0FI_TV
                                       Travel Management
    —⊞ FI-AA
                                       Fincial Accounting: Asset Accounting
    — □ FI-AP
                                       Financial Accounting: Vendors
   —□ FI-AR
                                       Financial Accounting: Customers
        -⊞ FI-AR-IO
                                           Financial Accounting Master Data: Customers
            -0BD_LOG_DATA
                                           ■ Biller Direct Event Log
            -0CLM_INVOICE
                                           The Optimized Invoice for Collections Management
                                           ■ Dispute Management: Transaction Data
            -0DPM_0
            -0DPM_DEBITOR
                                           Dispute Management: Business Partner
            -0FI_AR_1
                                           Customers: Transaction figures
            -0FI_AR_10
                                           Customer Payment Behavior via Delta Extraction
            -0FI_AR_20

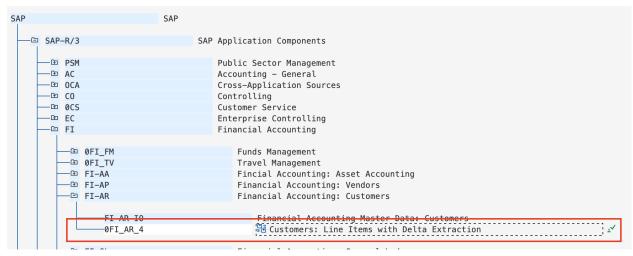
☐ Customer Balances

            -0FI_AR_3
                                           □ Customers: Line Items
            -0FI_AR_30
                                           Customer Line Items
            -0FI_AR_31
                                           Customer Due Date Analysis
            -0FI_AR_4

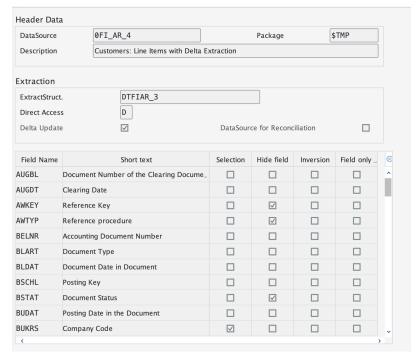
☐ Customers: Line Items with Delta Extraction

            -0FI_AR_5
                                           Customers: Payment History
```

2. RSA6 - validate



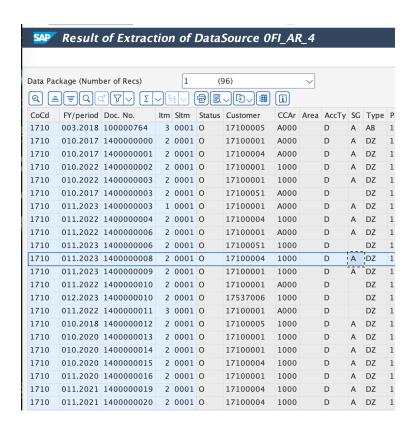
3. Double-click on the extractor to view the fields.



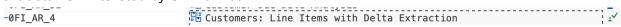
If missing a bunch of fields, go here.

4. Test Extractor - RSA3, first extraction, and then alv grid to view.



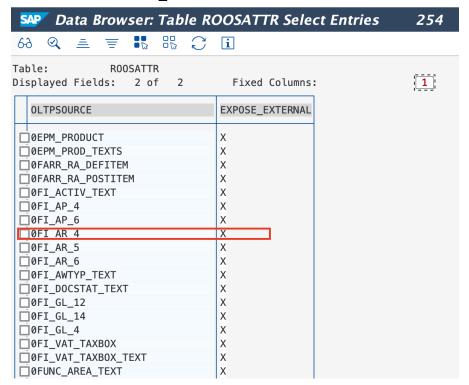


5. Verify it is ODP enabled by checking the ODP icon in RSA5/6 which indicates if the extractor is whitelisted by SAP or not.



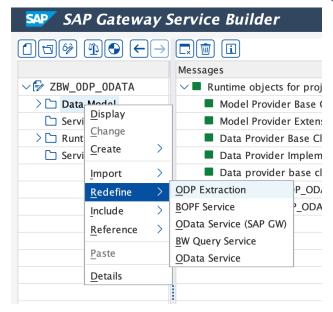
Verify Externally Exposed (SE16)

SE16- Open the contents of table ROOSATTR to verify if there is an entry in the table for extractor and EXPOSE_EXTERNAL indicator is set.



Create project in Gateway Service Builder (SEGW)

Odata Service Generation. SEGW, create and generate package, then redefine:



6. Choose your own same system S4HCLNT100

RFC Destination	Description
ABACLNT100	<fill description="" in=""></fill>
BG_RFC_MM	bg rfc
BGRFC SUPERVISOR	-3
BGRFC SUPERVISOR2	
BGRFC SUPERVISOR3	
DYNAMIC DEST CALLBACK WHITELIST	Callback Positive List for Dynamic Destinations
FINBTR@S4HCLNT000	FINB TR: Generated Destination for Transport Methods
FINBTR@S4HCLNT100	FINB TR: Generated Destination for Transport Methods
FIORI_CLASSICUI_RFC	Client 100
FIORI FLP RFC	Client 100
IWNGW BGRFC	IWNGW BGRFC
LOCAL RFC	
MDGTR@S4HCLNT100	FINB TR: Generated Destination for Transport Methods
NW_RFC	Client 100
S4FIN_RFC	Client 100
S4H	
S4H_000@CIF_CCMS	Connection for CIF-CCMS-Monitoring * generated
S4H_100@CIF_CCMS	Connection for CIF-CCMS-Monitoring * generated
S4H_200@CIF_CCMS	Connection for CIF-CCMS-Monitoring * generated
S4H_300@CIF_CCMS	Connection for CIF-CCMS-Monitoring * generated
S4H_400@CIF_CCMS	Connection for CIF-CCMS-Monitoring * generated
S4H_RFC	
S4H_WORKFLOW_300	S4H_WORKFLOW_300
S4HCLNT100	Client 100
S4HCLNT200	Client 100
S4HCLNT300	Client 300
S4HCLNT400	Client 400
S4L0CAL	S4L0CAL
TM_BGRFC_INBOUND	
TMSADM@S4H.DOMAIN_S4H	TMS Communication Interface *generiert*
TMSSUP@S4H.DOMAIN_S4H	TMS Communication Interface *generiert*
WORKFLOW_REFERENCE_000	SAP Business Workflow
WORKFLOW_REFERENCE_100	SAP Business Workflow
WS_SRV_SAP_WSRT000	
WS_SRV_SAP_WSRT100	

7. Same server, DataSources/Extractors/0FI_AR_4, then Add ODP



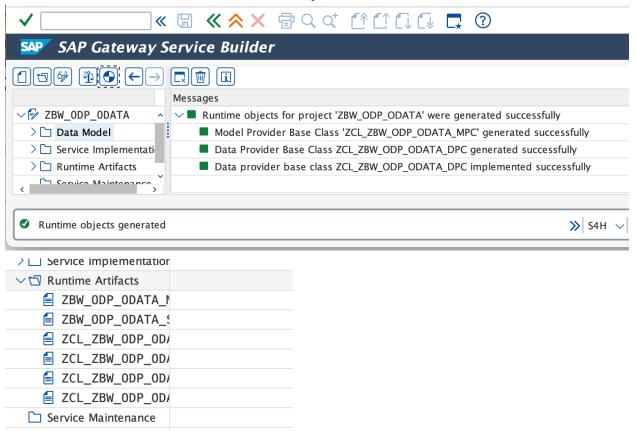
9. Next, Next,

8.

10. Choose all:

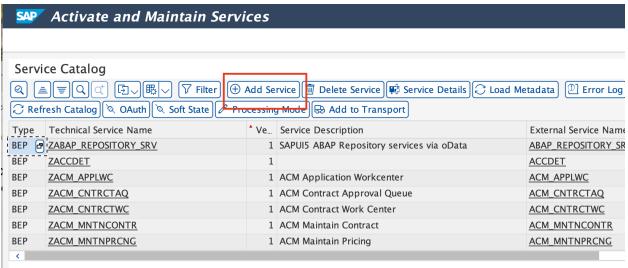


11. Click Save & click on Generate Runtime Objects button

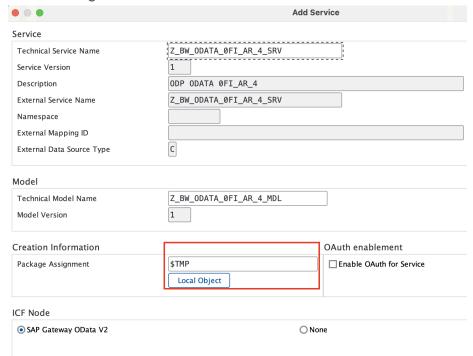


Activate and Maintain Services (/IWFND/MAINT_SERVICE)

12. Go to transaction /IWFND/MAINT_SERVICE and click Add Service



- 13. Enter System Alias as LOCAL and click on Get Services button
- 14. Search the generated service and double-click on it.



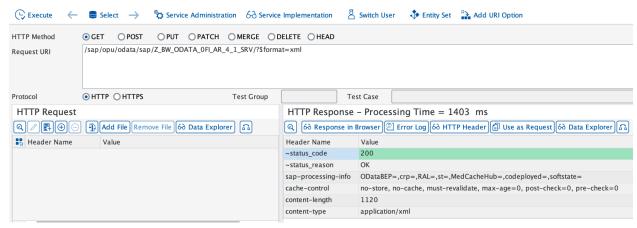
Note the external service name. You will search for this name in AWS Glue. Select the green check. A message that it was created appears

Activate in Gateway Client (/IWFND/GW_CLIENT)

- 15. Go to the SAP Gateway Client / IWFND/GW CLIENT
- 16. Enter the URL for the service:

/sap/opu/odata/sap/Z_BW_ODATA_OFI_AR_4_1_SRV/?\$format=xml and click execute.

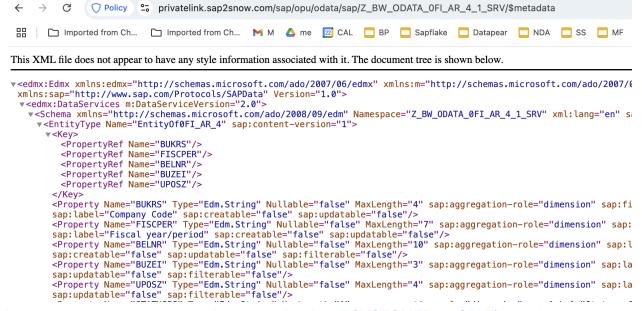
17. Code 200 means there were no errors.



- 18. To view the complete metadata of the service, use the url
- 19. https://privatelink.sap2snow.com/sap/opu/odata/sap/Z_BW_ODATA_0FI_AR_4_1_SRV/\$ metadata

https://privatelink.sap2snow.com/sap/opu/odata/sap/ZMATERIAL SRV/\$metadata

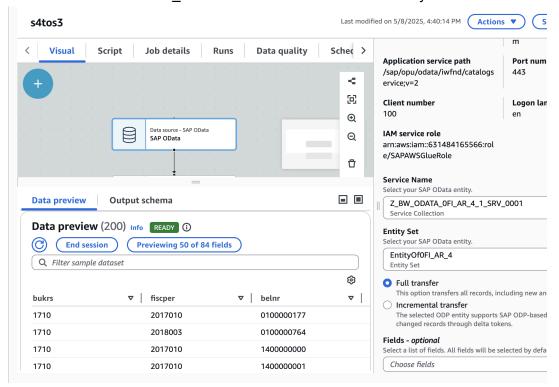
20.



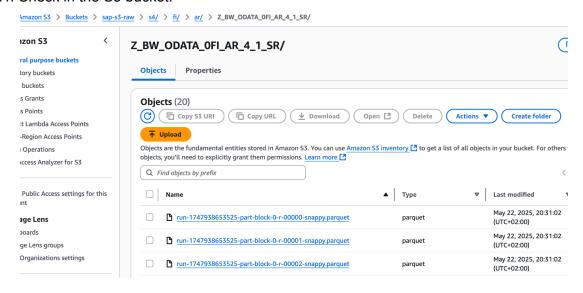
21. https://privatelink.sap2snow.com/sap/opu/odata/sap/ZCUSTOMER 1 SRV/\$metadata

Create Data Flow in AWS Glue

22. In AWS Glue search for Z BW and choose the service and entity:



- 23. Click Run to run the job
- 24. Check in the S3 bucket:



Documentation

Share BW extractor as ODP Odata Service