



هيئة الزكاة والضريبة والجمارك Zakat, Tax and Customs Authority

Analysis Requirement Document

Security Cargo Trigger Data

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Document and Version Information

Document Information	
Document Code	Job_Automation_Document_v1
Classification	External (Security Deputyship)
Name	Job Automation Document – Security Cargo Trigger Data
Description	This job is to show the details of declarations that triggered by security rules.
Version	V2.0
Author	Assyah M. Alrashed
Creation Date	16-Jul-2025

Names	Roles
Analyst Name	Assyah M. Alrashed – ZATCA
	Developer – ZATCA
Support & Testing Name	Support & Testing – ZATCA
	Support & Testing – SAS

Version	Name	Role / Department	Signature	Approval Date
V1.0	Abdulrahman I. Bokhari	Risk Reporting Director	ABOKHARI	16/7/2025
V1.0	Manal K. Almutairi	Data Architecture Director		

Table Automation

1. Overview – Job/Table Information

Job/Table Information			
Job/Table name	Security Cargo Trigger Data		
Reason	This job is to show the details of declarations that triggered by security rules.		
Segment Type	Customs		
	Security		✓
	Tax		
	Zakat		
Duration	Temporary	Date	
	Permanent		✓
Priority	High		✓
	Moderate		
	Low		
Type of Development	New		
	Modification		✓
	Disable		

Table 1: Overview – Job/Table Information

2. Source Tables to be Referenced:

Please note, in case of any external table / dataset not available in schema, refer to the [Appendix I](#) for data location or any attachments.

Table Name	Library Name	Filter at Source Level
CUSTOMS_DECLARATION_RISK	SASSTGF	YEAR (DATEPART (DCLTN_DT_G)) = YEAR (TODAY ())
CUSTOMS_DECLARATION_ITEM_RISK	SASSTGF	YEAR (DATEPART (DCLTN_DT_G)) = YEAR (TODAY ()) AND HSCODE = '98010000003'
SZD_CLASSES_ADDHOC	SASSTGF	DCLTN_ISIN NOT = .
WS_RISK_ALERT_DTLS	SASSTG	
WS_RULES_OUTPUT	SASSTG	
DECLARATIONS	CUSTOMS	DCLTN_ISN NOT = .
STATS_DCLTNS	CUSTOMS	STATS_ISN NOT = .
TRANSITS	CUSTOMS	TRNST_TYPE = 4 AND TRNST_ISN NOT = .
DCLTN_ITEMS	CUSTOMS	
DCLTN_GRP	CUSTOMS	
DCLTN_INVOICES	CUSTOMS	
SRCE_CMPYS	CUSTOMS	
SEA_DLVY_ORDERS	CUSTOMS	
SEA_DLVY_ITEMS	CUSTOMS	
VSSL_BL_ITEMS	CUSTOMS	
VSSL_CNTNRS	CUSTOMS	
VSSL_CNTNR_INSPCTS	CUSTOMS	INSPCT_ACTN_CD IN (1, 2)
VHCL_TRANS	CUSTOMS	
VHCL_TRANSACTIONS	CUSTOMS	ENTRY_EXIT_TIME >= TO_TIMESTAMP ('01-01-2024 00:00:00', 'DD-MM-YYYY HH24:MI:SS') AND PSPRT_NO IS NOT NULL AND VHCL_CHASSIS_NO NOT = ' ' AND VHCL_TRAN_TYPE IN (5, 13, 27, 51)
VHCL_DRIVERS	CUSTOMS	
VHCL_OWNERS	CUSTOMS	
MAN_TRANS	CUSTOMS	TRANS_DATE_H >= TO_TIMESTAMP ('6/19/1445', 'MM/MI/YYYY')
DCLTN_LAND_MNFST_TRANS	CUSTOMS	
DCLTN_LAND_MNFSTS	CUSTOMS	

STATS_VHCLS	CUSTOMS	TRANS_DATE_H >= TO_TIMESTAMP ('6/19/1445' , 'MM/MI/YYYY')
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Table 2: Job Level – Source Tables

3. Intermediate Tables to be Created:

Please refer to the table below to create the intermediate tables based on the source tables mentioned above.

It is to be noted, in case of two or more dependent tables for the creation of intermediate tables, primary keys will be mentioned in the last column of the table below.

Intermediate Table Name	Dependent Source Tables	Filter Required	Tables Joining Conditions (Primary Keys)

Table 3: Job Level - Intermediate Tables

4. Final output table/s:

Output table name	Library Name
SEC_RULE_TRIGGER_DASHBOARD	SASSTGF

Table 4: Job Level - Output Tables

5. Final output table/s Description:

Column Name	Data Type	Description
DECLARATION_RK	Character	معرف البيان في الاستهداف
DCLTN_NBR	Numeric	رقم البيان
DCLTN_ID	Character	معرف البيان (رقم البيان المبدئي - رمز المنفذ)
DCLTN_ISN	Numeric	رقم البيان المبدئي
PORT_CD	Numeric	رمز المنفذ
PORT_NAME	Character	اسم المنفذ
PORT_TYPE_DESC	Character	نوع المنفذ
BIG_PORTS	Numeric	من المنافذ الكبرى

DCLTN_TYPE	Character	نوع البيان
DCLTN_TYPE_CD	Numeric	رمز نوع البيان
DCLTN_TYPE_DESC	Character	وصف نوع البيان
IS_EXPRESS_MAIL	Character	الشحن السريع
DCLTN_DATE	Date	تاريخ البيان
BUS_ID	Character	السجل التجاري الرئيسي
BUS_ID_BRNCH	Character	السجل التجاري الفرعي
BUS_ID_TYPE_CD	Numeric	رمز نوع السجل
BUS_ID_TYPE_NAME	Character	وصف نوع السجل
IMPR_NBR	Numeric	رقم المستورد
AEO	Numeric	هل المستورد مشغل اقتصادي
LTP	Numeric	هل المستورد كبار مكلفين
COM_SRCE_NAME	Character	اسم الشركة المصدرة للبيانات الواردة
COC_RELEASE_TYPE	Character	نوع الفسخ من الاستقبال
RULE_ID	Character	رمز القاعدة المستهدفة
TRIGGER_DATE	Date	تاريخ الاستهداف
RSK_ENGNE_RELEASE_TYPE	Character	نوع الفسخ من محرك المخاطر
TRIGGERED	Numeric	البيان مستهدف
SZD_NUMBER	Character	رقم المحضر
ISSMUGGLING	Numeric	البيان عليه قضية تهريب
F_LEVEL	Character	مستوى خطورة المحضر
SZD_DATE	Date	تاريخ المحضر
HAS_SZD	Numeric	البيان لديه محضر
PORT_RELEASE_TYPE	Character	نوع الفسخ في المنفذ
CNTNR_MRK	Character	رقم الحاوية
VHCL_CHASSIS_NO	Character	رقم الهيكل للمركبة
BILL_NBR	Character	رقم البوليصة

Table 5: Job Level - Output Tables Description

6. Execution Frequency Daily/ Monthly/ Quarterly:

Frequency	Time of the day
DAILY	7:00 AM

Table 6: Job Level - Execution Frequency

Email Notification:

Purpose	Recipients in (To)	Recipients in (CC)	Frequency
<When Job is successfully completed>	Assyah M. Alrashed Nidaa A. Alsaedi AlAnoud I. AlMousa	Atheer A. Alhussan Abdulrahman I. Bokhari	DAILY
<When Job is Failed>	Assyah M. Alrashed Nidaa A. Alsaedi AlAnoud I. AlMousa	Atheer A. Alhussan Abdulrahman I. Bokhari	DAILY
<Other Purpose>			

Table 7: Job Level - Email Notification

Additional requirement:

Attach Code:



Appendix

Appendix 1: External Files

Appendix 2: SAS Codes

<Please update it>