**

Government Interface Service Specification

Accounts Statements

**Atomic Service**

**(EXT-RP-BEA-001-020)**

**Banking Enforcement Automation**

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**Distribution List**

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| **SAMA UAT/Testing** |  |
| **Solution Delivery** |  |
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*Approvals can be obtained by e-mails, or document sign-off*

# Introduction

SAMA is automating banking enforcement services and the “Accounts Statements” ("**كشوف الحسابات**") is one of the services will be used by the requesting party (MOJ and other government agencies) to request “Account Statement Inquiry” action from the financial institutes for previously executed action against the involved party, and this service is one of the services will be automated.

## Purpose

The purpose of this document is to describe the interface specifications between SAMA and Requesting parties (MOJ and other government agencies)

Service is explained with the input and output requirements along with exception scenarios of the service.

## Scope

This document defines the **Account Statement** and **Account Statement Call Back** services between SAMA and MOJ and other government agencies

## Out of Scope

None

# Service Information

**RP Account Statement** and **RP Account Statement Call Back** services cover the Account Statement action one a previously execute action by financial institutes on the involved party

## Service Overview

|  |  |
| --- | --- |
| Service Information | |
| Business Categorization | SAMA Banking Enforcement |
| Service IDs | EXT-RP-BEA-001-020 |
| Service Name | RP Account Statement |
| Service Call Back Name | RP Account Statement Call Back |
| Service Category | Execution Services |
| Service Sub-Category | Relationship Management Services |
| URL/WSDL | [https://ip:443/bea/ws/ex/rp/acctstmnt/v\*](https://ip:443/bea/ws/ex/rp/acctstmnt/v*)  [https://ip:443/bea/ws/ex/rp/acctstmntcallback/v\*](https://ip:443/bea/ws/ex/rp/acctstmntcallback/v*) |
| Service Type | Request Response with Synchronous Acknowledgement |
| Service Protocol | SOAP/HTTPS (External) |
| Business Requirements Doc ID(s) | وثيقة متطلبات الاعمال لخدمة كشوف الحسابات |

## Service Description

**RP Account Statement** is a web service implemented by SAMA and it is used by MOJ and other government agencies (**Requesting Party**) in order to request info about accounts statement.

**RP Account Statement Call Back** is a web service implemented by MOJ (**Requesting Party**) and it is used by SAMA in order to send info about accounts statement.

It contains following operations:

* RP Account Statement
* RP Account Statement Call Back

## Service Context

The service context describes the service providers and service consumers

|  |  |  |  |
| --- | --- | --- | --- |
| Service Name | Protocol | Service Provider | Service Consumer |
| RP Account Statement | SOAP/HTTPS | SAMA | Requesting Party |
| RP Account Statement Call Back | SOAP/HTTPS | Requesting Party | SAMA |

## Service Operations Organization

Service operation has input and output.

Input and output contains header and body parts. Header part contains technical and common data, while body part contains business data. **Each service operation will be in a separate WSDL.**

## Service Operations

#### RP Account Statement

This operation is used to execute accounts statement inquiry action against the involved party in the Financial Institutions. Upon receiving this request from requesting party SAMA will perform logical validations on input message.

If validation fails, SAMA will return response to government agency (**Requesting Party**) with list of validation errors.

If validation passes, SAMA will return acknowledgment response to government agency (**Requesting Party**) with reference number which means the request received successfully and the government agency has to wait for the SAMA to get the response from financial institutes and send it back to requesting party through call back service

#### RP Account Statement Call Back

SAMA will continue with the process of contacting Financial Institutes and gather the data or information of the request.

When SAMA gathers data from the financial institutes. It will call service **RP Account Statement Call Back** which government agencies (**Requesting Party**) have to expose.

## Service Messages

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | Message Formats | | |
| XML Schema | **Name** | | **Directory** | **Version** |
| BaseLib.xsd | | /common | 1.70 |
| Header.xsd | | /common | 1.53 |
| RPAcctStmnt.xsd | | /inquiry/services | 1.0 |
| WSDL file | RPAcctStmnt.wsdl | | /inquiry/interfaces | 1.0 |
| RPAcctStmntCallback.wsdl | | /inquiry/interfaces | 1.0 |

|  |  |  |
| --- | --- | --- |
| ID | Message Name | Description |
|  | RPAcctStmntRq | This message represents ban dealing request message coming to SAMA from Requesting party |
|  | RPAcctStmntRs | This message represents ban dealing response message going from requesting party to SAMA |

|  |  |  |
| --- | --- | --- |
| ID | Message Name | Description |
|  | RPAcctStmntCallBackRq | This message represents request message going from SAMA to Requesting party |
|  | RPAcctStmntCallBackRs | This message represents response message coming to SAMA from Requesting party |

## Service Contract

The service contract reference provides the service interfaces for **RP Account Statement** & **RP Account Statement Call Back** services in the form of WSDL and XSD

#### Service WSDL & XSD

Refer Appendix A for the WSDL and XSD for the request and response objects

## Service Security

Please refer to Security Requirement Document

**2.8.1 Signed Fields**

There are no signed fields for this service.

# Service Details

## RP Account Statement

#### RP Account Statement Request (RPAcctStmntRq)

Elements for XML message in request object presented in the table below.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | | **Field Type** | **Length** | **Occurs** | **Mandatory Y**(condition)**, N**(condition)**, S**(options)**, I**(services) | **Allowed Values** | **Xpath** | **Description** |
| *Header* | *Complex* |  | *1* | *Y* |  | */RqHdr* |  |
| *Body* | *Complex* |  | *1* | *Y* |  | */Body* |  |
| *RPAcctStmntRq* | *Complex* |  | *1* | *Y* | *Type [T\_RPAcctStmntRq]* | */Body/RPAcctStmntRq* |  |
| *Requester* | *Complex* |  | *1* | *Y* | *Type [T\_Rqstr]* | */Body/RPAcctStmntRq/Rqstr* |  |
| *Involved Party* | *Complex* |  | *1* | *N(In case of BAI exist)* | *Type [T\_RpInvPrty]* | */Body/RPAcctStmntRq/InvPrty* |  |
| *Account Statement Outline* | *Complex* |  | *1* | *Y* | *Type [T\_RPAcctStmntOutline]* | */Body/RPAcctStmntRq/Outline* |  |
| *Bank Account Identification (BAI)* | *Complex* |  | *1* | Y (Financial Institution is not found) | *Type [T\_AccId]* | */Body/RPAcctStmntRq/Outline/AccId* |  |
| Financial Relation Type | Text | 2 | 1 | Y | LOV(Service Type) | /Body/RPAcctStmntRq/Outline/FinRelType |  |
| Bond Type | Text | 2 | 1 | N | LOV(Service Type) | /Body/RPAcctStmntRq/Outline/BondType |  |
| *Date Duration* | *Complex* |  | *1* | *Y* | *Type[T\_Date\_Duration]* | */Body/RPAcctStmntRq/Outline/DateDuration* |  |
| *Target Financial Institution* | *Complex* |  | *1* | Y (Account Statement Outline>Bank Account Identification (BAI) is not found) | *Type [T\_FinInst]* | */Body/RPAcctStmntRq/FinInst* |  |

#### RP Account Statement the Restriction Response (RPAcctStmntRs)

Elements for XML message in response object presented in the table below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Length** | **Occurs** | **Mandatory Y**(condition)**, N**(condition)**, S**(options)**, I**(services) | **Allowed Values** | **Xpath** | **Description** |
| *Headr* | *Complex* |  | *1* | *Y* |  | */RsHdr* |  |
| *Body* | *Complex* |  | *1* | *N* |  | */Body* |  |

## RP Account Statement Call Back

#### RP Account Statement Call Back Request (RPAcctStmntCallBackRq)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Length** | **Occurs** | **Mandatory Y**(condition)**, N**(condition)**, S**(options)**, I**(services) | **Allowed Values** | **Xpath** | | **Description** | |
| *Header* | *Complex* |  | *1* | *Y* |  | | */RqHdr* |  |
| *Body* | *Complex* |  | *1* | *Y* |  | | */Body* |  |
| *RPAcctStmntCallBackRq* | *Complex* |  | *1* | *Y* | *Type [T\_RPAcctStmntCallBackRq]* | | */Body/RPAcctStmntCallBackRq* |  |
| *FIRsAcctStmntDtls* | *Complex* |  | *1* | N | *Type [T\_FIRsAcctStmntDtls]* | | */Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls* |  |
| *FIRsAcctStmntInfo* | *Complex* |  | *1..\** | *Y* | *Type [T\_FIRsAcctStmntInfo]* | | */Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo* |  |
| FICode | Text | 5 | 1 | Y | LOV (FI's, Appindex: B) | | /Body/RPTransferCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/FICode | Financial Institution Code |
| FIRsStatus | Text | 8 | 1 | Y | Section 3.3 Response Status Code | | /Body/RPTransferCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/FIRsStatus | Financial Institution response status |
| *Customer Info* | *Complex* |  | *1* | Y(Involved Party is a Customer) | *Type [T\_CustInfo]* | | */Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/CustInfo* |  |
| *Product Users List* | *Complex* |  | *1* | *Y(In case inquiry by account and relation exist)* | *Type [T\_PrdUsrsLis]* | | */Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/PrdUsrsList* |  |
| Id/Account Relationship | Text | 2 | 1 | Y | LOV(Service Type) | | /Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/IdAcctRel | The relation between ID and Account for the bank |
| *Account Summary Info List* | *Complex* |  | *1* | *Y(In case accounts relation)* | *Type [T\_AcctSumryInfoList]* | | */Body/RPAcctStmntCallBackRq/FIRsAcctStmntDtls/FIRsAcctStmntInfo/AcctSumryInfoList* |  |

#### RP Account Statement the Restriction Call Back Response (RPAcctStmntCallBackRs)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Type** | **Length** | **Occurs** | **Mandatory Y**(condition)**, N**(condition)**, S**(options)**, I**(services) | **Allowed Values** | **Xpath** | **Description** |
| *Headr* | *Complex* |  | *1* | *Y* |  | */RsHdr* |  |
| *Body* | *Complex* |  | *1* | *N* |  | */Body* |  |

## Header

To describe the header object

For details please refer to “WATHEEQ Message Header v1.53.docx” in common folder

## Base Lib

To describe the common objects between all services

For details please refer to “LIB-BEA-COM-000-Base Library v1.70.docx” in common folder

## Response Status Code

|  |  |
| --- | --- |
| *Status Code Specifications* | |
| *Status Code* | ***Description*** |
| S0000000 | Success : The operation done successfully |
| S9200001 | No Bank Relation |
| S9200002 | There are no transactions on the account(s) based on the requested duration |
| S9200003 | The attachment(s) couldn’t be sent |
| S9200004 | ID belongs to client / All accounts are joint / The relation is not accounts |
| *Comments* | **For Failed Operation, please refer to Error Code in details for each service** |

## Error Code & Messages

|  |  |
| --- | --- |
| *Error Code* | *Error Description* |
|  |  |
|  |  |

# Appendices

## Appendix A: Codes

Please refer to List of values (LOVs) Document

## Appendix B: Glossary

|  |  |
| --- | --- |
| Abbreviation | Expansion |
| HTTPS | Hyper Text Transfer Protocol Secure |
| SAMA | Saudi Arabian Monetary Agency |
| MOJ | Ministry of justice |
| WS | Web Services |
| SOA | Service Oriented Architecture |
| SOAP | Simple Object Access Protocol |
| WSDL | Web Service Description Language |
| XML | Extensible Mark-up Language |
| XSD | Xml Schema Definition |
| MQ | Message Queue |

## Appendix C: Mandatory Fields Description

|  |  |
| --- | --- |
| Character | Description |
| Y | This element is required in all cases. |
| Y (Condition) | This element is required only in the case of the condition satisfied, otherwise it shouldn't be sent |
| N | This element is optional in all cases |
| N (Options) | This element is optional only in the case of the condition satisfied, otherwise it should be sent. |
| S (Options) | Only one element of the options should be come |

## Appendix D: Service Details Color Mapping

|  |  |
| --- | --- |
| Color | Description |
| Red | Updated Information |
| Red with Strikethrough | Deleted Information |