# Legacy SAM Exclusion Search Web Service

# vs

# Beta SAM Exclusion API

**General Services Administration (GSA)**
**Integrated Award Environment (IAE)**

**Last Updated July 8, 2019**

# Contents

# 1. Introduction

Legacy SAM currently provides SOAP-based web service, available since 2013, to users wishing to view exclusions data in a contract writing or other systems.  This web service is largely used by the non-federal community in health care and financial industries.

Beta SAM will replace and enhance the legacy SOAP-based web service with a RESTful API to provide an equivalent role.

This document will outline the critical differences in schema and approach between the Legacy SAM Exclusion Search web service and the Beta SAM Exclusion API to help bridge the gap in testing and provide direction for downstream system consumers.

# 2. High-Level Differences

|  | **Legacy SAM Web Service** | **Beta SAM API** |
|---|---|---|
| **Protocol** | SOAP | REST |
| **Format** | XML | JSON |
| **Authentication** | None | API Key |
| **Roles** | None, all data is public | None, all data is public |
| **Access Control** | None | • API Key |
| **Request Schema Approach** | Multiple get data and reference operations. | Single operation with several available request parameters to allow for highly customized requests if so desired. |
| **Response Schema Approach** | All publically available data for the exclusion found | All publically available data for the exclusion found |
| **Search Domain** | Active and Inactive exclusions | Active exclusions only due to data availability |

## Unique Entity Identifier

In Legacy SAM, the primary unique identifier for a Firm exclusion is the Dun and Bradstreet DUNS number.  Beta SAM will change the unique entity identifier in content and take a more agnostic naming approach.  Ultimately this new unique entity identifier will take over from the current DUNS number.  In recognition of this, there are the following differences:

- DUNSNumber in legacy becomes ueiDUNS.  This change is applicable in the request and response schemas.

- The new unique identifier will be ueiSAM and this is applicable in both the request and response schemas.

The ueiSAM will not be present in legacy SAM.

# 3. Legacy SAM vs Beta SAM Request Differences

The Legacy SAM Exclusion Search web service uses several different operations.  Beta SAM Exclusion API uses a single endpoint and operation.

The following Legacy SAM Exclusion Search operations direct directly to Beta SAM:
- doSearch

The following Legacy SAM Exclusion Search operations will map to Beta SAM in the future:
- doSsnSearch

See below for the legacy SAM request parameter and the Beta SAM equivalent:

| Legacy SAM Web Service | Beta SAM API |
|---|---|
| actionDate | activationDate |
| agency | excludingAgencyCode |
| agencyUID/cage | cageCode |
| agencyUID/npi | npi |
| classification | classificationType |
| country | country |
| createDate | creationDate |
| deleteDate | NOT IN BETA |
| DUNSNumber | ueiDUNS |
| *exactName* | *NOT IN BETA* |
| exclusionType | exclusionType |
| includeInactive | NOT IN BETA |
| first | NOT IN BETA |
| last | NOT IN BETA |
| middle | NOT IN BETA |
| modifyDate | updateDate |
| name | exclusionName |
| partialName | NOT IN BETA |
| prefix | NOT IN BETA |
| exclusionProgram | exclusionProgram |
| ssnOrTin | ssn |
| ssnOrTin | tin |
| state | stateProvince |

| | |
|---|---|
| suffix | NOT IN BETA |
| termDate | terminationDate |
| periodicity | NOT IN BETA |
| NOT IN LEGACY | zipCode |
| NOT IN LEGACY | ueiSAM |
| NOT IN LEGACY | excludingAgencyName |
| NOT IN LEGACY | ctCode |
| NOT IN LEGACY | page |
| NOT IN LEGACY | size |
| NOT IN LEGACY | includeSections |
| NOT IN LEGACY | format |
| NOT IN LEGACY | emailId |

For any date parameters such as termDate/terminationDate, Beta and Legacy change as follows:

- Legacy SAM: YYYY-MM-DD (ex: 2013-11-20)

- Beta SAM: MM/DD/YYYY (ex: 11/20/2013)

For a full list of the Beta SAM Entity Management API parameters, view the GitHub site available here: https://open.gsa.gov/api/exclusions-api/.

# 4. Legacy SAM vs Beta SAM Response Differences

## Response Structure

The response structures for both Legacy and Beta SAM are comparable although there are some key reorganizations.

| Legacy SAM Web Service | Beta SAM API |
|---|---|
| *excludedEntity* | *exclusionDetails* |
| entityIdentification | exclusionIdentification |
| entityIdentification/listOfActions | exclusionActions |
| address | exclusionAddress |
| entityIdentification (partially) | exclusionOtherInformation |
| Not Present | vesselDetails |

## Entity EFT Indicator

In legacy SAM entities, the DUNS+4 is a unique identifier indicating an additional bank account tied to a physical address. In Beta SAM, this DUNS+4 will be replaced by entityEFTIndicator.

Everywhere there is a DUNS4 or DUNSPlus4 in legacy SAM, that will be entityEFTIndicator in Beta.

For exclusions, legacy SAM does not provide the DUNS+4 data element as it is not relevant or provided by Exclusion administrators. The entityEFTIndicator is a data element in the Beta SAM Exclusion API.

## Address Schema Updates

All Exclusions must have a primary address. The Beta SAM Exclusions API standardizes the schema to make it comparable to the Entity Management API. The mapping is as follows:

| Legacy SAM Web Service | Beta SAM API |
|---|---|
| street1 | addressLine1 |
| street2 | addressLine2 |
| city | city |
| state | stateOrProvinceCode |
| province | stateOrProvinceCode |
| zipOrPostalcode | zipCode |
| Not included | zipCodePlus4 |
| country | countryCode |

## Exclusion Data Element Name Updates

Beta SAM has updated the Exclusion response data element names without updating the functional meaning as follows:

| Legacy SAM Web Service | Beta SAM API |
|---|---|
| classification | classificationType |
| comments | additionalComments |
| termDate | terminationDate |
| termType | terminationType |
| agencyComponent | excludingAgencyCode |

## New Data Elements

The Beta SAM Exclusions API adds the following data elements / areas:
- excludingAgencyName
- dnbInvestigationStatus
- moreLocations

- vesselDetails

- secondaryAddress

Only the excludingAgencyName returns data at this time.