

Romanian ID Issuer

EOAPI v1.1

Request for feedback

[Notes: The data model is according to TPD List of Specifications v1.4.2]

Document History

| Version | Date | Change |
|---------|------------|---|
| V0.1 | 05/07/2019 | Initial version of EOAPI |
| V0.5 | 10/07/2019 | <p>Adding authentication details</p> <p>Enhance the management of entities involved (economic operators, facilities, machines) by adding POST, PUT and DELETE operations</p> <p>Adding the details about encoding the unique identifiers for all entities involved (economic operators, facilities, machines)</p> |
| V0.6 | 24/07/2019 | <p>Correcting the encoding of unit level and aggregated identifiers</p> <p>Adding details for human readable encoding of unit level and aggregated identifiers</p> |
| V0.7 | 7/08/2019 | <p>Adding the 404 response for the following calls:</p> <p>GET /EconomicOperators/{id}</p> <p>PUT / EconomicOperators /{id}</p> <p>DELETE /EconomicOperators/{id}</p> <p>GET /Facilities/{id}</p> <p>PUT / Facility /{id}</p> <p>DELETE /Facility/{id}</p> <p>GET /Machines/{id}</p> <p>GET /Machines/{id}</p> <p>PUT /Machines/{id}</p> <p>DELETE /Machines/{id}</p> <p>GET /UnitLevelIdentifiers/{requestId}/status</p> <p>PUT /UnitLevelIdentifiers/{requestId}/recall</p> <p>GET /UnitLevelIdentifiers/{requestId}</p> <p>GET / AggregatedLevelIdentifiers /{requestId}/status</p> <p>PUT / AggregatedLevelIdentifiers /{requestId}/recall</p> <p>GET / AggregatedLevelIdentifiers /{requestId}</p> |
| V1.0 | 17/09/2019 | Clarifications on Recall API and UUIDs |
| V1.1 | 28/01/2020 | Address Field technical split and small corrections |


```
VudHMILCJxdWVyeS11c2Vycylslm1hbmFnZS1ldmVudHMILCJtYW5hZ2UtdmVhbG0iLCJ2aWV3LWV2ZW50cyIsInZpZ3R5bWU0aG9yaXphdGlvbiIsIm1hbmFnZS1jbGllbnRzIiwicXVlcnktZ3JvdXBzIl19LCJhY2NvdW50Ijp7InJvbGVzIjpbIm1hbmFnZS1hY2NvdW50IiwibWFuYXdllWFjY291bnQtbGlua3MiLCJ2aWV3LXByb2ZpbGUuXX19LCJzY29wZSI6InByb2ZpbGUgZW1haWwifQ.ebGya0jZ0MELzmm0ib2bltOkjNNV5b4GtdXsu8FseKY",
  "token_type": "bearer",
  "not-before-policy": 1524055996,
  "session_state": "ef721f42-640b-41f6-9074-b5f56b76bec1",
  "scope": "profile email"
}
```

Data structures

All the data structures used by this RESTful Web Services are according to TPD List of Specifications v1.4.2 and EU Secondary Data Dictionary 1.4.2.

Economic Operators

GET /EconomicOperators

Description

Returns all economic operators to which the current user has access

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------|
| 200 | Successful operation | List<REOD> |
| 500 | Internal error | RESTException |

GET /EconomicOperators/{id}

Description

Returns details of a specific economic operator

Parameters

| Type | Name | Description | Schema |
|------|-----------------------|---------------------------------|--------|
| Path | id <i>required</i> | The id of the Economic Operator | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---|---------------|
| 200 | Successful operation | REOD |
| 404 | Entity not found | |
| 500 | Cannot get the specific economic operator | RESTException |

POST /EconomicOperators

Description

Creates new Economic Operator

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|---|--------|
| Body | body <i>required</i> | The request for a new Economic Operator | REO |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|--|
| 200 | Successful operation | EOld <i>The id of the Economic Operator</i> |
| 500 | Cannot create the request | RESTException |

PUT / EconomicOperators /{id}

Description

Update an Economic Operator

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|---|--------|
| Body | body <i>required</i> | The request for changing the details of an existing Economic Operator | CEO |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

DELETE /EconomicOperators/{id}

Description

Deactivate an Economic Operator

Parameters

| Type | | Name | Description | Schema |
|------|--|-------------------------|---|--------|
| Body | | body <i>required</i> | The request to deactivate an existing Economic Operator | DEO |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

Facilities

GET /Facilities

Description

Returns all facilities to which the current user has access

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------|
| 200 | Successful operation | List<RFAD> |
| 500 | Internal error | RESTException |

GET /Facilities/{id}

Description

Returns details of a specific facility

Parameters

| Type | Name | Description | Schema |
|------|-----------------------|------------------------|--------|
| Path | id <i>required</i> | The id of the Facility | string |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------------------|---------------|
| 200 | Successful operation | RFAD |
| 404 | Entity not found | |
| 500 | Cannot get the specific facility | RESTException |

POST /Facility

Description

Creates new Facility

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|--------------------------------|--------|
| Body | body <i>required</i> | The request for a new Facility | RFA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---|
| 200 | Successful operation | FacilityId <i>The id of the Facility</i> |
| 500 | Cannot create the request | RESTException |

PUT / Facility /{id}

Description

Update a Facility

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|--|--------|
| Body | body <i>required</i> | The request for changing the details of an existing Facility | CFA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

DELETE /Facility/{id}

Description

Deactivate a Facility

Parameters

| Type | | Name | Description | Schema |
|------|--|-------------------------|--|--------|
| Body | | body <i>required</i> | The request to deactivate an existing Facility | DFA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

Machines

GET /Machines

Description

Returns all machines to which the current user has access

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------|
| 200 | Successful operation | List<RMAD> |
| 500 | Internal error | RESTException |

GET /Machines/{id}

Description

Returns details of a specific machine

Parameters

| Type | Name | Description | Schema |
|------|-----------------------|-----------------------|--------|
| Path | id <i>required</i> | The id of the Machine | string |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------------|---------------|
| 200 | Successful operation | RMAD |
| 404 | Entity not found | |
| 500 | Cannot get the specific Machine | RESTException |

POST /Machines

Description

Creates new Machine

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|-------------------------------|--------|
| Body | body <i>required</i> | The request for a new Machine | RMA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|--|
| 200 | Successful operation | Machined <i>The id of the Machine</i> |
| 500 | Cannot create the request | RESTException |

PUT /Machines/{id}

Description

Update a Machine

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|---|--------|
| Body | body <i>required</i> | The request for changing the details of an existing Machine | CMA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

DELETE /Machines/{id}

Description

Deactivate a Machine

Parameters

| Type | | Name | Description | Schema |
|------|--|-------------------------|---|--------|
| Body | | body <i>required</i> | The request to deactivate an existing Machine | DMA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---------------|
| 200 | Successful operation | |
| 404 | Entity not found | |
| 500 | Cannot create the request | RESTException |

Unit Level Unique Identifiers

GET / UnitLevelIdentifiers

Description

Returns all Unit Level Identifiers requested in the last 6 months

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------|
| 200 | Successful operation | List<ISU> |
| 500 | Internal error | RESTException |

POST /UnitLevelIdentifiers

Description

Creates new Unit Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|--|--------|
| Body | body <i>required</i> | The request for the Unit Level Identifiers. The ISU payload will be extended with delivery type and urgency flag. In case of an urgent request the recall operation will throw an exception. | ISU |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---|
| 200 | Successful operation | UIRequestId <i>The id of the request</i> |
| 500 | Cannot create the request | RESTException |

GET /UnitLevelIdentifiers/{requestId}/status

Description

Returns the status of a specific request for Unit Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|--|--------|
| Path | requestId <i>required</i> | The id of the request for Unit Level Identifiers | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------------|--|
| 200 | Successful operation | UIStatus The status of the Unit Level Identifiers Request |
| 404 | Entity not found | |
| 500 | Cannot get the specific status | RESTException |

PUT /UnitLevelIdentifiers/{requestId}/recall

Description

Recall a specific request of Unit Level Identifiers. This can be performed in 24 working hours calculated from the time of request.

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|---|--------|
| Body | body <i>required</i> | The recall for a specific request of Unit Level Identifiers | RCL |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--------|
| 200 | Successful operation | |
| 404 | Entity not found | |

| | | |
|-----|---|---------------|
| 500 | <p>Cannot recall the Unit Level Identifiers Request. There are several types of business exceptions foreseen for this call:</p> <ul style="list-style-type: none"> • The request is already recalled; • An urgent request cannot be recalled; • The codes are already generated, and the request cannot be recalled. | RESTException |
|-----|---|---------------|

GET /UnitLevelIdentifiers/{requestId}

Description

Returns the requested Unit Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|--|--------|
| Path | requestId <i>required</i> | The id of the request for Unit Level Identifiers | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------------|-----------------------------------|
| 200 | Successful operation | IRU The Unit Level Identifiers |
| 404 | Entity not found | |
| 500 | Cannot get the specific status | RESTException |

Aggregated Level Unique Identifiers

GET / AggregatedLevelIdentifiers

Description

Returns all Aggregated Level Identifiers requested in the last 6 months

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|---------------|
| 200 | Successful operation | List<ISA> |
| 500 | Internal error | RESTException |

POST / AggregatedLevelIdentifiers

Description

Creates new Aggregated Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|--|--------|
| Body | body <i>required</i> | The request for the Aggregated Level Identifiers. The ISA payload will be extended with delivery type and urgency flag. In case of an urgent request the recall operation will throw an exception. | ISA |

Responses

| HTTP Code | Description | Schema |
|-----------|---------------------------|---|
| 200 | Successful operation | UIRequestId <i>The id of the request</i> |
| 500 | Cannot create the request | RESTException |

GET / AggregatedLevelIdentifiers /{requestId}/status

Description

Returns the status of a specific request for Aggregated Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|--|--------|
| Path | requestId <i>required</i> | The id of the request for Aggregated Level Identifiers | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------------|--|
| 200 | Successful operation | UIStatus The status of the Aggregated Level Identifiers Request |
| 404 | Entity not found | |
| 500 | Cannot get the specific status | RESTException |

PUT / AggregatedLevelIdentifiers /{requestId}/recall

Description

Recall a specific request of Aggregated Level Identifiers. This can be performed in 24 working hours calculated from the time of request.

Parameters

| Type | Name | Description | Schema |
|------|-------------------------|---|--------|
| Body | body <i>required</i> | The recall for a specific request of Aggregated Level Identifiers | RCL |

Responses

| HTTP Code | Description | Schema |
|-----------|----------------------|--------|
| 200 | Successful operation | |

| | | |
|-----|---|---------------|
| 404 | Entity not found | |
| 500 | <p>Cannot recall the Aggregated Level Identifiers Request. There are several types of business exceptions foreseen for this call:</p> <ul style="list-style-type: none"> • The request is already recalled; • An urgent request cannot be recalled; • The codes are already generated, and the request cannot be recalled. | RESTException |

GET / AggregatedLevelIdentifiers /{requestId}

Description

Returns the requested Aggregated Level Identifiers

Parameters

| Type | Name | Description | Schema |
|------|------------------------------|--|--------|
| Path | requestId <i>required</i> | The id of the request for Aggregated Level Identifiers | string |

Responses

| HTTP Code | Description | Schema |
|-----------|--------------------------------|---|
| 200 | Successful operation | IRA The Aggregated Level Identifiers |
| 404 | Entity not found | |
| 500 | Cannot get the specific status | RESTException |