

Romanian ID Issuer

EOAPI v1.1.1

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 UIDs
V1.1	28/01/2020	Address Field technical split and small corrections
V1.1.1	03/02/20202	Adding API endpoints to retrieve the router responses :

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

GET /EconomicOperators/{id}/routerResponse

Description

Returns router responses of a specific economic operator

Parameters

Type	Name	Description	Schema
Path	id	The id of the Economic Operator	string

	<i>required</i>		
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Responses

HTTP Code	Description	Schema
200	Successful operation	List<RouterResponse>
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
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Body	body <i>required</i>	The request for changing the details of an existing Economic Operator	CEO
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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

GET /Facilities/{id}/routerResponse

Description

Returns router responses of a specific facility

Parameters

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

HTTP Code	Description	Schema
200	Successful operation	List<RouterResponse>
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
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Body	body <i>required</i>	The request for changing the details of an existing Facility	CFA
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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

GET /Machines/{id}/routerResponse

Description

Returns router responses of a specific machine

Parameters

Type	Name	Description	Schema
Path	id	The id of the Machine	string

	<i>required</i>		
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Responses

HTTP Code	Description	Schema
200	Successful operation	List<RouterResponse>
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

GET /UnitLevelIdentifiers/{id}/routerResponse

Description

Returns router responses of a specific request for Unit Level Identifiers

Parameters

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

Responses

HTTP Code	Description	Schema
200	Successful operation	List<RouterResponse>
404	Entity not found	
500	Cannot get the specific request for Unit Level Identifiers	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	Cannot recall the Unit Level Identifiers Request. There are several types of business exceptions foreseen for this call: <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	The id of the request for Unit Level Identifiers	string

	<i>required</i>		
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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

GET /AggregatedLevelIdentifiers/{id}/routerResponse

Description

Returns router responses of a specific request for Aggregated Level Identifiers

Parameters

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

Responses

HTTP Code	Description	Schema
200	Successful operation	List<RouterResponse>
404	Entity not found	

500	Cannot get the specific request for Aggregated Level Identifiers	RESTException
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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	Cannot recall the Aggregated Level Identifiers Request. There are several types of business exceptions foreseen for this call: <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