

HTTP POST upload service for b2b DOI registration in mEDRA and in Crossref

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Author	mEDRA
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Table of Contents

1. Introduction	4
2. mEDRA Customers	5
2.1 Endpoint	5
2.1.1.DOI Registration	5
2.1.2 Citation Registration	5
2.2 Authentication	5
2.3 Authorization	5
2.4 HTTP method	5
2.5 Content-Type	5
2.6 HTTP Response	6
2.6.1 HTTP status and HTTP header	6
2.6.2 Response body	7
2.6.2.1 Allowed values for statusCode	7
2.6.2.2 Allowed values for code	8
2.6.3 HTTP Response summary table and system logic	9
2.6.4 Examples of HTTP Responses	10
2.6.4.1 Failure with XML syntax error	10
2.6.4.2 Failure with ONIX errors	11
2.6.4.3 Failure with ONIX and schematron errors	11
2.6.4.4 Success	12
2.6.4.5 Success with warnings	12
3. mEDRA-Crossref sponsored members	13
3.1 Endpoint	13
3.1.1 DOI registration and deposit in Crossref	13
3.1.2 Citations registration and deposit in Crossref	13
3.2 Authentication	13
3.3 Authorization	13
3.4 HTTP method	13
3.5 Content-Type	13
3.6 HTTP Response	14
3.6.1 http status and http header	14

3.6.2 Response body	15
3.6.2.1 Allowed values for statusCode	15
3.6.2.2 Allowed values for code.....	16
3.6.3 HTTP Response summary table and system logic	17
3.6.4 Examples of HTTP Responses	19
3.6.4.1 Failure with syntax error	19
3.6.4.2 Failure with ONIX error	19
3.6.4.3 Failure with ONIX error and schematron warnings	20
3.6.4.1 Failure with ONIX errors and schematron errors and warnings.....	22
3.6.4.2 Success	23
3.6.4.3 Success with warnings	23

1. Introduction

mEDRA makes available the following tools for the DOI registration via HTTP POST request in a B2B environment:

- mEDRA customers: mEDRA HTTP upload service to register and update DOIs and Citations in mEDRA (please see 2)
- mEDRA Crossref sponsored members: mEDRA - Crossref HTTP upload service to register and update DOIs and Citations and deposit them in Crossref (please see. 3.)

2. mEDRA Customers

A B2B client can submit a DOI Registration Message in mEDRA system by sending an HTTP POST Request to mEDRA HTTP upload endpoint with the ONIX for DOI Registration Message XML document in the body of the request. The max size of the xml document in the request body is 20Mb. The xml document in the request body must be valid according to mEDRA ONIX for DOI registration schema.

2.1 Endpoint

2.1.1.DOI Registration

- mEDRA HTTP upload service endpoint in production environment is:
<https://www.medra.org/servlet/ws/upload>
- mEDRA HTTP upload service endpoint in testing environment is:
<https://www-medra-dev.medra.org/servlet/ws/upload>

2.1.2 Citation Registration

- mEDRA HTTP upload service endpoint in production environment is:
<https://www.medra.org/servlet/ws/citationsUpload>
- mEDRA HTTP upload service endpoint in testing environment is:
<https://www-medra-dev.medra.org/servlet/ws/citationsUpload>

2.2 Authentication

The HTTP upload service to register in mEDRA is accessible upon basic authentication.

The credentials are the same used to access mEDRA reserved area and systems.

Any failure in authentication, such as wrong user or password, will generate a HTTP Status 401 – Unauthorized

2.3 Authorization

The HTTP upload service to register in mEDRA can be accessed by any authenticated user.

However, the same authorization rules of mEDRA system apply to DOI registrations via HTTP upload service, namely:

- user is authorized to register DOIs and their metadata only for their(s) prefix(es).
- user must have a unexpired contract to create new DOIs.

2.4 HTTP method

The HTTP method allowed is POST. Other methods will generate a HTTP Status 405 – Method Not Allowed

2.5 Content-Type

The accepted mime-type is application/xml. Other mime-type will generate a HTTP Status 415 – Unsupported Media Type

2.6 HTTP Response

The HTTP Response returned contains several indicators that receivers need to process to understand the response and take appropriate decisions, namely the http status, the custom http header field mEDRAErrorCode and the content of the response body

2.6.1 HTTP status and HTTP header

If the upload does not contain any error, an HTTP status 200 response is returned and no mEDRAErrorCode field is present in the response http header.

On the contrary if the upload fails, a different HTTP status is returned with the custom header field mEDRAErrorCode with one or more of the following values:

mEDRAErrorCode	Status	Description
notValidXmlReq	400	Error in the xml. Occurs when the xml is not well formed or is not valid against ONIX for DOI 2.0 schema or the body is empty. To check and correct errors use: https://www.medra.org/servlet/view-xml-validate
isNotSchematronValid	400	Schematron errors. Occurs when the ONIX for DOI record does not respect the additional constraints (errors) for mEDRA submission published at: https://www.medra.org/en/ErrorList.htm To check and correct errors use: https://www.medra.org/servlet/view-xml-validate
badUploadReq	411	Upload size is unknown. Occurs when the HTTP header Content-Length is missing
badUploadReq	413	Upload is oversize. Occurs when the xml exceeds 20Mb
internalError	500	mEDRA database error, system error, reading file error.

2.6.2 Response body

The format of the response body is xml with a root element `depositUploadResponse` containing the following elements.

Field	Type	C	Description
statusCode	enum	1	Contains the result of the upload and indicated whether the upload was successful or failed. For allowed values and their explanation see 2.6.2.1 Allowed values for statusCode
submissionID	string	0-1	Present only when statusCode is SUCCESS Contains the ID assigned by mEDRA to the submission
errorsNumber	digit	0-1	Present only when statusCode is FAILED Contains the number of errors causing the failure of the upload (<error> elements)
warningsNumber	digit	0-1	contains the number of recommendations not followed (<warning> elements)
error		0-n	Container for detailed information on each error causing the failure of the upload of the DOI record. Contains the following elements: <code>code</code> , <code>reference</code> , <code>description</code>
warning		0-n	Container for detailed information on each recommendation to improve the DOI record. Contains the following elements: <code>code</code> , <code>reference</code> , <code>description</code>
<code>code</code>	enum	1	Contains the code identifying the error or the warning. For allowed values and their explanation see 2.6.2.2 Allowed values for code
<code>reference</code>	string	1	In case of errors in the xml syntax or in the ONIX for DOI syntax, the element is empty and has attributes <code>columnNumber</code> and <code>lineNumber</code> to indicate the position of the error in the xml uploaded In case of other errors and warnings no attribute is present and the content of the element provides a pointer and a path to the xml structures and values to be corrected or improved.
<code>description</code>	string	1	Contains the textual description of the error or warning

2.6.2.1 Allowed values for statusCode

Values	Description
SUCCESS	The upload was successful, and the file queued in the system for mEDRA processing and DOI registration. This statusCode does not automatically indicate that DOI registration was successful.
FAILED	The upload failed. Nothing was queued in the system for mEDRA processing; therefore no DOI registration was attempted

2.6.2.2 Allowed values for code

Values	Type	Description
badUploadRequest	error	These are blocking errors and must be corrected before attempting a new upload.
mec_1XXXX	error	Schematron error. These are blocking errors and must be corrected before attempting a new upload. Full list published on mEDRA website at https://www.medra.org/en/ErrorList.htm
notSupportedSchema	error	The version of the ONIX for DOI schema used is no longer accepted by mEDRA. This is a blocking error and must be corrected before attempting a new upload.
notValidONIX	error	The xml is not valid against ONIX for DOI schema. These are blocking errors and must be corrected before attempting a new upload.
notValidXML	error	The xml contains a syntax error. These are blocking errors and must be corrected before attempting a new upload.
oldSchemaVersion	warning	The version of the ONIX for DOI schema used is accepted but deprecated.
wrongSchema	error	The xml is not ONIX for DOI. This is a blocking error and must be corrected before attempting a new upload.

2.6.3 HTTP Response summary table and system logic

HTTP status	HEADER mEDRAErrorCode	BODY statusCode	BODY code	
500	internalError			
401				The system checks the user credentials (basic authentication with mEDRA credentials: user and password). If the user has not set the credentials or the credentials are wrong, the system stops, else goes to next check
411	badUploadRequest	FAILED	badUploadRequest	The system checks the Content-Length header of the upload. If Content-Length is not set, the system stops, else goes to next check
413	badUploadRequest	FAILED	badUploadRequest	The system checks the size for the file uploaded. If the size exceeds 20Mb, the system stops, else goes to next check
415				The system checks the mime-type in the header of the upload request. If the mime-type is not application/xml, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	notValidXML	The system checks that the xml is well formed. If the xml contains a syntax error, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	wrongSchema	The system checks that the xml schema is ONIX for DOI. If the schema is not ONIX for DOI, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	notSupportedSchema	The system checks the ONIX for DOI schema version used. If the schema version is 1.0 or earlier, the system stops, else goes to next check
400	notValidXmlRequest isNotSchematronValid isNotSchematronValid, notValidXmlRequest	FAILED	notValidONIX mec_1XXXX error codes	The system checks that the xml is valid against the ONIX for DOI schema and against the schematron rules. If the xml is not valid, the system stops and all errors are returned, else goes to next check
200		SUCCESS		Upload successful
200		SUCCESS	oldSchemaVersion	Upload successful with warning that ONIX for DOI schema version used is 1.1

2.6.4 Examples of HTTP Responses

2.6.4.1 Failure with XML syntax error

HTTP status = 400

mEDRAErrorCode = notValidXmlRequest

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>1</errorsNumber>
  <warningsNumber>0</warningsNumber>
  <error>
    <code>notValidXML</code>
    <reference columnNumber="9" lineNumber="39"/>
    <description>The element type "TitleText" must be terminated by the matching end-
tag "<\/TitleText>".
  <\/description>
  <\/error>
<\/uploadResponse>
```

2.6.4.2 Failure with ONIX errors

HTTP status = 400

mEDRAErrorCode = notValidXmlRequest

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>2</errorsNumber>
  <warningsNumber>0</warningsNumber>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="20" lineNumber="28"/>
    <description>cvc-complex-type.2.4.a: Invalid content was found starting with
element '{"http://www.editeur.org/onix/DOIMetadata/2.0":Subtitle}'. One of
'{"http://www.editeur.org/onix/DOIMetadata/2.0":TitleText}' is expected.
  </description>
  </error>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="35" lineNumber="35"/>
    <description>cvc-enumeration-valid: Value '91' is not facet-valid with respect to
enumeration '[01, 04, 05, 06]'. It must be a value from the enumeration.
cvc-type.3.1.3: The value '91' of element 'TitleType' is not valid.
  </description>
  </error>
</uploadResponse>
```

2.6.4.3 Failure with ONIX and schematron errors

HTTP status = 400

mEDRAErrorCode = notValidXmlRequest, isNotSchematronValid

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>2</errorsNumber>
  <warningsNumber>0</warningsNumber>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="47" lineNumber="11"/>
    <description>cvc-enumeration-valid: Value '027' is not facet-valid with respect
to enumeration '[06, 07]'. It must be a value from the enumeration.
cvc-type.3.1.3: The value '027' of element 'NotificationType' is not valid.
  </description>
  </error>
  <error>
```

```
<code>mec_10017</code>
<reference>
  DOI MonographicProduct[DOI:10.5236/NOISSNMEDRADEV5236_MONP_TEST_07]\Contributor\NameIdentifier[NameIDType='21']=http://orcid.org/40000-0001-6157-8808</reference>
  <description>The ORCID string in the IDValue element contains a syntax error.</description>
</error>
</uploadResponse>
```

2.6.4.4 Success

HTTP status = 200

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>SUCCESS</statusCode>
  <submissionID>SOAPUITESTER_20251003084115_en</submissionID>
  <errorsNumber>0</errorsNumber>
  <warningsNumber>0</warningsNumber>
</uploadResponse>
```

2.6.4.5 Success with warnings

HTTP status = 200

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>SUCCESS</statusCode>
  <submissionID>SOAPUITESTER_20251007161749_en</submissionID>
  <errorsNumber>0</errorsNumber>
  <warningsNumber>1</warningsNumber>
  <warning>
    <code>oldSchemaVersion</code>
    <reference>www.editeur.org/onix/DOIMetadata/1.1
https://www.medra.org/schema/onix/DOIMetadata/1.1/ONIX_DOIMetadata_1.1.xsd
</reference>
    <description>You are using an old version of the schema. Please use the latest
ONIX for DOI schema version in the future.</description>
  </warning>
</uploadResponse>
```

3. mEDRA-Crossref sponsored members

A B2B client can submit a DOI Registration Message for deposit in Crossref by sending an HTTP POST Request to mEDRA-Crossref HTTP upload endpoint with the ONIX for DOI Registration Message XML document in the body of the request. The max size of the xml document in the request body is 20Mb. The xml document in the request body must be valid according to mEDRA ONIX for DOI 2.0 registration schema.

3.1 Endpoint

3.1.1 DOI registration and deposit in Crossref

- mEDRA HTTP upload service endpoint in production environment is:
<https://www.medra.org/servlet/ws/CRupload>
- mEDRA HTTP upload service endpoint in testing environment is:
<https://www-medra-dev.medra.org/servlet/ws/CRupload>

3.1.2 Citations registration and deposit in Crossref

- mEDRA HTTP upload service endpoint in production environment is:
<https://www.medra.org/servlet/ws/CRcitationsUpload>
- mEDRA HTTP upload service endpoint in testing environment is:
<https://www-medra-dev.medra.org/servlet/ws/CRcitationsUpload>

3.2 Authentication

The HTTP upload service to register and deposit in Crossref is accessible upon basic authentication.

The credentials are the same used to access mEDRA reserved area and systems.

Any failure in authentication, such as wrong user or password, will generate a HTTP Status 401 – Unauthorized.

3.3 Authorization

The HTTP upload service to register in mEDRA and Crossref can be accessed only by authenticated user enabled to Crossref. Moreover, the same authorization rules of mEDRA system apply to DOI and citations registrations via HTTP upload service, namely:

- user is authorized to register DOIs and their metadata and citations only for their(s) prefix(es).
- user must have a unexpired contract to create new DOIs.

3.4 HTTP method

The HTTP method allowed is POST

Other methods will generate a HTTP Status 405 – Method Not Allowed

3.5 Content-Type

The accepted mime-type is application/xml

Other mime-type will generate a HTTP Status 415 – Unsupported Media Type

3.6 HTTP Response

The HTTP Response returned contains several indicators that receivers need to process to understand the response and take appropriate decisions, namely the http status, the custom http header field mEDRAErrorCode and the content of the response body

3.6.1 http status and http header

If the upload does not contain any error, an HTTP status 200 response is returned and no mEDRAErrorCode field is present in the response http header.

On the contrary if the upload fails, a different HTTP status is returned with the custom header field mEDRAErrorCode with one or more of the following values:

mEDRAErrorCode	Status	Description
notValidXmlReq	400	Error in the xml. Occurs when the xml is not well formed or is not valid against ONIX for DOI 2.0 schema or the body is empty. To correct errors use: https://www.medra.org/servlet/view-xml-validate
isNotSchematronValid	400	Schematron errors. Occurs when the ONIX for DOI record does not respect the additional constraints (errors) for mEDRA and Crossref submission published at: https://www.medra.org/en/ErrorList.htm To correct errors use: https://www.medra.org/servlet/view-xml-validate
missingHttpCallbackInfo	400	Missing HTTP callback info. Occurs when in the Header of the ONIX for DOI message the user sets <NotificationResponse>=02 (HTTP callback) but we haven't recorded their callback service endpoint
isNotCREnabled	403	User not enabled to send to Crossref
badUploadReq	411	Upload size is unknown. Occurs when the HTTP header Content-Length is missing
badUploadReq	413	Upload is oversize. Occurs when the xml exceeds 20Mb
internalError	500	mEDRA database error, system error, reading file error.

3.6.2 Response body

The format of the response body is xml with a root element `depositUploadResponse` containing the following elements.

Field	Type	Cardinality	Description
statusCode	enum	1	Contains the result of the upload and indicated whether the upload was successful or failed. For allowed values and their explanation see 3.6.2.1 Allowed values for statusCode
submissionID	string	0-1	Present only when statusCode is SUCCESS Contains the ID assigned by mEDRA to the submission
errorsNumber	digit	0-1	Present only when statusCode is FAILED Contains the number of errors causing the failure of the upload (<error> elements)
warningsNumber	digit	0-1	contains the number of recommendations not followed (<warning> elements)
error		0-n	Container for detailed information on each error causing the failure of the upload of the DOI record. Contains the following elements: <code>code</code> , <code>reference</code> , <code>description</code>
warning		0-n	Container for detailed information on each recommendation to improve the DOI record. Contains the following elements: <code>code</code> , <code>reference</code> , <code>description</code>
<code>code</code>	enum	1	Contains the code identifying the error or the warning. For allowed values and their explanation see 3.6.2.2 Allowed values for code
<code>reference</code>	string	1	In case of errors in the xml syntax or in the ONIX for DOI syntax, the element is empty and has attributes <code>columnNumber</code> and <code>lineNumber</code> to indicate the position of the error in the xml uploaded In case of other errors and warnings no attribute is present and the content of the element provides a pointer and a path to the xml structures and values to be corrected or improved.
<code>description</code>	string	1	Contains the textual description of the error or warning

3.6.2.1 Allowed values for statusCode

Values	Description
SUCCESS	The upload was successful, and the file queued in the system for mEDRA processing and DOI registration. This statusCode does not automatically indicate that DOI registration was successful.
FAILED	The upload failed. Nothing was queued in the system for mEDRA processing; therefore, no DOI registration was attempted

3.6.2.2 Allowed values for code

Values	Type	Description
badUploadRequest	error	These are blocking errors and must be corrected before attempting a new upload.
mec_0XXXX	warning	Schematron warning. These are suggested enhancements. Full list published on mEDRA website at https://www.medra.org/en/ErrorList.htm
mec_1XXXX	error	Schematron error. These are blocking errors and must be corrected before attempting a new upload. Full list published on mEDRA website at https://www.medra.org/en/ErrorList.htm
missingHttpCallbackInfo	error	The xml contains an element Occurs when in the Header of the ONIX for DOI message the user sets <NotificationResponse>=02 (HTTP callback) but we haven't recorded their callback service endpoint This is a blocking error and must be corrected before attempting a new upload.
notAllowedCRSchema	error	The version of the ONIX for DOI schema used is not accepted to deposit DOI in Crossref. This is a blocking error and must be corrected before attempting a new upload.
notCREnabled	error	The user cannot deposit DOIs in Crossref. Check the endpoint
notSupportedSchema	error	The version of the ONIX for DOI schema used is no longer accepted by mEDRA. This is a blocking error and must be corrected before attempting a new upload.
notValidONIX	error	The xml is not valid against ONIX for DOI schema. These are blocking errors and must be corrected before attempting a new upload.
notValidXML	error	The xml contains a syntax error. These are blocking errors and must be corrected before attempting a new upload.
wrongSchema	error	The xml is not ONIX for DOI. This is a blocking error and must be corrected before attempting a new upload.

3.6.3 HTTP Response summary table and system logic

HTTP status	HEADER mEDRAErrorCode	BODY statusCode	BODY code	logic
500	internalError			
401				The system checks the user credentials (basic authentication with mEDRA credentials: user and password). If the user has not set the credentials or the credentials are wrong, the system stops, else goes to next check
411	badUploadRequest	FAILED	badUploadRequest	The system checks the Content-Length header of the upload. If Content-Length is not set, the system stops, else goes to next check
413	badUploadRequest	FAILED	badUploadRequest	The system checks the size for the file uploaded. If the size exceeds 20Mb, the system stops, else goes to next check
415				The system checks the mime-type in the header of the upload request. If the mime-type is not application/xml, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	notValidXML	The system checks that the xml is well formed. If the xml contains a syntax error, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	wrongSchema	The system checks that the xml schema is ONIX for DOI. If the schema is not ONIX for DOI, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	notAllowedCRSchema	The system checks the ONIX for DOI schema version used. If the schema is version 1.1, the system stops, else goes to next check
400	notValidXmlRequest	FAILED	notSupportedSchema	The system checks the ONIX for DOI schema version used. If the schema version is 1.0 or earlier, the system stops, else goes to next check

400	notValidXmlRequest isNotSchematronValid isNotSchematronValid, notValidXmlRequest	FAILED	notValidONIX mec_1XXXXX error codes mec_0XXXXX warning codes	The system checks that the xml is valid against the ONIX for DOI schema and against the schematron rules (errors and warnings). If the xml is not valid, the system stops and all errors and warnings are returned, else goes to next check
403	notCREnabledUser	FAILED	notCREnabled	The system checks that the user is enabled to deposit DOI on Crossref via mEDRA. If the user is not enables, the system stops, else the submission is successful
400	missingHttpCallbackInfo	FAILED	missingHttpCallbackInfo	The system checks in the xml the notification method to receive the results of the DOI registration. If the NotificationResponse value is 02 (callback) but the user has not communicated a callback endpoint to mEDRA, the system stops, else goes to the next step
200		SUCCESS		Upload successful
200		SUCCESS	mec_0XXXXX warning codes	Upload successful with schematron warnings

3.6.4 Examples of HTTP Responses

3.6.4.1 Failure with syntax error

HTTP status = 400

mEDRAErrorCode = notValidXmlRequest

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>1</errorsNumber>
  <warningsNumber>0</warningsNumber>
  <error>
    <code>notValidXML</code>
    <reference columnNumber="9" lineNumber="39"/>
    <description>The element type "TitleText" must be terminated by the matching end-
tag "&lt;/TitleText&gt;".
  </description>
  </error>
</uploadResponse>
```

3.6.4.2 Failure with ONIX error

HTTP status = 400

mEDRAErrorCode = notValidXmlRequest

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<depositUploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>2</errorsNumber>
  <warningsNumber>0</warningsNumber>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="47" lineNumber="11"/>
    <description>cvc-enumeration-valid: Value '027' is not facet-valid with respect
to enumeration '[06, 07]'. It must be a value from the enumeration.
cvc-type.3.1.3: The value '027' of element 'NotificationType' is not valid.
  </description>
  </error>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="24" lineNumber="125"/>
    <description>cvc-complex-type.2.4.a: Invalid content was found starting with
element '{"http://www.editeur.org/onix/DOIMetadata/2.0":PublicationDate}'. One of
'{"http://www.editeur.org/onix/DOIMetadata/2.0":Publisher,
"http://www.editeur.org/onix/DOIMetadata/2.0":CountryOfPublication}' is expected.
```

```
</description>
  </error>
</depositUploadResponse>
```

3.6.4.3 Failure with ONIX error and schematron warnings

HTTP status = 400

```
mEDRAErrorCode = notValidXmlRequest
```

Response body =

```
<depositUploadResponse>
  <statusCode>FAILED</statusCode>
  <errorsNumber>2</errorsNumber>
  <warningsNumber>4</warningsNumber>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="44" lineNumber="62"/>
    <description>cvc-enumeration-valid: Value 'A201' is not facet-valid with respect
to enumeration '[A01, A02, A03, A04, A05, A06, A07, A08, A09, A10, A11, A12, A13, A14,
A15, A16, A17, A18, A19, A20, A21, A22, A23, A24, A25, A26, A27, A29, A30, A31, A32, A33,
A34, A35, A36, A37, A38, A39, A40, A41, A42, A43, A44, A45, A46, A47, A48, A99, B01, B02,
B03, B04, B05, B06, B07, B08, B09, B10, B11, B12, B13, B14, B15, B16, B17, B18, B19, B20,
B21, B22, B23, B24, B25, B26, B27, B28, B29, B99, C01, C02, C03, C04, C99, D01, D02, D03,
D99, E01, E02, E03, E04, E05, E06, E07, E08, E09, E10, E99, F01, F02, F99, Z01, Z02, Z98,
Z99]'. It must be a value from the enumeration.
cvc-type.3.1.3: The value 'A201' of element 'ContributorRole' is not valid.
</description>
  </error>
  <error>
    <code>notValidONIX</code>
    <reference columnNumber="48" lineNumber="106"/>
    <description>cvc-pattern-valid: Value '201901143' is not facet-valid with respect
to pattern '(1[2-9]|2\d)\d\d(0[1-9]|1[0-2])?(1[2-9]|2\d)\d\d(0[1-9]|1[0-2])(0[1-9]|1[0-
9]|2[0-8])|(1[2-9]|2[1-9])0[48]0229|200[048]0229|(1[2-
9]|2\d)(([2468][048]|13579][26])0229|(1[2-9]|2\d)\d\d(0[13-9]|1[0-2])(29|30)|(1[2-
9]|2\d)\d\d(0[13578]|1[02])31' for type 'PublicationDate'.
cvc-type.3.1.3: The value '201901143' of element 'PublicationDate' is not valid.
</description>
  </error>
  <warning>
    <code>mec_00016</code>
    <reference>
      DOI:10.5236/DOIImEDRADEV5236_SAW_SOAPUITEST_01\Conte
ntItem\Contributor[SequenceNumber=1|01|001 and ContributorRole=A01]
    </reference>
    <description>The DOI record doesn't contain any Contributor with SequenceNumber
with 1, 01 or 001 values, ContributorRole with A01 value and KeyNames or
CorporateName.</description>
  </warning>
</depositUploadResponse>
```

```
</warning>
<warning>
  <code>mec_00024</code>
  <reference>
    DOI:SerialArticleWork[DOI=10.5236/DOImEDRADEV5236_SAW_SOAPUITEST_01]\ContentItem\OtherText[TextTypeCode='01']
  </reference>
  <description>The DOI record does not contain OtherText elements with TextType =01 (abstract)</description>
</warning>
<warning>
  <code>mec_00013</code>
  <reference>
    DOI:SerialArticleWork[DOI:10.5236/DOImEDRADEV5236_SAW_SOAPUITEST_01]\ContentItem\Contributor[SequenceNumber=1]\ContributorRole=A201</reference>
  <description>Contributor with ContributorRole value other than A01, B01, B02, B06, B11, B12, B13, B14, B15, B16, B19, B20, or B21. It was not selected.</description>
</warning>
<warning>
  <code>mec_00013</code>
  <reference>
    DOI:SerialArticleWork[DOI:10.5236/DOImEDRADEV5236_SAW_SOAPUITEST_01]\ContentItem\Contributor[SequenceNumber=2]\ContributorRole=A12</reference>
  <description>Contributor with ContributorRole value other than A01, B01, B02, B06, B11, B12, B13, B14, B15, B16, B19, B20, or B21. It was not selected.</description>
</warning>
</depositUploadResponse>
```


3.6.4.2 Success

HTTP status = 200

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<uploadResponse>
  <statusCode>SUCCESS</statusCode>
  <submissionID>SOAPUITESTER_20251003084115_en</submissionID>
  <errorsNumber>0</errorsNumber>
  <warningsNumber>0</warningsNumber>
</uploadResponse>
```

3.6.4.3 Success with warnings

HTTP status = 200

Response body =

```
<?xml version="1.0" encoding="UTF-8"?>
<depositUploadResponse>
  <statusCode>SUCCESS</statusCode>
  <submissionID>SOAPUITESTER_20251003095522_en</submissionID>
  <errorsNumber>0</errorsNumber>
  <warningsNumber>2</warningsNumber>
  <warning>
    <code>mec_00019</code>
    <reference>
      DOI Monographic Product [DOI=10.5236/NOISSNMEDRADEV5236_MONP_TEST_07]\Title [TitleType='01' or TitleType='04' or TitleType='05' or TitleType='06']
    </reference>
    <description>Monograph or book contains more than 1 Title. Only the first one with TitleType 01 (full title) is selected. If no TitleType 01 is present, the first other Title is selected in this order: TitleType 05|04|06.</description>
  </warning>
  <warning>
    <code>mec_00021</code>
    <reference>
      DOI Monographic Product [DOI=10.5236/NOISSNMEDRADEV5236_MONP_TEST_07]\ProductIdentifier [ProductIDType='03' or ProductIDType='02' or ProductIDType='15']
    </reference>
    <description>The DOI record does not contain any ProductIdentifier elements with ProductIDType with 02 (ISBN-10) or 15 (ISBN-13) or 03 (EAN-13) value.</description>
  </warning>
</depositUploadResponse>
```