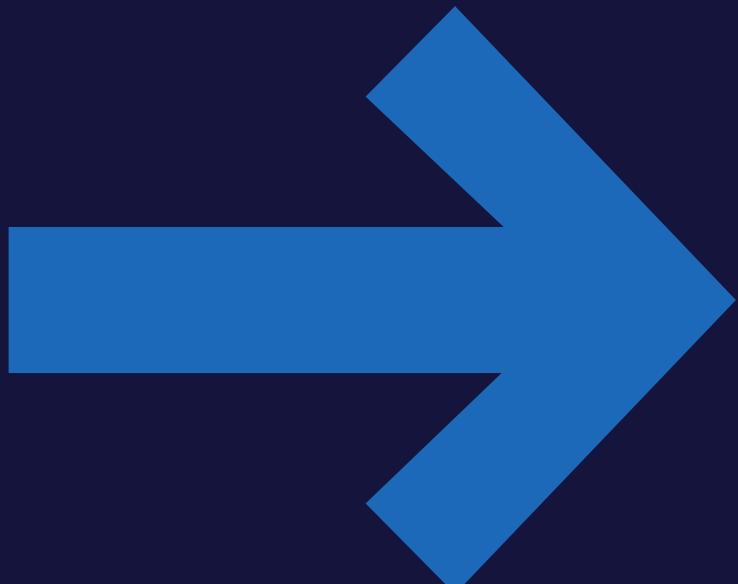


# AS4 Gateway

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GetEAD/TAD Documents

Version: 1.0.0 - date: 30-05-2024



## Document change history

Version	Description	Who	When
1.0.0	Initial version	Ulrik Andersen	30-05-2024

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## Overview

### DMS.Export.Declaration.GetEad

- Path: /exchange/shared
- Parameters: mrn
- Synchronous response: AS4 Receipt
- Response via pull: A PDF document or in case of an error an XML document describing the error

### DMS.Transit.Declaration.GetTad

- Path: /exchange/shared
- Parameters: mrn or lrn
- Synchronous response: AS4 Receipt
- Response via pull: A PDF document or in case of an error an XML document describing the error

## Request

For both services a request is sent as an AS4 push message, containing the following parameters:

```
<eb3:UserMessage>
    <eb3:MessageInfo>
        <eb3:Timestamp>2024-05-27T07:01:28.964Z</eb3:Timestamp>
        <eb3:MessageId>2fed5695-a8d4-4a03-9df0-
464b0e43783b</eb3:MessageId>
    </eb3:MessageInfo>
    ...
    <eb3:CollaborationInfo>
        <eb3:Service type="string">DMS.Export</eb3:Service>
        <eb3:Action>Declaration.GetEad</eb3:Action>
        <eb3:ConversationId>org:test:getead</eb3:ConversationId>
    </eb3:CollaborationInfo>
    <eb3:MessageProperties>
        <eb3:Property name="mrn">24DKJOQC4IVTVVA4ZA6</eb3:Property>
    </eb3:MessageProperties>
</eb3:UserMessage>
```

Element	GetEad	GetTad
Service	DMS.Export	DMS.Transit
Action	Declaration.GetEad	Declaration.GetTad
Property.mrn	MRN of the declaration	MRN of the declaration (*)
Property.lrn	N/A	LRN of the declaration (*)

(\*) For GetTad only the lrn or the mrn should be set. If both are set, then mrn takes precedence.

## Synchronous response

If the message is received successfully by the AS4 Gateway, then the synchronous response to the above push request will be an AS4 receipt:

```
<eb:SignalMessage>
    <eb:MessageInfo>
        <eb:Timestamp>2024-05-27T07:01:31.456Z</eb:Timestamp>
        <eb:MessageId>418716ed-c2b2-4a60-818a-e4d53821d60b@SKAT-
MFT-AS4</eb:MessageId>
        <eb:RefToMessageId>2fed5695-a8d4-4a03-9df0-
464b0e43783b</eb:RefToMessageId>
```

```

</eb:MessageInfo>
<eb:Receipt>
    <ebpsig:NonRepudiationInformation
xmlns:ebpsig="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0">
...
    </ebpsig:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>

```

The element RefToMessageId will contain the MessageId from the push request.

In case of an error while parsing the push request (e.g. wrong user password, malformed request, etc), then an error will be returned in the synchronous response.

## Response from pull

If an AS4 receipt was returned by the initial push request, then the final response from DMS must be fetched via a pull request. The response from the pull request will be as follows:

```

<eb:UserMessage mpc="urn:fdc:dk.skat.mft.DMS/response/CVR_30808460">
    <eb:MessageInfo>
        <eb:Timestamp>2024-05-27T07:04:22.931Z</eb:Timestamp>
        <eb:MessageId>84964e04-9763-41ab-a165-
613ace5e5a76@DMS.Export.Declaration.GetEad</eb:MessageId>
    </eb:MessageInfo>
...
    <eb:CollaborationInfo>
        <eb:Service type="string">http://docs.oasis-
open.org/ebxml-msg/as4/200902/service</eb:Service>
        <eb:Action>Response</eb:Action>
        <eb:ConversationId>org:test:getead</eb:ConversationId>
    </eb:CollaborationInfo>
    <eb:MessageProperties>
        <eb:Property name="RefToOriginalMessageId">2fed5695-a8d4-
4a03-9df0-464b0e43783b</eb:Property>
    </eb:MessageProperties>
    <eb:PayloadInfo>
        <eb:PartInfo href="cid:A1716793462925.13534899@j1UUyd5nKT-
CYsIL4kbq">
            <eb:PartProperties/>
        </eb:PartInfo>
    </eb:PayloadInfo>
</eb:UserMessage>

```

The message property RefToOriginalMessageId will contain a reference to the message ID from the initial push request. The response from DMS will be included in the returned SOAP envelope as an attachment.

In case of a successful response from DMS, then the attachment will be a PDF document and the content type will be set to "application/octet-stream". If the document for some reason could not be generated, then an XML document will be returned with a description of the error. In this case the content type of the attachment will be "application/xml".

## Errors

### Wrong mrn or lrn

If no declaration could be found for the given lrn/mrn, then the following error will be returned:

```

<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<genericErrorDTO>

```

```
<cause>
</cause>
<message>Api Gateway Returned: 404 NOT_FOUND</message>
<timestampl/>
</genericErrorDTO>
```

### Invalid mrn

If the given mrn is not valid, then the following error will be returned:

```
<?xml version="1.0" encoding="UTF-8"?>
<ErrorMessageDTO>
<lrm></lrm>
<validationResponse>
  <ValidationResults>
    <ValidationResultType>B2BERR</ValidationResultType>
    <ValidationResultText>No response body was returned from the Trader
Portal. Response status: 406. ebmsConversationId:
org:holodeckb2b:test:notification. ebmsMessageId: 514868f3-7067-4b61-8139-
1b8596bcb758. transactionId: ci1716849592623_15605321_1</ValidationResultText>
  </ValidationResults>
</validationResponse>
<timestampl>2024-05-28T00:39:53</timestampl>
</ErrorMessageDTO>
```