



Application Program Interface (API) User Guide
for
Forms Based Processing system A2A channel
Internal Revenue Service (IRS) e-Services



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REVISION HISTORY

CHANGE #	DESCRIPTION OF CHANGES	PAGE(S) AFFECTED	CHANGE EFFECTIVE DATE	CHANGE ENTERED BY
0.1	Initial Draft	All	08/04/2022	Scott Landrum
0.11	Added https://www.irs.gov/e-services url	1	11/17/2022	David Hansell



SECTION 1 - OVERVIEW

1.1 FBP A2A CHANNEL

The Forms Based Processing system A2A channel allows registered API consumers to interact with FBP in programmatic way on behalf of an IVES participant. FBP is organized around two main entities.

1. **Documents** – Documents represent IRS forms that are/have been submitted to the IRS for processing. For IVES this will be the form 4506c
2. **Products** – Products represent the outcome of processing a form. For IVES products are the transcripts that were generated based on the details of the 4506c submitted.

The A2A channel provides the consumer the ability to

- **Submit Documents** – Submit new document (4506c) request to the IRS for processing
- **Search Documents** – Search for request that have already been submitted. Request submitted via any input channel will be available
- **Retrieve Document Details** – Retrieve the current details of a specific document
- **Edit Document** – Documents that were submitted via the A2A or Web-UI input channel are available for editing/updating prior to Taxpayer authorization
- **Withdraw a Document** – Documents that were submitted via the A2A or Web-UI input channel can be withdrawn prior to Taxpayer authorization. Withdrawing a document cancels the request for processing.
- **Search Products** – Search for products (transcripts) that have been generated by the IRS.
- **Retrieve a Product's Details** – Retrieve the metadata for a specific product
- **Retrieve a Product's Content** – Retrieve the content for a specific product

1.2 API AUTHENTICATION & AUTHORIZATION

The authentication and authorization capabilities utilized by the FBP A2A input channel are provided by a centralized framework that supports all of the e-Services APIs. The **e-Services API Authorization User Guide** provides information regarding the client registration process required for new consumers to gain access to the e-Services APIs as well as the technical details related to the authentication and authorization process flows utilized by the e-Services APIs. For more information about e-Services applications, visit the e-Services site at <https://www.irs.gov/e-services>.



SECTION 2 - OPERATIONS

2.1 SUBMIT DOCUMENT

Table 2-1: Submit Document – Request & Response

REQUEST			
Operation:	Submit Document		
Description:	Submit a new document (4506c) to the IRS for processing		
Protocol:	REST		
Method:	POST		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/documents		
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token> 		
Parameters:	Body <ul style="list-style-type: none"> Body should contain a Form object 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	DocumentSummary object
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
429	The participantId and taxpayerTin combination has exceeded its total number of requests in a 72 hour period that is allowed	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None



2.2 SEARCH DOCUMENTS

Table 2-2: Search Document – Request & Response

REQUEST			
Operation:	Search Document		
Description:	Search for Documents associated with your client id		
Protocol:	REST		
Method:	GET		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/documents		
Headers:	<ul style="list-style-type: none"> ▪ Authorization: Bearer <Access-Token> ▪ X-FBP-PII – allows for searching by a specific Taxpayer Id Number (tin), format is tin=000000000 (9 digits) 		
Parameters:	<p>Query</p> <ul style="list-style-type: none"> ▪ transactionId – the fbp transaction id to search for ▪ channelId – the fbp channel id to search for Documents for ▪ formName – the fbp form name to search for Documents for ▪ creationTs – the document creation timestamp to search for, Format is ISO-8601 ▪ creationTsBegin – allows for searching a range creation timestamp(s), Format is ISO-8601 ▪ creationTsEnd - allows for searching a range creation timestamp(s), Format is ISO-8601 ▪ status – comma separated list of status(s) to search for, See DocumentStatus for a list of valid values ▪ size – allows consumer(s) to controller the size for the search results, default is 25 items ▪ sort – allows consumer(s) to controller the ordering of the search results, format is field name,direction(asc or desc) <p>4506c specific params (NOTE: the formName param must be provided to leverage these.</p> <ul style="list-style-type: none"> • lastName – the last name to search for • customerFileNumber – the customer file number to search for • uniqueIdentifier – the unique identifier to search for 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	DocumentSearchResults object
204	Not search results found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object



500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.3 RETRIEVE DOCUMENT DETAILS

Table 2-3: Retrieve Document Details – Request & Response

REQUEST			
Operation:	Retrieve Document details		
Description:	Retrieve the details of a specific document		
Protocol:	REST		
Method:	GET		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/documents/{transactionId}		
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token> 		
Parameters:	Path <ul style="list-style-type: none"> transactionId – the fbp transaction id to retrieve the document for 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	Document object
204	Not search results found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.4 EDIT DOCUMENT

Table 2-4: Edit Document – Request & Response

REQUEST	
Operation:	Edit a Document
Description:	Prior to Taxpayer authorization participants can update/edit a document



Protocol:	REST		
Method:	PATCH		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/documents/{transactionId}		
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token> 		
Parameters:	<p>Path</p> <ul style="list-style-type: none"> transactionId – the fbp transaction id to retrieve the document for <p>Body</p> <ul style="list-style-type: none"> A Document Object 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	DocumentSummary object
204	Not search results found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.5 WITHDRAW DOCUMENT

Table 2-5: Withdraw Document – Request & Response

REQUEST	
Operation:	Withdraw a Document
Description:	Prior to Taxpayer authorization participants can withdraw the document from processing
Protocol:	REST
Method:	DELETE
Live Endpoint:	https://api.www4.irs.gov



Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/documents/{transactionId}		
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token> 		
Parameters:	Path <ul style="list-style-type: none"> transactionId – the fbp transaction id to retrieve the document for 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	n/a	None
204	Not search results found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406	Not acceptable	application/json	ErrorResponse object
409	Conflict	application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.6 SEARCH PRODUCTS

Table 2-6: Search Products – Request & Response

REQUEST	
Operation:	Search Products
Description:	Search for Products associated with your client id
Protocol:	REST
Method:	GET
Live Endpoint:	https://api.www4.irs.gov
Test Endpoint:	https://api.alt.www4.irs.gov
Resource:	/fbp/1.0/a2a/products
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token>
Parameters:	Query <ul style="list-style-type: none"> transactionId – the fbp transaction id to search for state – the of a products, valid values are NEW or RETRIEVED creationDate – allows for searching for a specific creation date, Format is ISO-8601 creationDateBegin – allows for searching a range creation date(s), Format is ISO-8601 creationDateEnd - allows for searching a range creation date(s), Format is ISO-8601 size – allows consumer(s) to controller the size for the search results, default is 25 items



- sort – allows consumer(s) to controller the ordering of the search results, format is field name,direction(asc or desc)

RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	ProductSearchResults object
204	Not search results found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.7 RETRIEVE PRODUCT DETAILS

Table 2-7: Retrieve Product details – Request & Response

REQUEST			
Operation:	Retrieve Product details		
Description:	Retrieve the details of a specific product. Note: this will not include the content		
Protocol:	REST		
Method:	GET		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/products/{productid}		
Headers:	<ul style="list-style-type: none"> ▪ Authorization: Bearer <Access-Token> 		
Parameters:	Path <ul style="list-style-type: none"> ▪ productid – the product id to retrieve 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	application/json	Product object
204	No product found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object



406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None

2.8 RETRIEVE PRODUCT CONTENT

Table 2-8: Retrieve product content – Request & Response

REQUEST			
Operation:	Retrieve a Product's content		
Description:	Retrieve the content of a specific product Note: this will not include any metadata of the product		
Protocol:	REST		
Method:	GET		
Live Endpoint:	https://api.www4.irs.gov		
Test Endpoint:	https://api.alt.www4.irs.gov		
Resource:	/fbp/1.0/a2a/products/{productid}/content		
Headers:	<ul style="list-style-type: none"> Authorization: Bearer <Access-Token> 		
Parameters:	Path <ul style="list-style-type: none"> productid – the product id to retrieve 		
RESPONSE			
CODE	DESCRIPTION	CONTENT TYPE	RESPONSE BODY
200	Successful Operation	Depends on product's content type, for transcripts this will be text/html	Content of the product, For transcripts this will be the html of the transcript
204	No product found	n/a	None
400	Invalid Request	application/json	ErrorResponse object
401	Unauthorized	n/a	None
405	Method Not Allowed	application/json	ErrorResponse object
406		application/json	ErrorResponse object
409		application/json	ErrorResponse object
415	Unsupported Media Type	application/json	ErrorResponse object
500	Indicates a Service error	application/json	ErrorResponse object
503	Service Unavailable	n/a	None



SECTION 3 - MODELS

3.1 FORM

The *Form* object is included in the body of a Submit Document request message. It contains data of a 4506c.

Table 3-1: Form – Properties

NAME	TYPE	DESCRIPTION	VALUES
formName	String	The type of form being submitted	Required Value, String enumeration <ul style="list-style-type: none"> form4506c_05_2022
taxpayerTin	String	The taxpayer identification number for the Taxpayer	Required Value, String of 9 digits
currentTaxpayerName	Object	Name Object that contains the Taxpayer's current name	Required Value
taxpayerName	Object	Name Object that contains the Taxpayer's prior name	Optional Value
currentAddress	Object	Address Object that contains the Taxpayer's current address	Required Value
taxpayerTelephoneNum	String	The Taxpayer's phone number	Optional Value, pattern <code>^(?!\\s*\$).+</code>
previousAddress	Object	Address Object that contains the Taxpayer's current address	Optional Value
spouseTin	String	The taxpayer identification number for the spouse	Optional Value, String of 9 digits
currentSpouseName	Object	Name Object that contains the spouse's current name	Required Value when spouseTin present
spouseName	Object	Name Object that contains the spouse's prior name	Optional Value
participantId	String	The IVES participant id	Required Value, max 10 characters
participantMailBoxId	String	The SOR mailbox id that the transcript(s) should be delivered to	Required Value, max 10 characters
participantNm	String	The participant's name	Required Value, max 128 characters
participantAddress	Object	Address Object that contains the Participant's current address	Required Value
customerFileNum	String	The customer file number assigned by the participant	Optional Value, up to 10 digits, cannot contain tin
uniqueId	String	A unique identifier assigned by the participant	Optional Value, Alphanumeric, max 10 characters, cannot contain tin
clientNm	String	The name of the participant's client	Required Value
clientTelephoneNum	String	The client's address	Required Value
clientAddress	Object	Address Object that contains the Client's current address	Required Value
returnTranscriptInd	Boolean	Indicates if a return transcript is being requested	Optional Value
accountTranscriptInd	Boolean	Indicates if an account transcript is being requested	Optional Value



NAME	TYPE	DESCRIPTION	VALUES
recordOfAccountInd	Boolean	Indicates if a record of account transcript is being requested	Optional Value
transcriptRequestedFormNm	String	The tax form that a transcript is being requested for.	Required Value, when at least of the following indicators are true <ul style="list-style-type: none"> • returnTranscriptInd • accountTranscriptInd • recordOfAccountInd String Enumeration, valid values <ul style="list-style-type: none"> • 1040 • 1040NR • 1040NREZ • 1040 SEPARATE ASSESSMENT • 1040SS/PR • 1041 • 1041A • 1041QFT • 1042 • 1065 • 1065B • 1066 • 1120 • 1120A • 1120C • 1120F • 1120FSC • 1120H • 1120L • 1120ND • 1120PC • 1120POL • 1120REIT • 1120RIC • 1120S • 1120SF • 11C • 2290 • 3520A • 4720 • 5227 • 5329 • 706 • 706GS(T) • 706NA



NAME	TYPE	DESCRIPTION	VALUES
			<ul style="list-style-type: none"> • 720 • 730 • 8288 • 8752 • 8804 • 940 • 940EZ • 941 • 943 • 944 • 945 • 990 • 990C • 990EZ • 990PF • 990T • CIVIL PENALTY • CT-1
wageAndIncomeTranscriptInd	Boolean	Indicates if a wage and income transcript is being requested	Optional Value
wageAndIncomeFormNm	String Array	The wage and income form(s) that a transcript is being request for	Optional Value. Array of up to 3 values, valid values <ul style="list-style-type: none"> • 1042-S • 1097-BTC • 1098 • 1098-C • 1098-E • 1098-F • 1098-Q • 1098-T • 1099-A • 1099-B • 1099-C • 1099-CAP • 1099-DIV • 1099-G • 1099-H • 1099-INT • 1099-K • 1099-LS • 1099-LTC • 1099-MISC



NAME	TYPE	DESCRIPTION	VALUES
			<ul style="list-style-type: none"> • 1099-MSA • 1099-NEC • 1099-OID • 1099-PATR • 1099-Q • 1099-R • 1099-S • 1099-SA • 1099-SB • 3921 • 3922 • 5498 • 5498-ESA • 5498-MSA • 5498-SA • 8805 • K-1 1041 • K-1 1065 • K-1 1120S • SSA-1099 • SUMMARY • W-2 • W-2G • W-4 <p>Note when no wageAndIncomeFormNm(s) are provided and wageAndIncomeTranscriptInd is true, and All Form(s) wage and income transcript will be generated</p>
taxpayerRequestingInd	Boolean	Indicates if the wage and income transcript(s) being request is for the taxpayerTin	
spouseRequestingInd	Boolean	Indicates if the wage and income transcript(s) being request is for the spouseTin	
taxPeriodEndDt	Date Array	The taxperiod end date the transcript(s) are being requested for	Required Value, Array of up to 4 dates. Date format mm/dd/yyyy
signatoryAttestsInd	Boolean		



```
{
  "formName": "form4506c_05_2022",
  "currentTaxpayerName": {
    "firstNm": "test",
    "middleInitialTxt": null,
    "lastNm": "test"
  },
  "taxpayerTin": "000001010",
  "currentAddress": {
    "streetAddressTxt": "101 main st",
    "cityNm": "somewhere",
    "stateAbbreviationCd": "TX",
    "zipCd": "12345"
  },
  "participantId": "123456789",
  "participantNm": "ives co",
  "participantAddress": {
    "streetAddressTxt": "101 part st",
    "cityNm": "somewhere",
    "stateAbbreviationCd": "TX",
    "zipCd": "12345"
  },
  "participantMailBoxId": "test",
  "clientNm": "lending co",
  "clientTelephoneNum": "1234567890",
  "clientAddress": {
    "streetAddressTxt": "101 client st",
    "cityNm": "somewhere",
    "stateAbbreviationCd": "TX",
    "zipCd": "12345"
  },
}
```



```

"transcriptRequestedFormNm": "1040",
"returnTranscriptInd": true,
"accountTranscriptInd": false,
"recordOfAccountInd": false,
"wageAndIncomeTranscriptInd": false,
"taxpayerRequestingInd": false,
"spouseRequestingInd": false,
"taxPeriodEndDt": ["12/31/2021"],
"signatoryAttestsInd": true
}

```

Figure 1 Example 4506c Form request

3.2 DOCUMENT

Table 3-2: Document – Properties

NAME	TYPE	DESCRIPTION
transactionId	String	The transaction id the unique identifies the submitted Document/Form
customerId	String	The eservices customer id that submitted the Document/Form
channelCd	String	Identifies the channel this Document/Form was submitted through <ul style="list-style-type: none"> • A2A • WEBUI • EFAX
creationTs	String	The date and time the Document/Form was submitted
statusCd	String	The status of the Document/Form, see DocumentStatus for a list of values
form	Object	A Form object
_links	Object	An object containing any Link that can/could be used for navigating the result set <p>Possible links are</p> <ul style="list-style-type: none"> • self

```

{
  "transactionId": "form4506c_05_2022-20220629-bd2e62c83d304ebd8684ff3f941a4260",
  "customerId": "13504240",
  "correlationIds": ["10101010", "100200407420"],
  "form": {

```



```
"formName": "form4506c_05_2022",
"currentTaxpayerName": {
  "firstNm": "Joe",
  "middleInitialTxt": "M",
  "lastNm": "Example"
},
"taxpayerTin": "123456789",
"currentSpouseName": null,
"spouseTin": null,
"spouseName": null,
"currentAddress": {
  "streetAddressTxt": "1 Addr Ln",
  "cityNm": "Example",
  "stateAbbreviationCd": "TX",
  "zipCd": "12345"
},
"previousAddress": null,
"participantId": "123456789",
"participantAddress": {
  "streetAddressTxt": "1 Participant Ln",
  "cityNm": "Example",
  "stateAbbreviationCd": "TX",
  "zipCd": "12345"
},
"participantMailBoxId": "mailbox",
"clientAddress": {
  "streetAddressTxt": "1 Client Ln",
  "cityNm": "Example",
  "stateAbbreviationCd": "TX",
  "zipCd": "12345"
},
},
```



```
"taxpayerSignatureId": null,
"spouseSignatureId": null,
"taxpayerTelephoneNum": "(123) 456-7890",
"participantNm": "Ives example co",
"customerFileNum": "1234567890",
"uniqueId": "1234567890",
"clientNm": "example client",
"clientTelephoneNum": "(123) 456-7890",
"transcriptRequestedFormNm": "1040",
"returnTranscriptInd": true,
"accountTranscriptInd": false,
"recordOfAccountInd": false,
"wageAndIncomeTranscriptInd": false,
"wageAndIncomeFormNm": null,
"taxpayerRequestingInd": false,
"spouseRequestingInd": false,
"taxPeriodEndDt": ["12/31/2019"],
"signatoryAttestsInd": true
},
"_links": {
  "self": {
    "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-bd2e62c83d304ebd8684ff3f941a4260"
  }
},
"channelCd": "A2A",
"creationTs": "2022-06-29T19:15:58.136Z",
"statusCd": "COMPLETE"
}
```

Figure 2 Example Document Details



3.3 DOCUMENTSUMMARY

Table 3-3: DocumentSummary – Properties

NAME	TYPE	DESCRIPTION
transactionId	String	The transaction id the unique identifies the submitted Document/Form
customerId	String	The eservices customer id that submitted the Document/Form
channelCd	String	Identifies the channel this Document/Form was submitted through <ul style="list-style-type: none"> • A2A • WEBUI • EFAX
creationTs	String	The date and time the Doument/Form was submitted
statusCd	String	The status of the Document/Form, see DocumentStatus for a list of values
Form	Object	A FormInfo object

```
{
  "transactionId": "form4506c_05_2022-20220806-b16df8be34224a92b83f60bb33e46683",
  "customerId": "13504240",
  "form": { "formName": "form4506c_05_2022" },
  "_links": {
    "self": {
      "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220806-b16df8be34224a92b83f60bb33e46683"
    }
  },
  "channelCd": "A2A",
  "creationTs": "2022-08-06T00:50:34.360Z",
  "statusCd": "PENDING_AUTHORIZATION"
}
```

Figure 3 Example DocumentSummary

3.4 DOCUMENTSTATUS

Table 3-4: DocumentStatus – Values

VALUE	TYPE	DESCRIPTION
PENDING_AUTHORIZATION	String	Form is awaiting taxpayer authorization.
PENDING_ADDITIONAL_AUTHORIZATION	String	Form is awaiting secondary authorization.
FORM_PROCESSING	String	Form data is being processed and products are being created.
PRODUCTS_AVAILABLE	String	At least one product is available.
PRODUCTS_COMPLETE	String	All products are available.



VALUE	TYPE	DESCRIPTION
COMPLETE	String	All products have been retrieved.
REJECTED	String	Form has been rejected by taxpayer or has failed business rules.
WITHDRAWN	String	Participant canceled request.
EXPIRED	String	Request is no longer available.

3.5 FORMINFO

Table 3-5 FormInfo – Properties

NAME	TYPE	DESCRIPTION
form	Object	A FormSummary object
_links	Array	Array of Link objects Will contain a “self” link, that can be used to retrieve the DocumentDetails

3.6 FORMSUMMARY

Table 3-6: FormSummary – Properties

NAME	TYPE	DESCRIPTION
formName	String	The name of the form

3.7 DOCUMENTSEARCHRESULTS

Table 3-7: ErrorResponse – Properties

NAME	TYPE	DESCRIPTION
_embedded	Object	A DocumentList Object
_links	Object	An object containing any Link that can/could be used for navigating the result set Possible links are <ul style="list-style-type: none"> • self • prev • next • last • first <p>Note: links will vary based on where the current page is in the result set, for example when you are on the first page a prev link will not be included</p>
page	Object	A Page object



```
{
  "_embedded": {
    "documents": [
      {
        "correlationIds": [
          "10101010",
          "100200407420"
        ],
        "form": {
          "formName": "form4506c_05_2022"
        },
        "creationTs": "2022-06-29T19:15:58.136Z",
        "_links": {
          "self": {
            "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-bd2e62c83d304ebd8684ff3f941a4260"
          }
        },
        "channelCd": "EFAX",
        "transactionId": "form4506c_05_2022-20220629-bd2e62c83d304ebd8684ff3f941a4260",
        "customerId": "12345",
        "statusCd": "COMPLETE"
      },
      {
        "correlationIds": [
          "10101010",
          "100200407421"
        ],
        "form": {
          "formName": "form4506c_05_2022"
        },
      },
    ]
  }
}
```




```
"creationTs": "2022-06-29T19:17:42.567Z",
  "_links": {
    "self": {
      "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-599327c1b9094d17a13fb484ef1e7af5"
    }
  },
  "channelCd": "EFAX",
  "transactionId": "form4506c_05_2022-20220629-599327c1b9094d17a13fb484ef1e7af5",
  "customerId": "12345",
  "statusCd": "COMPLETE"
},
{
  "correlationIds": [
    "10101010",
    "100200407422"
  ],
  "form": {
    "formName": "form4506c_05_2022"
  },
  "creationTs": "2022-06-29T19:36:08.477Z",
  "_links": {
    "self": {
      "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-56ea03ac30a84bf39e6676121dcb1bb9"
    }
  },
  "channelCd": "EFAX",
  "transactionId": "form4506c_05_2022-20220629-56ea03ac30a84bf39e6676121dcb1bb9",
  "customerId": "12345",
  "statusCd": "COMPLETE"
}
```



```
  },
  {
    "correlationIds": [
      "10101010",
      "100200407379"
    ],
    "form": {
      "formName": "form4506c_05_2022"
    },
    "creationTs": "2022-06-29T19:50:01.607Z",
    "_links": {
      "self": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-00d5cd6fad214861b75a9e6c348f6c94"
      }
    },
    "channelCd": "EFAX",
    "transactionId": "form4506c_05_2022-20220629-00d5cd6fad214861b75a9e6c348f6c94",
    "customerId": "12345",
    "statusCd": "COMPLETE"
  },
  {
    "correlationIds": [
      "10101010",
      "100200407380"
    ],
    "form": {
      "formName": "form4506c_05_2022"
    },
    "creationTs": "2022-06-29T22:11:15.376Z",
    "_links": {
```



```
"self": {
  "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20220629-464035f72d7f4cdc9330e6fa3153a351"
},
"channelCd": "A2A",
"transactionId": "form4506c_05_2022-20220629-464035f72d7f4cdc9330e6fa3153a351",
"customerId": "12345",
"statusCd": "COMPLETE"
}
],
}_links": {
  "self": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?statusCd=REJECTED&page=0&size=25"
  },
  "next": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?statusCd=REJECTED&page=1&size=25"
  },
  "last": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?statusCd=REJECTED&page=1&size=25"
  },
  "first": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?statusCd=REJECTED&page=0&size=25"
  }
},
"page": {
  "totalPages": 1,
```



```

"totalElements": 5,
"number": 0,
"size": 25
}
}

```

Figure 4 Example DocumentSearchResults

3.8 DOCUMENTLIST

Table 3-8: DocumentList – Properties

NAME	TYPE	DESCRIPTION
documents	Array	Array of DocumentSummary object(s)

3.9 PRODUCTSEARCHRESULTS

Table 3-9: ProductSearchResults – Properties

NAME	TYPE	DESCRIPTION
_embedded	Object	A ProductList Object
_links	Object	<p>An object containing any Link that can/could be used for navigating the result set</p> <p>Possible links are</p> <ul style="list-style-type: none"> • self • prev • next • last • first <p>Note: links will vary based on where the current page is in the result set, for example when you are on the first page a prev link will not be included</p>
page	Object	A Page object

```

{
  "_embedded": {
    "products": [
      {
        "productId": "bf085d7f-3a7a-4c76-b35d-5e96fb3404f7",
        "createDate": "2022-06-29 21:58:24.196",

```



```
    "transactionId": "form4506c_05_2022-20220629-00d5cd6fad214861b75a9e6c348f6c94",
    "customerId": "12345",
    "name": "100200407379-1.html",
    "description": "Transcript Type: Return, Tax Period: 201912, Customer file number: 1234567890, Unique identifier: 1234567890",
    "contentType": "HTML",
    "state": "RETRIEVED",
    "retrievedDate": "2022-06-29T22:00:50.673Z",
    "_links": {
      "self": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/bf085d7f-3a7a-4c76-b35d-5e96fb3404f7"
      },
      "content": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/bf085d7f-3a7a-4c76-b35d-5e96fb3404f7/content"
      }
    }
  },
  {
    "productId": "aa63df65-236e-4ee1-8db7-6f44825ee432",
    "createDate": "2022-06-29 22:09:29.39",
    "transactionId": "form4506c_05_2022-20220629-00d5cd6fad214861b75a9e6c348f6c94",
    "customerId": "12345",
    "name": "100200407379-1.html",
    "description": "Transcript Type: Return, Tax Period: 201912, Customer file number: 1234567890, Unique identifier: 1234567890",
    "contentType": "HTML",
    "state": "RETRIEVED",
    "retrievedDate": "2022-06-30T17:27:03.732Z",
```



```
    "_links": {
      "self": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/aa63df65-236e-4ee1-8db7-6f44825ee432"
      },
      "content": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/aa63df65-236e-4ee1-8db7-6f44825ee432/content"
      }
    },
    {
      "productId": "992fc18c-f4dc-43b8-ba9c-2daf793cb687",
      "createDate": "2022-06-29 22:11:30.229",
      "transactionId": "form4506c_05_2022-20220629-464035f72d7f4cdc9330e6fa3153a351",
      "customerId": "12345",
      "name": "100200407380-1.html",
      "description": "Transcript Type: Return, Tax Period: 201912, Customer file number: 1234567890, Unique identifier: 1234567890",
      "contentType": "HTML",
      "state": "RETRIEVED",
      "retrievedDate": "2022-06-29T23:04:08.634Z",
      "_links": {
        "self": {
          "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/992fc18c-f4dc-43b8-ba9c-2daf793cb687"
        },
        "content": {
          "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/992fc18c-f4dc-43b8-ba9c-2daf793cb687/content"
        }
      }
    }
  ]
}
```



```
    }
  },
  {
    "productId": "c95f3fd4-ec6a-4a02-90dc-18b1d23a846e",
    "createDate": "2022-06-29 23:08:04.556",
    "transactionId": "form4506c_05_2022-20220629-5486e99b79984e7fbb4da8ca91b05a6a",
    "customerId": "12345",
    "name": "100200407381-1.html",
    "description": "Transcript Type: Return, Tax Period: 201912, Customer file number: 1234567890, Unique identifier: 1234567890",
    "contentType": "HTML",
    "state": "RETRIEVED",
    "retrievedDate": "2022-06-29T23:08:32.147Z",
    "_links": {
      "self": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/c95f3fd4-ec6a-4a02-90dc-18b1d23a846e"
      },
      "content": {
        "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/c95f3fd4-ec6a-4a02-90dc-18b1d23a846e/content"
      }
    }
  },
  {
    "productId": "a71aad99-5f03-4efb-8651-59fd3db2d306",
    "createDate": "2022-06-30 19:31:56.296",
    "transactionId": "form4506c_05_2022-20220630-866b2995345b4af989bfc40221378297",
    "customerId": "12345",
    "name": "100200407386-1.html",
```



```
"description": "Transcript Type: Return, Tax Period: 201912, Customer file
number: 1234567890, Unique identifier: 1234567890",
"contentType": "HTML",
"state": "RETRIEVED",
"retrievedDate": "2022-07-01T13:09:13.003Z",
"_links": {
  "self": {
    "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/a71aad99-
5f03-4efb-8651-59fd3db2d306"
  },
  "content": {
    "href": "https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/a71aad99-
5f03-4efb-8651-59fd3db2d306/content"
  }
}
},
"_links": {
  "first": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?state=RETRIEVED&page=0&size=25"
  },
  "self": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?state=RETRIEVED&page=0&size=25"
  },
  "next": {
    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?state=RETRIEVED&page=0&size=25"
  },
  "last": {
```




```

    "href":
"https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?state=RETRIEVED&page=0&size=25"
    }
  },
  "page": {
    "size": 25,
    "totalElements": 5,
    "totalPages": 1,
    "number": 0
  }
}

```

Figure 5 Example ProductSearchResults

3.10 PRODUCTLIST

Table 3-10: ProductList – Properties

NAME	TYPE	DESCRIPTION
products	Array	Array of Product object(s)

3.11 PRODUCT

Table 3-11: Product – Properties

NAME	TYPE	DESCRIPTION
productid	String	The unique identifier of a product
createDate	Date	The date and time a product was created
transactionId	String	The transaction id of the document this product was created for
customerid	String	The customer id this product was created for
name	String	The name of the products, For transcripts this will be the TDS transactionId.html
description	String	Will contain details about the product. For transcripts this will include transcript type, tax period, Customer File Number (when present on the document) and Unique identifier (when present on the document)
contentType	String	The type of content this product contain, for transcripts this will be HTML
State	String	The current state of the product, valid values are NEW and RETRIVED Note: products move to a RETRIVED state after initial view/download
retrievedDate	Date	The date and time the product was retrieved
_links	Object	An object containing any Link that can/could be used for navigating the result set Possible links are <ul style="list-style-type: none"> self



NAME	TYPE	DESCRIPTION
		<ul style="list-style-type: none"> content

3.12 NAME

Table 3-12: Name – Properties

NAME	TYPE	DESCRIPTION	VALUES
firstNm	String	The first name	Max size 128 characters
middleInitialTxt	String	The middle initial	Max size 1 character
lastNm	String	The last name	Max size 128 characters

3.13 ADDRESS

Table 3-13 Address - Properties

NAME	TYPE	DESCRIPTION	VALUES
streetAddressTxt	String	The street address	max size 256 characters
cityNm	String	The city	max size 64 characters
stateAbbreviationCd	String	The state code	max size 2 characters
zipCd	String	The zip code	digits

3.14 PAGE

Table 3-14: Page – Properties

NAME	TYPE	DESCRIPTION
totalPages	Number	The total number of pages for the search results
totalElements	Number	The total number of elements for the search results
number	Number	The current page number of the search results, Note this is in base 0
size	Number	The current page size of the search results, default is 25

3.15 LINK

Table 3-15: Link – Properties

NAME	TYPE	DESCRIPTION
<ul style="list-style-type: none"> self products content first next last 	Object	An Href object



3.16 HREF

Table 3-16: Href – Properties

NAME	TYPE	DESCRIPTION
href	String	A url that can be used to take action with

3.17 ERRORRESPONSE

Table 3-17: ErrorResponse – Properties

NAME	TYPE	DESCRIPTION
status	Number	The status code of the error
message	String	Message describing the error
errors	Array	Array of Error objects

```
{
  "status": 400,
  "message": "Validation failure",
  "errors": [ {
    "errorCode": "fbpDocument.form.taxpayerTin.invalid",
    "description": "must be a valid TIN"
  } ],
  "timestamp": "2022-08-24 23:07:38.718"
}
```

Figure 6 Examlpe ErrorResponse

3.18 ERROR

Table 3-18: Error – Properties

NAME	TYPE	DESCRIPTION
errorCode	String	The code which describes the error
description	String	Message describing the error



SECTION 4 - TESTING

The FBP A2A API provides a publicly available set of testing resources for API clients to test against. Each of the API resources are available on the test endpoint <https://api.alt.www4.irs.gov>. Resources on the test endpoint only return simulated responses, they do not return response with live data. To access the test resources, you must have a valid client ID and valid user credentials.

The purpose of the test resources is to allow clients to see a verity of responses, so they can handle them appropriately. The following sections outline the behavior for each of the FBP A2A API resources.

4.1 SUBMIT DOCUMENT

Clients can submit 4506c to the test endpoint(s)

- when submitting valid data (data that meets the input constraint) clients will receive a document summary response with an assigned transaction id that can be used to search, retrieve document details, etc.
- when submitting invalid data, clients will receive a 400 Error Response, with details about which field or fields are invalid
- Taxpayer approval/signatures, documents will not actually be processed. Based on taxpayer in the document they will
 1. When the tin starts with 000-11- the document will stay in PENDING_AUTHORIZATION status and will never move to completion. These documents can be used to test editing and withdrawing a document
 2. When the tin does not start with 000-11- The testing env will approve them and generate simulated products/transcripts for them.

4.1.1 Notes

- Only 1 product will be generated per document, documents that request multiple types and tax periods will only get 1 product.
- **DO NOT use live taxpayer data!!!**
- Document submittals are still subject to 429 constraints

4.2 SEARCH DOCUMENTS

Clients will be able to search for any/all of the documents they submitted into the test endpoint(s).

4.3 RETRIEVE DOCUMENT DETAILS

Clients can retrieve the document details of any/all documents they have submitted into the test endpoint(s)



4.4 EDIT DOCUMENT

Clients can edit any of their documents that are in PENDING_AUTHORIZATION status in the test environment.

4.4.1 Notes

- The only documents that will stay in PENDING_AUTHORIZATION status are those that have taxpayer tin that start with 000-11-
- These documents will never move to COMPLETE they will stay in PENDING_AUTHORIZATION until they expire.

4.5 WITHDRAW DOCUMENT

Clients can withdraw any of their document that are in PENDING_AUTHORIZATION status in the test environment.

4.5.1 Notes

- The only documents that will stay in PENDING_AUTHORIZATION status are those that have taxpayer tin that start with 000-11-

4.6 PRODUCTS SEARCH

Clients can search for any/all products/transcripts that have been created for the documents they have submitted in the test environment.

4.6.1 Notes

- Only 1 product will be generated per document, documents that request multiple types and tax periods will only get 1 product.
- Only documents with a taxpayer tin that do not start with 000-11- will get a product generated for it in the test environment.
- Products are canned examples. They will not correspond to the taxpayer(s) request in the document, nor the tax form requested in the document

4.7 RETRIEVE PRODUCT DETAILS

Clients can retrieve the details of any product/transcript that have been created for the documents they have submitted in the test environment.

4.7.1 Notes

- Only 1 product will be generated per document, documents that request multiple types and tax periods will only get 1 product.
- Only documents with a taxpayer tin that do not start with 000-11- will get a product generated for it in the test environment.
- Products are canned examples. They will not correspond to the taxpayer(s) request in the document, nor the tax form requested in the document



4.8 RETRIEVE PRODUCT CONTENT

Clients can retrieve the content of any product/transcript that have been created for the documents they have submitted in the test environment.

4.8.1 Notes

- Only 1 product will be generated per document, documents that request multiple types and tax periods will only get 1 product.
- Only documents with a taxpayer tin that do not start with 000-11- will get a product generated for it in the test environment.
- Products are canned examples. They will not correspond to the taxpayer(s) request in the document, nor the tax form requested in the document



SECTION 5 - REFERENCE CLIENT

The following sections provide examples of calling the Tin Match API resources using curl as the client. The examples expect that you have already obtained an access token via one of the methods described in the e-Services API Authorization User Guide. For the purposes of these example the access token will be represents by `$access_token`.

Notes:

- Examples are going against the test endpoint(s).
- Newer versions of curl (7.47.0 and above), might default to http2, the `--http1.1` flag will be required in examples, but in older versions the `--http1.1` is not valid

5.1 SUBMIT DOCUMENT

```
curl -k -X POST https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents \
--http1.1 \
-H "Content-Type: application/json" \
-H "Authorization: Bearer $access_token" \
-d '{"formName": "form4506c_05_2022", "currentTaxpayerName": {"firstNm":
"test", "middleInitialTxt": null, "lastNm": "test"}, "taxpayerTin":
"000221234", "currentAddress": {"streetAddressTxt": "101 main st", "cityNm":
"somewhere", "stateAbbreviationCd": "TX", "zipCd": "75094"}, "participantId":
"123456789", "participantNm": "ives co", "participantAddress":
{"streetAddressTxt": "101 part st", "cityNm": "somewhere", "stateAbbreviationCd":
"TX", "zipCd": "75094"}, "participantMailBoxId": "test", "clientNm": "lending
co", "clientTelephoneNum": "1234567890", "clientAddress": {"streetAddressTxt":
"101 client st", "cityNm": "somewhere", "stateAbbreviationCd": "TX", "zipCd":
"75094"}, "transcriptRequestedFormNm": "1040", "returnTranscriptInd":
true, "accountTranscriptInd": false, "recordOfAccountInd":
false, "wageAndIncomeTranscriptInd": false, "taxpayerRequestingInd":
false, "spouseRequestingInd": false, "taxPeriodEndDt":
["12/31/2021"], "signatoryAttestsInd": true}'
```

Figure 7 Submit Document curl reference example

5.2 SEARCH DOCUMENTS

Below are a few examples of searching for documents. See [Search Documents](#) for a full list of available search params

5.2.1 Search by creationTs



```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?creationTs=2022-10-17' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 8 Search Documents curl reference example 1

5.2.2 Search by Status

```
curl -k \  
'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?status=PRODUCTS_COMPLETE' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 9 Search Documents curl reference example 2

5.2.3 Search by customerFileNumber

```
curl -k \  
'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?formName=form4506c_05_2022&customerFileNumber=1234567890' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 10 Search Documents curl reference example 3

Note: Since customerFileNumber is a 4506c specific field you must also include the formName param

5.2.4 Search by uniqueIdentifier

```
curl -k \  
'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents?formName=form4506c_05_2022&uniqueIdentifier=1234567890' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 11 Search Documents curl reference example 4



5.2.5 Search by TIN

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents' \  
--http1.1 \  
-H "X-FBP-PII: tin=000221234" \  
-H "Authorization: Bearer $access_token"
```

Figure 12 Search Documents curl reference example 5

5.3 RETRIEVE DOCUMENT DETAILS

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/{transactionId}' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 13 Retrieve Document curl reference example

Note: `{transactionId}` needs to be replaced with one of your transaction ids

5.4 EDIT DOCUMENT

Example below populates the 'uniqueId' field of a 4506c

```
curl -k -X PATCH \  
https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20221017- \  
076e739f13d5455ea52b329d2c748b12 \  
--http1.1 \  
-H "Content-Type: application/json" \  
-H "Authorization: Bearer $access_token" \  
-d '{"formName": "form4506c_05_2022", "uniqueId": "007100", "currentTaxpayerName": \  
{ "firstNm": "test", "middleInitialTxt": null, "lastNm": "test"}, "taxpayerTin": \  
"000111234", "currentAddress": { "streetAddressTxt": "101 main st", "cityNm": \  
"somewhere", "stateAbbreviationCd": "TX", "zipCd": "75094"}, "participantId": \  
"123456789", "participantNm": "ives co", "participantAddress": \  
{ "streetAddressTxt": "101 part st", "cityNm": "somewhere", "stateAbbreviationCd": \  
"TX", "zipCd": "75094"}, "participantMailBoxId": "test", "clientNm": "lending \  
co", "clientTelephoneNum": "1234567890", "clientAddress": { "streetAddressTxt": \  
"101 client st", "cityNm": "somewhere", "stateAbbreviationCd": "TX", "zipCd": \  
"75094"}, "transcriptRequestedFormNm": "1040", "returnTranscriptInd": \  
true, "accountTranscriptInd": false, "recordOfAccountInd": \  
false, "wageAndIncomeTranscriptInd": false, "taxpayerRequestingInd":
```



```
false,"spouseRequestingInd": false,"taxPeriodEndDt":  
["12/31/2021"],"signatoryAttestsInd": true}'
```

Figure 14 Edit Document curl reference example

5.5 WITHDRAW DOCUMENT

```
curl -k -X DELETE  
https://api.alt.www4.irs.gov/fbp/1.0/a2a/documents/form4506c_05_2022-20221017-  
076e739f13d5455ea52b329d2c748b12 \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 15 Withdraw Document curl reference example

5.6 PRODUCTS SEARCH

Below are a few examples of searching for products. See [Search Products](#) for a full list of available search params

5.6.1 Search by state

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?state=NEW' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 16 Search Products curl reference example 1

5.6.2 Search by create date

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?createDate=2022-10-  
17' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 17 Search Products curl reference example 2

5.6.3 Search by transaction id

```
curl -k  
'https://api.alt.www4.irs.gov/fbp/1.0/a2a/products?transactionId={transactionId  
}' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```



Figure 18 Search Products curl reference example 3

Note: {transactionId} needs to be replaced with one of your transaction ids

5.7 RETRIEVE PRODUCT DETAILS

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/{productId}' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 19 Retrieve Product details curl reference example

Note: {productId} needs to be replaced with one of your product ids

5.8 RETRIEVE PRODUCT CONTENT

```
curl -k 'https://api.alt.www4.irs.gov/fbp/1.0/a2a/products/{productId}/content' \  
--http1.1 \  
-H "Authorization: Bearer $access_token"
```

Figure 20 Retrieve Product content curl reference example

Note: {productId} needs to be replaced with one of your product ids



APPENDIX A - ABBREVIATIONS AND ACRONYMS

Table A-1 lists the abbreviations and acronyms used in this document.

Table A-0-1: Abbreviations and Acronyms

ABBREVIATION / ACRONYM	DEFINITION
API	Application Program Interface
IRS	Internal Revenue Service
PMO	Program Management Office
REST	Representational State Transfer
TIN	Taxpayer Identification Number