

UPLOAD - SOAP Request/Response

SANDBOX ENDPOINT URL: <https://api.ach.com/webservicesSandbox/v1/gateway.asmx>

PRODUCTION ENDPOINT URL: <https://api.ach.com/websevice/V1/gateway.asmx>

To Consume the WSDL:

<https://api.ach.com/websevice/V1/gateway.asmx?WSDL>

SUMMARY

The methods described below outline the parameters needed to connect to the API:

- UPLOAD FILE
- PROCESS UPLOADED FILE
- REMOVE UPLOADED FILE
- CANCEL PROCESSING OF UPLOADED FILE
- CONFIRM FILE PROCESSING
- GET CONFIRMATION ON PROCESSED FILE

1) Upload File

a) SOAP 1.1 - REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/UploadFile"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <UploadFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileTransactionCount>string</fileTransactionCount>
      <fileDebits>string</fileDebits>
      <fileCredits>string</fileCredits>
      <fileName>string</fileName>
      <fileContent>string</fileContent>
    </UploadFile>
  </soap:Body>
</soap:Envelope>
```

b) SOAP 1.1 – RESPONSE

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <UploadFileResponse xmlns="http://api.ach.com/">
      <UploadFileResult>string</UploadFileResult>
    </UploadFileResponse>
  </soap:Body>
</soap:Envelope>
```

c) SOAP 1.2 - REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com

Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <UploadFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileTransactionCount>string</fileTransactionCount>
      <fileDebits>string</fileDebits>
      <fileCredits>string</fileCredits>
      <fileName>string</fileName>
      <fileContent>string</fileContent>
    </UploadFile>
  </soap12:Body>
</soap12:Envelope>
```

d) SOAP 1.2 – RESPONSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <UploadFileResponse xmlns="http://api.ach.com/">
      <UploadFileResult>string</UploadFileResult>
    </UploadFileResponse>
  </soap12:Body>
</soap12:Envelope>
```

2) Options for Uploaded File

a) REMOVE UPLOADED FILE

i. SOAP 1.1 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/RemoveUploadedFile"
```

i. SOAP 1.2 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <RemoveUploadedFileResponse xmlns="http://api.ach.com/">
      <RemoveUploadedFileResult>string</RemoveUploadedFileResult>
    </RemoveUploadedFileResponse>
  </soap12:Body>
</soap12:Envelope>
```

b) PROCESS UPLOADED FILE

ii. SOAP 1.1 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/ProcessUploadedFile"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ProcessUploadedFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </ProcessUploadedFile>
  </soap:Body>
</soap:Envelope>
```

iii. SOAP 1.1 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>

<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ProcessUploadedFileResponse xmlns="http://api.ach.com/">
      <ProcessUploadedFileResult>string</ProcessUploadedFileResult>
    </ProcessUploadedFileResponse>
  </soap:Body>
</soap:Envelope>
```

iv. SOAP 1.2 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ProcessUploadedFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </ProcessUploadedFile>
  </soap12:Body>
</soap12:Envelope>
```

iv. SOAP 1.2 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ProcessUploadedFileResponse xmlns="http://api.ach.com/">
      <ProcessUploadedFileResult>string</ProcessUploadedFileResult>
    </ProcessUploadedFileResponse>
  </soap12:Body>
</soap12:Envelope>
```

3) Options for “Processed” File

a) CANCEL PROCESSING OF UPLOADED FILE

i. SOAP 1.1 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/CancelProcessingOfUploadedFile"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <CancelProcessingOfUploadedFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </CancelProcessingOfUploadedFile>
  </soap:Body>
</soap:Envelope>
```

ii. SOAP 1.1 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <CancelProcessingOfUploadedFileResponse xmlns="http://api.ach.com/">
      <CancelProcessingOfUploadedFileResult>string</CancelProcessingOfUploaded
FileResult>
    </CancelProcessingOfUploadedFileResponse>
  </soap:Body>
</soap:Envelope>
```

iii. SOAP 1.2 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <CancelProcessingOfUploadedFile xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </CancelProcessingOfUploadedFile>
  </soap12:Body>
</soap12:Envelope>
```

iv. SOAP 1.2 –REPNSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <CancelProcessingOfUploadedFileResponse xmlns="http://api.ach.com/">
      <CancelProcessingOfUploadedFileResult>string</CancelProcessingOfUploaded
FileResult>
    </CancelProcessingOfUploadedFileResponse>
  </soap12:Body>
</soap12:Envelope>
```

b) CONFIRM FILE PROCESSING

i. SOAP 1.1 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/ConfirmFileProcessing"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
```

```
<soap:Body>
  <ConfirmFileProcessing xmlns="http://api.ach.com/">
    <securityToken>string</securityToken>
    <nachaId>string</nachaId>
    <fileId>string</fileId>
  </ConfirmFileProcessing>
</soap:Body>
</soap:Envelope>
```

ii. SOAP 1.1 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ConfirmFileProcessingResponse xmlns="http://api.ach.com/">
      <ConfirmFileProcessingResult>string</ConfirmFileProcessingResult>
    </ConfirmFileProcessingResponse>
  </soap:Body>
</soap:Envelope>
```

iii. SOAP 1.2 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ConfirmFileProcessing xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </ConfirmFileProcessing>
  </soap12:Body>
</soap12:Envelope>
```

iv. SOAP 1.2 –RESPONSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ConfirmFileProcessingResponse xmlns="http://api.ach.com/">
      <ConfirmFileProcessingResult>string</ConfirmFileProcessingResult>
    </ConfirmFileProcessingResponse>
  </soap12:Body>
</soap12:Envelope>
```

4) Get Confirmation on Processed File

a) SOAP 1.1 –REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://api.ach.com/ConfirmFileProcessing"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ConfirmFileProcessing xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </ConfirmFileProcessing>
  </soap:Body>
</soap:Envelope>
```


ii. SOAP 1.1 – RESPONSE

```
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <ConfirmFileProcessingResponse xmlns="http://api.ach.com/">
      <ConfirmFileProcessingResult>string</ConfirmFileProcessingResult>
    </ConfirmFileProcessingResponse>
  </soap:Body>
</soap:Envelope>
```

iii. SOAP 1.2 – REQUEST

```
POST /webservice/V1/gateway.asmx HTTP/1.1
Host: api.ach.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ConfirmFileProcessing xmlns="http://api.ach.com/">
      <securityToken>string</securityToken>
      <nachaId>string</nachaId>
      <fileId>string</fileId>
    </ConfirmFileProcessing>
  </soap12:Body>
</soap12:Envelope>
```

iv. SOAP 1.2 – RESPONSE

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <ConfirmFileProcessingResponse xmlns="http://api.ach.com/">
      <ConfirmFileProcessingResult>string</ConfirmFileProcessingResult>
    </ConfirmFileProcessingResponse>
  </soap12:Body>
</soap12:Envelope>
```