

SIGNORITY

Signority

RESTFUL API Document

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1 TERMS & EXAMPLES

1.1 TERMS

Base URL:

<https://sign.signority.com/api>

Document:

A set of files need to be signed. A document is like an envelope.

Files:

One document can have more than one file.

Tags:

Tags located on a specific page with a specific position within a document. Tags are fillable fields for signers to fill out with data or input their signature.

Signers

The individuals/parties who are to sign a document.

1.2 SANDBOX SETUP

Signority offers a sandbox environment for customers to run tests before going live on the production server. All of the API endpoints that are available on the production server are also available on the sandbox server. Note that documents signed in the sandbox are not legally binding.

Base URL:

<https://sandbox.signority.com/api>

1.3 JSON OBJECT OF A DOCUMENT

The JSON object of a Signority Document contains various fields that are used to define the attributes of the document. Since the Document is at the center of all signing processes, this JSON object is key to many different kinds of API workflows. Some parts and fields of the Document JSON object are optional. These optional parts and fields will be outlined in the table presented below.

1.3.1 THE MAIN STRUCTURE:

Field Name	Required	Type	Description
id	No	Int	<i>Auto increment Id of document</i>
title	Yes	string	<i>The name of the document</i>
senderName	Yes	String	<i>The sender name shown in the invitation email and on the Signority UI</i>
senderEmail	Yes	String	<i>The email address shown in the invitation email</i>
signingStatus	Yes	int	<i>The current status of document When creating or updating a Signority Document, if signingStatus = 52, the system will send an invitation out to the recipients. If creating templates, set signingStatus = 51. SIGNING_STATUS_DRAFT = 51 SIGNING_STATUS_IN_PROGRESS = 52 SIGNING_STATUS_COMPLETED = 53 SIGNING_STATUS_REJECTED = 54</i>
createdTime	No	int	--
lastModifiedTime	No	int	--
documentSentTime	No	String	<i>'YYYY-MM-DD HH:MM:SS.m Year, Month, Day, Hour, Minute, Second, Millisecond</i>
userId	No	Int	<i>The owner of the account which is used to send this document out.</i>
documentType	Yes	int	<i>DOCUMENT_TYPE_DOCUMENT = 5 DOCUMENT_TYPE_TEMPLATE_LINK = 6 DOCUMENT_TYPE_REGULAR_TEMPLATE = 7 DOCUMENT_TYPE_BULK_TEMPLATE = 8</i>

documentSetting	No	JsonObject	<i>The general settings of document</i>
invitations	No	JsonArray	<i>The recipients list. See 1.2.2 The Structure of Invitations.</i>
Files	No	JsonArray	<i>Usually you don't need to specify this JSON array. Instead, after creating a document/template, upload the files that need to be signed separately. See 3.2 Uploading Files for details. <i>Include: Files, pages and tags information</i></i>
histories	No	JsonArray	<i>Audit trail</i>

Example:

```
{
  'document {6}':
    {
      'createdTime': 1590671827000,
      'documentSentTime': '2020-05-28 09:17:07.0',
      'documentSetting {34}':
        {
          'EmailBody': '',
          'EmailSubject': 'Python User 27 has sent you the document
API Test document 001',
          'documentId': 27778,
          'id': 27650,
          'languageCode': 550,
        },
      'documentType': 5,
      'files': [
        {
          'id': 28738,
          'name': 'blank',
          'pages': [
            {
              'height': 792,
              'id': 173877,
              'sequence': 1,
              'tags': [],
              'width': 612
            }
          ]
        }
      ]
    }
}
```

```
    }
  ],
  'sequence': 1,
  'type': 151
}
],
'histories {1}': [
  {
    'action': 'Document created by',
    'actionId': 352,
    'dateTime': 1590671827000,
    'documentID': 27778,
    'email': 'pythonuser27@mail.com',
    'id': 62837,
    'name': 'Python User 27'
  }
],
'id': 27778,
'invitations': [
  {
    # {8}
    'actionType': 15,
    'authentications': [],
    'hostedSigners': [],
    'id': 33519,
    'recipientEmail': 'pythonrecip@mail.com',
    'recipientName': 'Python Recipient',
    'sequence': 1,
    'status': 60,
    'witnesses': []
  }
],
'isPublished': False,
'lastModifiedTime': 1590671829000,
'senderEmail': 'pythonuser27@mail.com',
'senderName': 'Python User 27',
'signingStatus': 51,
'title': 'API Test document 001',
'userId': 1354,
'version': 4
},
```

```
'success': True  
}
```


I.3.2 THE STRUCTURE OF INVITATIONS:

Field Name	Required	Type	Description
ReminderEmailCount	Yes	Integer	<i>The number of reminder emails sent out so far</i>
actionType	Yes	Integer	<i>INVITATION_TYPE_SIGNER = 15</i> <i>INVITATION_TYPE_VIEWER = 16</i> <i>INVITATION_TYPE_REVIEWER = 17</i> <i>INVITATION_TYPE_SIGNING_HOST = 18</i> <i>INVITATION_TYPE_OPEN_SIGNER = 21</i>
authentications	Yes	JSONArray	<i>Set multi-factor authentication settings for each recipients</i> <i>'type':</i> <i>131 = email authentication</i> <i>132 = SMS authentication</i> <i>'phone':</i> <i>String. Phone number to which the authentication code is to be sent if 'type' is set to 132.</i> <i>'email':</i> <i>Email address to which the authentication code is to be sent if 'type' is set 131, and if 'emailAuthSeparate' is set to True</i> <i>'emailAuthSeparate':</i> <i>Indicates whether or not email authentication code should be sent to an email different from the recipient's email.</i>
canSignTags	Yes	Boolean	<i>Invitee signing permissions</i>
emailBody	No	String	<i>Custom private message for the recipient</i>
id	Yes	Integer	<i>The invitee's id</i>
lastReminderSent	No	Boolean	--
recipientEmail	Yes	String	<i>The recipient's email</i>

recipientName	Yes	String	The name of the recipient
sequence	No	Integer	The order of which the invitee can access the document
Status	Yes	Integer	RECIPIENT_STATUS_NOT_SENT = 60 RECIPIENT_STATUS_WAIT_TO_OPEN = 61 RECIPIENT_STATUS_REACH_DEADLINE = 62 RECIPIENT_STATUS_WORK_IN_PROGRESS = 63 RECIPIENT_STATUS_VIEWED = 64 RECIPIENT_STATUS_REJECTED = 65 RECIPIENT_STATUS_FINALIZED = 67 RECIPIENT_STATUS_CANCELLED = 68
witnesses	No	JSONArray	Array of witnesses to a signer

Example:

```
{'invitations {5}': [
  {
    'ReminderEmailCount': 0,
    'actionType': 15,
    'authentications': [
      {
        'type': 131,
        'email': 'example@mail.com',
        'emailAuthSeparate': True
      }
    ],
    'canSignTags': True,
    'emailBody': 'Test email message',
    'id': 33122,
    'lastReminderSent': False,
    'recipientEmail': 'pythonrecip@mail.com',
    'recipientName': 'Python Recipient',
    'sequence': 1,
    'status': 60,
    'witnesses': []
  }
]
```

```

    }
  ]
}

```

1.3.3 THE STRUCTURE OF FILES:

Field Name	Required	Type	Description
id	Yes	Integer	<i>ID of the file</i>
name	Yes	String	<i>Name of the file</i>
pages	Yes	JSONArray	<i>Page information</i>
sequence	Yes	Integer	--
type	Yes	Integer	<i>Type of file</i>

Example:

```

{'files': [
  {'id': 28376,
    'name': 'blank',
    'pages': [
      {
        'height': 792,
        'id': 173514,
        'sequence': 1,
        'tags': [],
        'width': 612}],
    'sequence': 1,
    'type': 151},
  {
    'id': 28377,
    'name': 'blank',
    'pages': [
      {
        'height': 792,
        'id': 173515,
        'sequence': 1,
        'tags': [],

```

```

        'width': 612}],
    'sequence': 1,
    'type': 151
  }
]
}

```

1.3.4 THE STRUCTURE OF HISTORIES:

```

{'histories': [
  {
    'action': 'Document created by',
    'actionID': 352,
    'dateTime': 0,
    'documentID': 1,
    'email': 'pythonuser27@mail.com',
    'id': 62394,
    'ip': '0.0.0.0',
    'name': 'Python User 27'}]}

```

Field Name	Required	Type	Description
action	Yes	String	--
actionID	Yes	Integer	--
dateTime	Yes	Integer	<i>Time that the change was made</i>
documentID	Yes	Integer	<i>ID of the document being referred to</i>
email	Yes	String	<i>User who made the change</i>
id	Yes	Integer	<i>Audit ID</i>
ip	Yes	String	<i>IP address of user</i>
name	Yes	String	<i>Name of user who made the change</i>

1.2.5 HOW TO ENABLE PDF FORM TAGS AND ANCHOR TAGS:

To enable PDF form tags and/or anchor tags in the document that you are sending to Signority, set the “**addTagsOfPDF**” and/or “**addAnchorTags**” field to **true**. See the example below.

```

{"title": "API test document 001 ",

```

```

"senderName": "Test sender",
"senderEmail": "testsender@signority.com",
"signingStatus": 52,
"documentType": 5,
"isPublished": false,
"sharedToTeam": false,
"addTagsOfPDF": true,
"addAnchorTags": true,
"documentSetting": {
  "emailBody": "",
  "emailSubject": "setting test",
  "enableSignEmail": true,
  "enableViewerEmail": true,
  "notificationFinalEmailWithAttachmentToAllRecipientsEnabled":
true,
  "hideButtonReject": true,
  "hideButtonSave": true,
  "hideButtonDownload": true,
  "hideButtonStatus": true,
  "hideButtonThumbnail": true,
  "hideViewDocumentButton": true,
  "noFinalEmailToSender": true,
  "noFinalEmailToRecipients": true,
  "finalEmailPDFDownloadLinkRecipients": true,
},
"invitations": [
{
  "id": -1,
  "recipientName": "Python Recipient",
  "recipientEmail": "pythonrecip@mail.com",
  "actionType": 15,
  "status": 60,
  "sequence": 1,
  "isBulkSigner": false,
  "emailSubject": "",
  "emailBody": ""
}
]
}

```

Field Name	Required	Type	Description
------------	----------	------	-------------

addTagsOfPDF	Yes	Boolean	<i>Enable/Disable importing PDF fillable form fields as tags into Signority</i>
addAnchorTags	Yes	Boolean	<i>Enable/Disable importing Anchor Tags into Signority</i>

1.4 AUTHENTICATION (POSTMAN USAGE)

The Signority API primarily uses basic authentication to distinguish the users when processing the API requests. Authentication data is securely encrypted using SSL.

The screenshot shows the Postman interface with the 'Authorization' tab selected. The 'TYPE' dropdown is set to 'Basic Auth'. Below it, a note states: 'The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)'. The 'Username' field contains 'your email@signority.com' and the 'Password' field contains 'your password'. A 'Show Password' checkbox is checked.

You can also input your API key as the username, and leave the password field blank.

The screenshot shows the Postman interface with the 'Authorization' tab selected. The 'TYPE' dropdown is set to 'Basic Auth'. Below it, a note states: 'The authorization header will be automatically generated when you send the request. [Learn more about authorization](#)'. The 'Username' field contains the API key 'cf1b5433-f6da-4195-972e-b9c81fdcd3b7' and the 'Password' field is blank. A 'Show Password' checkbox is checked.

1.5 NOTIFICATION

If you want Signority to push a finalized document to your server or any other application when a document is finalized, you need to set the **document.documentSetting.postBackURL** field.

For example: Document.documentSetting.postBackURL = callback_URL/document_id

If the postBackURL is empty, Signority will not push the document back to your server

Notify Method : POST <Signority sends two requests to your server, one is to push the document in JSON to your server, another is to push the signed files back to your server. If it doesn't meet your requirement, please contact with us.>

You can set a different URL for each document.

```
1
// add callback url
var docSettings = new DocumentSetting();
docSettings.postBackUrl = "http://backend.signority.com/callback";
doc1.documentSetting = docSettings;
.. .. .
```

For an example of the JSON body, please see [3.1 Create a Document](#).

To send the signed PDF document back together with the metadata in the same HTTP request, the postBackURL must contain "?user_auth=". For example:

```
"documentSetting": {
    "postBackUrl":
    "https://server:port/xxx?user_auth=username:yourname#password:yourpassword"
}
```

The metadata (in JSON format) is contained in the HttpServletRequest and can be retrieved like this (Java example):

```
jMetadata = (JSONObject.fromObject(request.getParameter("metadata")));
```

You can also supply authentication credentials in the postBackURL as query parameters, as seen in the example above.

2 ACCOUNT ACCESS

This section goes over requests related to user credentials and account information.

2.1 LOGIN

This API call logs a user into their Signority account using their email and password.

URL:

baseUrl + /v1/user/login

Formats:

JSON <multipart/related>

HTTP Method:

GET

URL Parameters:

Name	Required?	Type	Description
email	Yes	string	<i>The account's email address</i>
password	Yes	String	<i>Corresponding password to the account</i>

Example Success Response:

```
{
  'success': True,
  'user':
    {
      'bms': 449,
      'companyname': 'Signority',
      'country': 'CA',
      'credit': 0,
      'currency':
        {
          'code': 'CAD',
          'id': 2,
          'prefix': '$',
          'suffix': 'CAD'
        },
      'datecreated':
        {
          'date': 21,
          'day': 4,
          'hours': 16,
          'minutes': 18,
          'month': 4,
          'nanos': 0,
          'seconds': 47,
          'time': 1590092327000,
          'timezoneOffset': 240,
          'year': 120
        }
    },
}
```



```
'email': 'signorityapidemo@gmail.com',
'firstname': 'Demo',
'id': 1354,
'lastname': 'Account',
'phonenummer': '1234567890',
'state': 'Ontario',
'status': 'Active',
'userProduct':
  {
    'amount': 0,
    'apiKeyEnabled': True,
    'begindate': '2020-05-04',
    'billingcycle': 'Annually',
    'currency':
      {
        'code': 'CAD',
        'id': 2,
        'prefix': '$',
        'suffix': 'CAD'
      },
    'deductionamount': 2160,
    'id': 1166,
    'name': 'Plus Plan',
    'nextduedate': '2020-06-04',
    'product': 10601,
    'status': 'Active',
    'stripeStatus': 'trialing',
    'stripeTrialEnd': 1591221600,
    'stripeTrialStart': 1590012000},
'userSetting':
  {
    'APIKey': '56c8beb5-fef1-4269-b5c1-bc3cd302750b',
    'AttachDocCertificateToTheFinalEmailAttachment': True,
    'CombineFinalEmailAttachmentsIntoOnePDFFile': True,
    'ContactsSharingEnabled': False,
    'DSignEnabled': True,
    'DefaultExpireDaysAfterSent': 180,
    'DefaultLastReminderDaysBeforeExpire': 3,
    'DefaultMaxReminderEmailCount': 5,
    'DefaultReminderEmailIntervalDays': 3,
    'DocSharingEnabled': False,
    'ESignEnabled': True,
```

```

      'ESignPoweredByEnabled': False,
      'EmailAddressConfirmed': True,
      'GUID': '79d0c6b8-3eee-4813-bab2-20c5c44e92b5',
      'HelpInstructionEnabled': True,
      'LanguageLocalization': 550,
      'NotificationExpiredDocEmailEnabled': True,
      'NotificationFinalEmailWithAttachmentEmailEnabled': True,

'NotificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,

'NotificationFinalEmailWithPDFDownloadLinkToAllRecipientsEnabled': False,

'NotificationFinalEmailWithPDFDownloadLinkToSenderEnabled': False,
      'NotificationNoFinalEmailToRecipientsEnabled': False,
      'NotificationNoFinalEmailToSenderEnabled': False,
      'NotificationRecipientSignDocEmailEnabled': True,
      'NotificationRecipientViewDocEmailEnabled': False,
      'NotificationReminderEmailEnabled': True,
      'PkiEnabled': False,
      'ShareAddressBookToTeam': False,
      'ShareAutomaticallyDocToTeam': False,
      'ShareAutomaticallyTemplateToTeam': False,
      'authKey': 'Basic
NTZjOGJlYjUtZmVmMS00MjY5LWl1YzEtYmMzY2QzMDI3NTBiOg==',
      'hideButtonChangeSigner': False,
      'hideButtonDownload': False,
      'hideButtonHelp': False,
      'hideButtonReject': False,
      'hideButtonSave': False,
      'hideButtonStatus': False,
      'hideButtonThumbnail': False,
      'hideSigningButtonDrawingSignature': False,
      'hideSigningButtonTypeSignature': False,
      'hideSigningButtonUploadSignature': False,
      'id': 1352
    }
  }
}

```

Name	Required?	Type	Description
success	Yes	Boolean	Call success

user	Yes	JSONObject	--
email	Yes	String	<i>Email address of the user</i>
id	Yes	Integer	<i>ID of the user</i>
phonenumber	Yes	String	--
userProduct	Yes	JSONObject	--
userSetting	Yes	JSONObject	--

Error Response:

Code: 400

or

```
{
  'message': [detailed error message],
  'success': False
}
```

2.2 RETRIEVE ACCOUNT DETAILS

URL:

baseUrl + /v1/user/

Formats:

JSON <multipart/related>

HTTP Method:

GET

URL Parameters:

None

Example Success Response:

```
{
  'success': True,
  'user':
    {
      'bms': 449,
      'companyname': 'Signority',
      'country': 'CA',
      'credit': 0,
      'currency':
        {
          'code': 'CAD',
          'id': 2,
          'prefix': '$',
          'suffix': 'CAD'
        },
      'datecreated':
        {
          'date': 21,
          'day': 4,
          'hours': 16,
          'minutes': 18,
          'month': 4,
          'nanos': 0,
          'seconds': 47,
          'time': 1590092327000,
          'timezoneOffset': 240,
          'year': 120
        },
      'email': 'signorityapidemo@gmail.com',
      'firstname': 'Demo',
      'id': 1354,
      'lastname': 'Account',
      'onenumber': '1234567890',
      'state': 'Ontario',
      'status': 'Active',
      'userProduct':
        {
          'amount': 0,
          'apiKeyEnabled': True,
          'begindate': '2020-05-04',
          'billingcycle': 'Annually',
          'currency':
```

```

    {
      'code': 'CAD',
      'id': 2,
      'prefix': '$',
      'suffix': 'CAD'
    },
    'deductionamount': 2160,
    'id': 1166,
    'name': 'Plus Plan',
    'nextduedate': '2020-06-04',
    'product': 10601,
    'status': 'Active',
    'stripeStatus': 'trialing',
    'stripeTrialEnd': 1591221600,
    'stripeTrialStart': 1590012000},
  'userSetting':
  {
    'APIKey': '56c8beb5-fef1-4269-b5c1-bc3cd302750b',
    'AttachDocCertificateToTheFinalEmailAttachment': True,
    'CombineFinalEmailAttachmentsIntoOnePDFFile': True,
    'ContactsSharingEnabled': False,
    'DSignEnabled': True,
    'DefaultExpireDaysAfterSent': 180,
    'DefaultLastReminderDaysBeforeExpire': 3,
    'DefaultMaxReminderEmailCount': 5,
    'DefaultReminderEmailIntervalDays': 3,
    'DocSharingEnabled': False,
    'ESignEnabled': True,
    'ESignPoweredByEnabled': False,
    'EmailAddressConfirmed': True,
    'GUID': '79d0c6b8-3eee-4813-bab2-20c5c44e92b5',
    'HelpInstructionEnabled': True,
    'LanguageLocalization': 550,
    'NotificationExpiredDocEmailEnabled': True,
    'NotificationFinalEmailWithAttachmentEmailEnabled': True,

'NotificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,

'NotificationFinalEmailWithPDFDownloadLinkToAllRecipientsEnabled': False,

'NotificationFinalEmailWithPDFDownloadLinkToSenderEnabled': False,
    'NotificationNoFinalEmailToRecipientsEnabled': False,

```

```

'NotificationNoFinalEmailToSenderEnabled': False,
'NotificationRecipientSignDocEmailEnabled': True,
'NotificationRecipientViewDocEmailEnabled': False,
'NotificationReminderEmailEnabled': True,
'PkiEnabled': False,
'ShareAddressBookToTeam': False,
'ShareAutomaticallyDocToTeam': False,
'ShareAutomaticallyTemplateToTeam': False,
'authKey': 'Basic
NTZjOGJlYjUtZmVmMS00MjY5LWI1YzEtYmMzY2QzMDI3NTBiOg==',
'hideButtonChangeSigner': False,
'hideButtonDownload': False,
'hideButtonHelp': False,
'hideButtonReject': False,
'hideButtonSave': False,
'hideButtonStatus': False,
'hideButtonThumbnail': False,
'hideSigningButtonDrawingSignature': False,
'hideSigningButtonTypeSignature': False,
'hideSigningButtonUploadSignature': False,
'id': 1352
}
}
}

```

Name	Required?	Type	Description
success	Yes	Boolean	<i>Call success</i>
user	Yes	JSONObject	--
email	Yes	String	<i>Email address of the user</i>
id	Yes	Integer	<i>ID of the user</i>
phonenumber	Yes	String	--
userProduct	Yes	JSONObject	--
userSetting	Yes	JSONObject	--

Error Response:

Code: 400

or

```
{
  'message': [detailed error message],
  'success': False
}
```

3 DOCUMENT CONTROLLER

3.1 CREATE A DOCUMENT OR TEMPLATE

This API call creates a document or template inside of your Signority account. The type of document or template can be set by setting the **documentType** field. A document of type “document” can also be sent immediately by setting the **signingStatus** field to 52. See the example below and the table of data parameters that should be included.

URL:

baseUrl + /v1/documents/array

Formats:

JSON <multipart/related>

HTTP Method:

POST

URL Parameters:

None

Data Parameters:

Name	Required?	Type	Description
title	Yes	string	<i>The name of document</i>
senderName	Yes	String	<i>The sender name showed in the invitation email and on UI</i>
senderEmail	Yes	String	<i>The email address showed in the invitation email</i>

signingStatus	Yes	int	<p>52 : system will send the invitation out to the recipients.</p> <p>51 : system will not send the invitation</p> <p>SIGNING_STATUS_DRAFT = 51</p> <p>SIGNING_STATUS_IN_PROGRESS = 52</p> <p>SIGNING_STATUS_COMPLETED = 53</p> <p>SIGNING_STATUS_REJECTED = 54</p>
documentType	Yes	int	<p>DOCUMENT_TYPE_DOCUMENT = 5 (creates a Regular Document)</p> <p>DOCUMENT_TYPE_TEMPLATE_LINK = 6 (creates a Template Link)</p> <p>DOCUMENT_TYPE_REGULAR_TEMPLATE = 7 (creates a Regular Template)</p> <p>DOCUMENT_TYPE_BULK_TEMPLATE = 8 (creates a Bulk Sign Template)</p>
hsmDigitalSign Enabled	No	Boolean	<p>If set to True, the document signing will use digital signature.</p> <p>If set to False, the document signing will not use digital signature.</p>
postBackUrl	No	String	<i>Call back URL is used to receive the notification of Document & the finalized documents</i>
invitations	N	JSONArray	
	id	int	-1
	recipientName	string	Signer's name showed on UI
	recipientEmail	string	Email used to receive invitation & notification
	actionType	int	<p>INVITATION_TYPE_SIGNER = 15;</p> <p>INVITATION_TYPE_VIEWER = 16;</p> <p>INVITATION_TYPE_REVIEWER = 17;</p>

		INVITATION_TYPE_SIGNING_HOST = 18; INVITATION_TYPE_OPEN_SIGNER = 21;
status	int	RECIPIENT_STATUS_NOT_SENT = 60; RECIPIENT_STATUS_WAIT_TO_OPEN = 61; RECIPIENT_STATUS_REACH_DEADLINE = 62; RECIPIENT_STATUS_WORK_IN_PROGRESS = 63; RECIPIENT_STATUS_VIEWED = 64; RECIPIENT_STATUS_RECIPIENT_REJECTED = 65; RECIPIENT_STATUS_FINALIZED = 67; RECIPIENT_STATUS_CANCELED = 68;
sequence	int	

Example:

```
{
  "documents": [
    {
      "title": "API Test document 001",
      "senderName": "Python User 27",
      "senderEmail": "pythonuser27@mail.com",
      "signingStatus": 51,
      "documentType": 5,
      "invitations": [
        {
          "id": -1,
          "recipientName": "Python Recipient",
          "recipientEmail": "pythonrecip@mail.com",
          "actionType": 15,
          "status": 60,
          "sequence": 1
        }
      ]
    },
    {
      "id": -1,
      "recipientName": "Python Recipient 2",
    }
  ]
}
```

```

        "recipientEmail": "pythonrecip2@mail.com",
        "actionType": 15,
        "status": 60,
        "sequence": 1
      }
    ]
  }
}

```

Example Success Response:

```

{
  'documents': [
    {
      'GUID': 'afaf5ec8-183a-418a-866b-19e9cd781197',
      'createdTime': 1590588787473,
      'deleted': False,
      'documentSentTime': 1590588787473,
      'documentType': 5,
      'folderId': -5,
      'hasBouncedEmails': False,
      'id': 27437,
      'isPublished': False,
      'lastModifiedTime': 1590588787543,
      'pkiEnabled': False,
      'sharedToTeam': False,
      'signerCount': 1,
      'signingStatus': 51,
      'title': 'API Test document 001',
      'user':
        {
          'id': 1354
        },
      'version': 1
    }
  ],
  'returnedAllDocumentsOfFolder': False,
  'success': True
}

```

Error Response:

Code: 400

3.2 UPLOADING FILES

This API call uploads files into an existing Signority document that is in Draft mode or an existing Signority Template. The API call requires 2 objects: **upload_JSON** which tells Signority whether to check for PDF form fields, anchor text, or use high display resolution for the files; and **files** that contains the actual files that will be uploaded.

URL:

baseUrl + /v1/documents/{docID}/files.html

Formats:

JSON <multipart/related>

HTTP Method:

POST

URL Parameters:

None. Replace {docID} in the url with the id of the document that the files should be added to.

Data Parameters:

Name	Required?	Type	Description
addTagsOfPDF	Yes	Boolean	<i>Convert pdf tags to Signority tags</i>
addAnchorTags	Yes	Boolean	<i>Add anchor tags to the document</i>
highDisplayResolution	Yes	Boolean	--
files	Yes	JSONArray	
files	No	File	Files that should be sent to the document

Example:

```
# Takes in 2 objects

# upload_JSON contains the fields that tell Signority how to upload the files

upload_JSON = {
    "addTagsOfPDF": False,
    "addAnchorTags": False,
    "highDisplayResolution": False,
}

# Files contains the actual files that should be uploaded to the document
files = [
    ('files', open('blank.pdf', 'rb')),
    ('files', open('blank.pdf', 'rb'))
]
```

Example Success Response:

```
{
  'files': [
    {
      'id': 28402,
      'name': 'blank.pdf',
      'size': '4 Kb'
    },
    {
      'id': 28403,
      'name': 'blank.pdf',
      'size': '4 Kb'
    }
  ],
  'success': True
}
```

Name	Required?	Type	Description
id	Yes	Integer	<i>ID number of the file</i>
name	Yes	String	<i>Name of the file</i>
size	Yes	String	<i>Size of the file</i>
success	Yes	Boolean	Response success

Error Response:

Code: 400

3.3 UPDATING AND SENDING A DOCUMENT

This API call allows an existing Document in Signority that is in Draft mode (**signingStatus** = 51) to be sent out to recipients. Optionally, the document can be updated with new tags, recipients, and email notification content.

URL:

baseUrl + /v1/documents/documents/{docID}/

Formats:

JSON <multipart/related>

HTTP Method:

PUT

URL Parameters:

None. Replace {docID} in the url with the id of the document that the files should be added to.

Data Parameters:

Name	Required?	Type	Description
title	No	String	<i>The name of document</i>
signingStatus	Yes	int	<p>52 : system will send the invitation out to the recipients.</p> <p>51 : system will not send the invitation</p> <p>SIGNING_STATUS_DRAFT = 51</p> <p>SIGNING_STATUS_IN_PROGRESS = 52</p> <p>SIGNING_STATUS_COMPLETED = 53</p> <p>SIGNING_STATUS_REJECTED = 54</p> <p>(Must be changed to 52)</p>

folderID	No	Integer	Folder in which the document should be placed.
documentType	No	Integer	--
version	No	Integer	<i>Optimistic locking version retrieved</i>
Settings	No	JSONArray	
emailSubject		String	--
emailBody		String	--
invitations	No	JSONArray	See the invitations format in the section 3.1 example .
Tags	No	JSONArray	
id		Integer	<i>Id of the tag</i>
pageId		Integer	<i>Page that the tag is on</i>
name		String	<i>Name of the tag</i>
groupName		String	<i>Name of group (If applicable)</i>
isMandatory		Boolean	<i>Whether field must be filled out</i>
height		Integer	<i>Number of pixels in height</i>
invitationId		Integer	<i>Id of the user it's assigned to</i>
left		Integer	<i>Number of pixels from the left of the file</i>
top		Integer	<i>Number of pixels from the top of the file</i>
type		Integer	--
width		Integer	<i>Number of pixels in width</i>
text		String	--
image		String	--
style		JSONString	--

Example:

Simply sends out an existing document in Draft mode

```
{
  "document": {
    "signingStatus": 52
  }
}
```

Example Success Response:

```
{'document': {'DocumentRoot': '/var/signority_doc1',
  'GUID': '8ec1f45a-bdf7-4972-8716-35919d12c768',
  'PKIEnabled': False,
  'createdTime': 1590593250000,
  'documentSentTime': 'Wed May 27 11:27:32 EDT 2020',
  'documentSetting': {'EmailBody': '',
    'EmailSubject': 'Python User 27 has '
      'sent you the '
      'document API Test '
      'document 001 (11)',
    'EnableIndicatorManuallyFilledAddress':
      True,
    'ExpireDaysAfterSent': 180,
    'LastReminderDaysBeforeExpire': 3,
    'LastReminderEmailHasBeenSent': False,
    'MaxReminderEmailCount': 5,
    'NotificationExpiredDocEmailEnabled': True,

'NotificationFinalEmailWithAttachmentEmailEnabled': True,

'NotificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,

'NotificationFinalEmailWithPDFDownloadLinkToAllRecipientsEnabled': False,

'NotificationFinalEmailWithPDFDownloadLinkToSenderEnabled': False,

'NotificationNoFinalEmailToRecipientsEnabled': False,
  'NotificationNoFinalEmailToSenderEnabled':
False,
  'NotificationRecipientSignDocEmailEnabled':
True,
  'NotificationRecipientViewDocEmailEnabled':
```

```

False,
    'NotificationReminderEmailEnabled': True,
    'PKIEnabled': False,
    'ReminderEmailIntervalDays': 3,
    'TemplateLinkCaseNumberEnabled': False,
    'TemplateLinkPreAuthorizedCodeEnabled':
False,
    'TemplateNewlyDocShareToTeamEnabled':
False,
    'documentId': 27445,
    'enablePageViewEvidence': False,
    'hideButtonChangeSigner': False,
    'hideButtonDownload': False,
    'hideButtonHelp': False,
    'hideButtonReject': False,
    'hideButtonSave': False,
    'hideButtonStatus': False,
    'hideButtonThumbnail': False,
    'hideSigningButtonDrawingSignature': False,
    'hideSigningButtonTypeSignature': False,
    'hideSigningButtonUploadSignature': False,
    'id': 27317,
    'languageCode': 550,

'notificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,
    'postBackSuccess': False,
    'templateLinkClientDataDisplayEnable':
False,
    'templateLinkClientDataRequired': False},
'documentType': 5,
'files': [{ 'id': 28404,
            'name': 'blank',
            'pages': [{ 'height': 792,
                       'id': 173542,
                       'sequence': 1,
                       'tags': [],
                       'width': 612}],
            'sequence': 1,
            'type': 151},
          { 'id': 28405,
            'name': 'blank',
            'pages': [{ 'height': 792,

```



```

        'id': 173543,
        'sequence': 1,
        'tags': [],
        'width': 612}],
    'sequence': 1,
    'type': 151}],
    'histories': [{ 'action': 'Document created by',
                    'actionId': 352,
                    'dateTime': 1590593250000,
                    'documentID': 27445,
                    'email': 'pythonuser27@mail.com',
                    'id': 62431,
                    'ip': '174.119.17.176',
                    'name': 'Python User 27'},
                  { 'action': 'Document sent by',
                    'actionId': 353,
                    'dateTime': 1590593252069,
                    'documentID': 27445,
                    'email': 'pythonuser27@mail.com',
                    'id': 62432,
                    'ip': '174.119.17.176',
                    'name': 'Python User 27'}],
    'hsmDigitalSignEnabled': False,
    'id': 27445,
    'invitations': [{ 'EnableIndicatorManuallyFilledAddress': True,
                      'GUID':
'247a4b17-d871-47b5-b365-1439f84efee3',
                      'ReminderEmailCount': 0,
                      'actionType': 15,
                      'authentications': [],
                      'canSignTags': True,
                      'hostedSignerCanSignTags': True,
                      'hostedSigners': [],
                      'id': 33157,
                      'invitationEmailBounced': False,
                      'isBulkSigner': False,
                      'lastReminderSent': False,
                      'recipientEmail': 'pythonrecip@mail.com',
                      'recipientName': 'Python Recipient',
                      'sequence': 1,
                      'status': 61,
                      'witnesses': []}],

```

```

    'isOverlayForNewDocFileUpload': False,
    'isPublished': False,
    'lastModifiedTime': 1590593252042,
    'senderEmail': 'pythonuser27@mail.com',
    'senderName': 'Python User 27',
    'sharedToTeam': False,
    'signingStatus': 52,
    'templateLinkClientDataDisplayEnable': False,
    'title': 'API Test document 001 (11)',
    'userId': 1354,
    'version': 4},
  'success': True}

```

Error Response:

Code: 400

3.4 UPDATE DOCUMENT TAGS

This API call allows document tags to be added and updated to an existing Signority document. Note that [anchor text](#) and [PDF form fields](#) can also be used to automatically populate a document with tags. See the table in [3.2 Uploading Files](#) for information on the fields that need to be set to enable anchor text and PDF form fields when uploading files to Signority.

URL:

baseUrl + /v1/documents/{docID}/tags/

Formats:

JSON <multipart/related>

HTTP Method:

PUT

URL Parameters:

None. Replace {docID} in the url with the id of the document that should have its tags updated.

Data Parameters

Fields	Type	Description
id	Integer	Id of the tag
pageId	Integer	Page that the tag is on
name	String	Name of the tag
groupName	String	Name of group (If applicable)
isMandatory	Boolean	Whether field must be filled out
height	Integer	Number of pixels in height
invitationId	Integer	Id of the user it's assigned to
left	Integer	Number of pixels from the left of the file
top	Integer	Number of pixels from the top of the file
type	Integer	<p>TAG_TYPE_SIGNATURE = 250; (signature tag)</p> <p>TAG_TYPE_INITIAL = 251; (initial tag)</p> <p>TAG_TYPE_TEXT = 252; (text tag)</p> <p>TAG_TYPE_CHECKBOX = 253; (checkbox)</p> <p>TAG_TYPE_RADIO = 254; (radio buttons)</p> <p>TAG_TYPE_DATE = 255; (date tag)</p> <p>TAG_TYPE_ATTACHMENT = 256; (attachment tag)</p> <p>TAG_TYPE_DROPDOWN = 257; (dropdown tag)</p> <p>TAG_TYPE_NOTE = 258; (note tag)</p> <p>TAG_TYPE_MASKED_TEXT = 266; (masked text)</p> <p>TAG_TYPE_PREFILLABLE_TEXT = 267; (prefillable text)</p> <p>TAG_TYPE_PREFILLABLE_NUMBER = 268; (prefillable number)</p> <p>TAG_TYPE_NUMBER = 269; (number tag)</p>
width	Integer	Number of pixels in width

text	String	--
image	String	--
style	JSONString	--

Example:

```
{
  "tags": [
    {
      "pageIndex": 0,
      "invitationIndex": 0,
      "name": "U01",
      "isMandatory": True,
      "height": 35,
      "width": 107,
      "left": 200,
      "top": 200,
      "type": 250
    },
    {
      "pageIndex": 0,
      "invitationIndex": 0,
      "name": "U02",
      "isMandatory": True,
      "height": 35,
      "width": 107,
      "left": 200,
      "top": 200,
      "type": 250
    }
  ]
}
```

Example Success Response:

```
{
  'success': True,
  "tags": [
    {
      "pageIndex": 0,
```

```

        "invitationIndex": 0,
        "name": "U01",
        "isMandatory": True,
        "height": 35,
        "width": 107,
        "left": 200,
        "top": 200,
        "type": 250
    },
    {
        "pageIndex": 0,
        "invitationIndex": 0,
        "name": "U02",
        "isMandatory": True,
        "height": 35,
        "width": 107,
        "left": 200,
        "top": 200,
        "type": 250
    }
]
}

```

Error Response:

Code: 400

Or

```

{
  'message': [detailed error message],
  'success': False
}

```

3.4.1 PREFILL TAGS BEFORE SENDING OUT A DOCUMENT

To prefill a tag with data, such as a name, company, or address, when updating a document's tags, use the above API call with the extra "textValue" or "valueSelected" data parameters.

Data Parameters

Fields	Type	Description
textValue	String	Text to put into text, masked text, and number tags. Also used to specify the selected value for dropdown tags.
valueSelected	Boolean	For radio buttons or checkbox tags. TRUE = Selected. FALSE = Not Selected.

3.5 SENDING OUT A BULK SIGN

This API call sends out an existing Bulk Sign to all recipients that are listed in the call's **invitations** JSON array. Each recipient will receive a copy of the document based on the Bulk Sign Template.

URL:

baseUrl + /v1/templates/use/{docID}/

Formats:

JSON <multipart/related>

HTTP Method:

POST

URL Parameters:

None. Replace {docID} in the url with the id of the bulk template that should be sent

Data Parameters:

Name	Required?	Type	Description
callback	No	String	--
invitations	Yes	JSONArray	Array of invitee objects
recipientName		String	Name of the recipient
recipientEmail		String	Email of the recipient
user_name		String	The user's name

user_tele	String	<i>The user's phone number</i>
user_add	String	<i>The user's address</i>
user_code	String	<i>The user's code</i>

Example:

```
{
  "callback": "YOUR URL",
  "invitations": [
    {
      "recipientName": "API TEST USER01",
      "recipientEmail": "pythonuser01@mail.com",
      "user_name": "Python User 1",
      "user_tel": "1234567890",
      "user_add": "780-2300 St Laurent Street",
      "user_code": "ST20200521"
    },
    {
      "recipientName": "API TEST USER02",
      "recipientEmail": "pythonuser02@mail.com",
      "user_name": "Python User 2",
      "user_tel": "0987654321",
      "user_add": "780-2300 St Laurent Street",
      "user_code": "ST20200522"
    }
  ]
}
```

Example Success Response:

```
{
  'documents':
    {
      'DocumentRoot': '/var/signority_doc1',
      'GUID': '9b9a3eac-76da-42a4-ae18-6765111b0777',
      'PKIEnabled': False,
      'createdTime': 1590762143000,
      'documentSentTime': '2020-05-29 10:22:23.0',
      'documentSetting':
        {
          'EmailBody': '',

```

```
'EmailSubject': 'Python User 27 has sent you the document
API Test document 001 (5)',
'EnableIndicatorManuallyFilledAddress': True,
'ExpireDaysAfterSent': 180,
'LastReminderDaysBeforeExpire': 3,
'LastReminderEmailHasBeenSent': False,
'MaxReminderEmailCount': 5,
'NotificationExpiredDocEmailEnabled': True,
'NotificationFinalEmailWithAttachmentEmailEnabled': True,

'NotificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,

'NotificationFinalEmailWithPDFDownloadLinkToAllRecipientsEnabled': False,

'NotificationFinalEmailWithPDFDownloadLinkToSenderEnabled': False,
'NotificationNoFinalEmailToRecipientsEnabled': False,
'NotificationNoFinalEmailToSenderEnabled': False,
'NotificationRecipientSignDocEmailEnabled': True,
'NotificationRecipientViewDocEmailEnabled': False,
'NotificationReminderEmailEnabled': True,
'PKIEnabled': False,
'ReminderEmailIntervalDays': 3,
'TemplateLinkCaseNumberEnabled': False,
'TemplateLinkPreAuthorizedCodeEnabled': False,
'TemplateNewlyDocShareToTeamEnabled': False,
'documentId': 27788,
'enablePageViewEvidence': False,
'hideButtonChangeSigner': False,
'hideButtonDownload': False,
'hideButtonHelp': False,
'hideButtonReject': False,
'hideButtonSave': False,
'hideButtonStatus': False,
'hideButtonThumbnail': False,
'hideSigningButtonDrawingSignature': False,
'hideSigningButtonTypeSignature': False,
'hideSigningButtonUploadSignature': False,
'id': 27660,
'languageCode': 550,

'notificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,
'postBackSuccess': False,
```



```

        'templateLinkClientDataDisplayEnable': False,
        'templateLinkClientDataRequired': False
    },
    'documentType': 8,
    'files': [
        {
            'id': 28756,
            'name': 'blank',
            'pages': [
                {
                    'height': 792,
                    'id': 173895,
                    'sequence': 1,
                    'tags': [],
                    'width': 612
                }
            ],
            'sequence': 1,
            'type': 151
        }
    ],
    'histories': [
        {
            'action': 'Document created by',
            'actionId': 352,
            'dateTime': 1590762143000,
            'documentID': 27788,
            'email': 'pythonuser27@mail.com',
            'id': 62852,
            'ip': '0.0.0.0',
            'name': 'Python User 27'
        }
    ],
    'hsmDigitalSignEnabled': False,
    'id': 27788,
    'invitations': [
        {
            'EnableIndicatorManuallyFilledAddress': True,
            'GUID': 'c5f1ca62-3500-410e-9546-3006136a7154',
            'ReminderEmailCount': 0,
            'actionType': 15,
            'authentications': [],

```

```

        'canSignTags': True,
        'hostedSignerCanSignTags': True,
        'hostedSigners': [],
        'id': 33535,
        'invitationEmailBounced': False,
        'isBulkSigner': False,
        'lastReminderSent': False,
        'recipientEmail': 'pythonrecip@mail.com',
        'recipientName': 'Python Recipient',
        'sequence': 1,
        'status': 60,
        'witnesses': []
    }
],
'isPublished': False,
'lastModifiedTime': 1590762145000,
'senderEmail': 'pythonuser27@mail.com',
'senderName': 'Python User 27',
'sharedToTeam': False,
'signingStatus': 51,
'templateLinkClientDataDisplayEnable': False,
'title': 'API Test document 001 (5)',
'userId': 1354,
'version': 4
}
}

```

Error Response:

Code: not 400

or

```

{
  'message': [detailed error message]
  'success': False
}

```

3.6 RETRIEVE TEMPLATE REPORT

This API call retrieves the report for any Signority Regular Template, Template Link, and Bulk Sign. It returns a list of documents that were created via the Template, as well as all the information related to each document for detailed reporting.

URL:

baseURL + /v1/documents/{docID}/childrentags

Formats:

JSON

HTTP Method:

GET

URL Parameters:

None. Replace {docID} with the ID of the document.

Data Parameters:

N/A

Example Success Response:

```
{
  "documents": [
    {
      "GUID": "3dde0696-e53a-423f-bd0f-5b72a40dc209",
      "title": "6-page Sample Document_Matt Signority",
      "id": 1044097,
      "createdTime": "2022-06-01 09:01:14.0",
      "documentSentTime": "2022-06-01 09:01:14.0",
      "userId": 18648,
      "documentType": 5,
      "signingStatus": 53,
      "signingStatusDisplay": "Complete",
      "isPublished": false,
      "pkiEnabled": false,
      "version": 5,
      "isRetentionEnabled": false,
      "RetentionStartTimestamp": 0,
      "RetentionPeriodInDays": 0,
      "RetentionType": 0,
      "FileLockTimestamp": 1654088791000,
      "recipientName": "Matt Signority",
      "recipientEmail": "mattsignority@gmail.com",
      "tags": [
        {
```

```

    "id": 39662650,
    "pageId": 9016171,
    "invitationId": 1584439,
    "invitationGUID": "80ebf212-ec6e-4528-9a51-48b1cbefbb91",
    "type": 250,
    "isMandatory": true,
    "textValue": "",
    "imageDataValue": "",
    "name": "Sign_0",
    "top": 185,
    "left": 83,
    "width": 107,
    "height": 33,
    "groupName": "",
    "style": {
      "font-size": "12pt"
    },
    "condition": "",
    "recipientCreated": false,
    "valueSelected": false
  },
  {
    "id": 39662651,
    "pageId": 9016171,
    "invitationId": 1584439,
    "invitationGUID": "80ebf212-ec6e-4528-9a51-48b1cbefbb91",
    "type": 252,
    "isMandatory": true,
    "textValue": "Matt Signority",
    "imageDataValue": "",
    "name": "Name",
    "top": 191,
    "left": 246,
    "width": 133,
    "height": 13,
    "groupName": "",
    "style": {
      "font-size": "12pt"
    },
    "condition": "",
    "recipientCreated": false,
    "valueSelected": false
  }

```

```

    },
    {
      "id": 39662652,
      "pageId": 9016171,
      "invitationId": 1584439,
      "invitationGUID": "80ebf212-ec6e-4528-9a51-48b1cbefbb91",
      "type": 255,
      "isMandatory": true,
      "textValue": "01/06/2022",
      "imageDataValue": "",
      "name": "Date_0",
      "top": 245,
      "left": 252,
      "width": 53,
      "height": 13,
      "groupName": "",
      "style": {
        "dateFormat": "DD/MM/YYYY",
        "font-size": "12pt"
      },
      "condition": "",
      "recipientCreated": false,
      "dateTimeValue": 1654056000000,
      "valueSelected": false
    }
  ]
},
{
  "GUID": "2f84b2d1-8af3-4fbf-85ee-f7b30f2ba82c",
  "title": "6-page Sample Document_Daniel Cheung",
  "id": 1044098,
  "createdTime": "2022-06-01 09:01:19.0",
  "documentSentTime": "2022-06-01 09:01:19.0",
  "userId": 18648,
  "documentType": 5,
  "signingStatus": 53,
  "signingStatusDisplay": "Complete",
  "isPublished": false,
  "pkiEnabled": false,
  "version": 5,
  "isRetentionEnabled": false,
  "RetentionStartTimestamp": 0,

```

```

"RetentionPeriodInDays": 0,
"RetentionType": 0,
"FileLockTimestamp": 1654088611000,
"recipientName": "Daniel Cheung",
"recipientEmail": " user01@signority.com",
"tags": [
  {
    "id": 39662653,
    "pageId": 9016177,
    "invitationId": 1584440,
    "invitationGUID": "57098b8b-9dec-4f72-92bc-dd85500ebecf",
    "type": 250,
    "isMandatory": true,
    "textValue": "",
    "imageDataValue": "",
    "name": "Sign_0",
    "top": 185,
    "left": 83,
    "width": 107,
    "height": 33,
    "groupName": "",
    "style": {
      "font-size": "12pt"
    },
    "condition": "",
    "recipientCreated": false,
    "valueSelected": false
  },
  {
    "id": 39662654,
    "pageId": 9016177,
    "invitationId": 1584440,
    "invitationGUID": "57098b8b-9dec-4f72-92bc-dd85500ebecf",
    "type": 252,
    "isMandatory": true,
    "textValue": "Daniel Cheung",
    "imageDataValue": "",
    "name": "Name",
    "top": 191,
    "left": 246,
    "width": 133,
    "height": 13,

```

```

        "groupName": "",
        "style": {
            "font-size": "12pt"
        },
        "condition": "",
        "recipientCreated": false,
        "valueSelected": false
    },
    {
        "id": 39662655,
        "pageId": 9016177,
        "invitationId": 1584440,
        "invitationGUID": "57098b8b-9dec-4f72-92bc-dd85500ebecf",
        "type": 255,
        "isMandatory": true,
        "textValue": "01/06/2022",
        "imageDataValue": "",
        "name": "Date_0",
        "top": 245,
        "left": 252,
        "width": 53,
        "height": 13,
        "groupName": "",
        "style": {
            "dateFormat": "DD/MM/YYYY",
            "font-size": "12pt"
        },
        "condition": "",
        "recipientCreated": false,
        "dateTimeValue": 1654056000000,
        "valueSelected": false
    }
]
}
],
"success": true
}

```

3.7 RETRIEVE DOCUMENT

This API call retrieves document details using the document ID.

URL:

baseUrl + /v1/documents/{docID}

Formats:

JSON

HTTP Method:

GET

URL Parameters:

None. Replace {docID} with the ID of the document.

Data Parameters:

N/A

Example Success Response:

```
{
  'document':
    {
      'DocumentRoot': '/var/signority_doc1',
      'GUID': '8ec1f45a-bdf7-4972-8716-35919d12c768',
      'PKIEnabled': False,
      'createdTime': 1590593250000,
      'documentSentTime': '2020-05-27 11:27:32.0',
      'documentSetting':
        {
          'EmailBody': '',
          'EmailSubject': 'Python User 27 has sent you the document
API Test document 001',
          'EnableIndicatorManuallyFilledAddress': True,
          'ExpireDaysAfterSent': 180,
          'LastReminderDaysBeforeExpire': 3,
          'LastReminderEmailHasBeenSent': False,
          'MaxReminderEmailCount': 5,
          'NotificationExpiredDocEmailEnabled': True,
          'NotificationFinalEmailWithAttachmentEmailEnabled': True,
          'NotificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,
```



```

'NotificationFinalEmailWithPDFDownloadLinkToAllRecipientsEnabled': False,

'NotificationFinalEmailWithPDFDownloadLinkToSenderEnabled': False,
  'NotificationNoFinalEmailToRecipientsEnabled': False,
  'NotificationNoFinalEmailToSenderEnabled': False,
  'NotificationRecipientSignDocEmailEnabled': True,
  'NotificationRecipientViewDocEmailEnabled': False,
  'NotificationReminderEmailEnabled': True,
  'PKIEnabled': False,
  'ReminderEmailIntervalDays': 3,
  'TemplateLinkCaseNumberEnabled': False,
  'TemplateLinkPreAuthorizedCodeEnabled': False,
  'TemplateNewlyDocShareToTeamEnabled': False,
  'documentId': 27445,
  'enablePageViewEvidence': False,
  'hideButtonChangeSigner': False,
  'hideButtonDownload': False,
  'hideButtonHelp': False,
  'hideButtonReject': False,
  'hideButtonSave': False,
  'hideButtonStatus': False,
  'hideButtonThumbnail': False,
  'hideSigningButtonDrawingSignature': False,
  'hideSigningButtonTypeSignature': False,
  'hideSigningButtonUploadSignature': False,
  'id': 27317,
  'languageCode': 550,

'notificationFinalEmailWithAttachmentToAllRecipientsEnabled': True,
  'postBackSuccess': False,
  'templateLinkClientDataDisplayEnable': False,
  'templateLinkClientDataRequired': False
},
'documentType': 5,
'files': [
  {
    'id': 28404,
    'name': 'blank',
    'pages': [
      {
        'height': 792,

```

```

        'id': 173542,
        'sequence': 1,
        'tags': [],
        'width': 612
    }
],
'sequence': 1,
'type': 151},
{
    'id': 28405,
    'name': 'blank',
    'pages': [
        {
            'height': 792,
            'id': 173543,
            'sequence': 1,
            'tags': [],
            'width': 612
        }
    ],
    'sequence': 1,
    'type': 151
}
],
'histories': [
    {
        'action': 'Document created by',
        'actionId': 352,
        'dateTime': 1590593250000,
        'documentID': 27445,
        'email': 'pythonuser27@mail.com',
        'id': 62431,
        'ip': '174.119.17.176',
        'name': 'Python User 27'
    },
    {
        'action': 'Document sent by',
        'actionId': 353,
        'dateTime': 1590593252000,
        'documentID': 27445,
        'email': 'pythonuser27@mail.com',
        'id': 62432,

```

```

        'ip': '174.119.17.176',
        'name': 'Python User 27'
    }
],
'hsmDigitalSignEnabled': False,
'id': 27445,
'invitations': [
    {
        'EnableIndicatorManuallyFilledAddress': True,
        'GUID': '247a4b17-d871-47b5-b365-1439f84efee3',
        'ReminderEmailCount': 0,
        'actionType': 15,
        'authentications': [],
        'canSignTags': True,
        'hostedSignerCanSignTags': True,
        'hostedSigners': [],
        'id': 33157,
        'invitationEmailBounced': False,
        'isBulkSigner': False,
        'lastReminderSent': False,
        'recipientEmail': 'pythonrecip@mail.com',
        'recipientName': 'Python Recipient',
        'sequence': 1,
        'status': 61,
        'witnesses': []
    }
],
'isPublished': False,
'lastModifiedTime': 1590593252000,
'senderEmail': 'pythonuser27@mail.com',
'senderName': 'Python User 27',
'sharedToTeam': False,
'signingStatus': 52,
'templateLinkClientDataDisplayEnable': False,
'title': 'API Test document 001 (11)',
'userId': 1354,
'version': 4
},
'success': True
}

```

Error Response:

Code: not 400

or

```
{
  'message': [detailed error message]
  'success': False
}
```

3.8 LIST DOCUMENTS

This API call retrieves a list of documents that are in your Signority account. Note that when defining the **PageIndex** and **pageSize** fields, the documents are listed in order of last modified time, with the most recently modified documents appearing first.

URL:

baseUrl + /v2/documents/search2

Formats:

JSON

HTTP Method:

GET

URL Parameters:

Name	Type	Description
PageIndex	int	Index of the page of documents to be retrieved (1 = first page, 2 = second page, etc.
pageSize	int	Number of documents to be included in each page

Data Parameters:

N/A

Example Success Response:

```

{
  'documentCount': 2,
  'documents': [
    {
      'GUID': '8ec1f45a-bdf7-4972-8716-35919d12c768',
      'createdTime': 1590593250000,
      'deleted': False,
      'documentSentTime': 1590593252000,
      'documentType': 5,
      'eSigningStatus': 52,
      'firstRecipientName': 'user01@mail.com',
      'folderId': -5,
      'hasBouncedEmails': False,
      'hsmDigitalSignEnabled': False,
      'id': 27445,
      'invitationStatus': 60,
      'invitationType': 15,
      'isPublished': False,
      'lastModifiedTime': 1590593255000,
      'pkiEnabled': False,
      'sharedToTeam': False,
      'signerCount': 2,
      'signingStatus': 52,
      'templateLink': False,
      'title': 'API Test document 001 (11)',
      'user':
        {
          'companyname': 'Signority',
          'email': 'signorityapidemo@gmail.com',
          'id': 1354,
          'name': 'Demo Account',
          'usersgroupsroleId': 1198
        },
      'version': 6
    },
    {
      'GUID': 'a5d9aa5c-482c-4d2f-ada1-4db9fe0a9f22',
      'createdTime': 1590611014000,
      'deleted': False,
      'documentSentTime': 1590611014000,
      'documentType': 5,

```

```

    'eSigningStatus': 51,
    'firstRecipientName': 'pythonrecip@mail.com',
    'folderId': -5,
    'hasBouncedEmails': False,
    'hsmDigitalSignEnabled': False,
    'id': 27761,
    'invitationStatus': 60,
    'invitationType': 15,
    'isPublished': False,
    'lastModifiedTime': 1590611016000,
    'pkiEnabled': False,
    'sharedToTeam': False,
    'signerCount': 1,
    'signingStatus': 51,
    'templateLink': False,
    'title': 'API Test document 001',
    'user':
      {
        'companyname': 'Signority',
        'email': 'signorityapidemo@gmail.com',
        'id': 1354,
        'name': 'Demo Account',
        'usersgroupsroleId': 1198
      },
    'version': 4
  }
],
'success': True
}

```

Error Response:

Code: not 400

or

```

{
  'message': [detailed error message]
  'success': False
}

```

3.9 USE A TEMPLATE TO CREATE A DOCUMENT

This API call uses an existing Signority Regular Template to create a document.

URL:

baseURL + /v2/template/sign/{templateID}

Formats:

JSON

HTTP Method:

POST

Data Parameters:

Name	Required?	Type	Description
title	No	string	The name of document
senderName	No	string	The sender name shown in the invitation email and on UI
senderEmail	No	string	The email address shown in the invitation email
documentSetting.postBackUrl	No	string	Call back URL is used to receive the notification of Document & the finalized documents
hsmDigitalSignEnabled	No	Boolean	If set to True, the document created will use digital signature. If set to False, the document created will not use digital signature.
documentSetting.languageCode	No	int	English: 550, French: 551
invitations	Yes	JsonArray	
recipientName		string	Signer's name shown on UI
recipientEmail		string	Email used to receive invitation & notification
tags	Yes	JsonArray	
Id		Int	The ID of the tag
Name		String	The name of the tag
Value		String	Value to populate the tag

Example:

```

{
  "document": {
    "id": 2471,
    "version": "1.0",
    "title": "Your new document title",
    "senderEmail": "the sender email",
    "invitations": [
      {
        "recipientName": "First Signer"
        "recipientEmail": "user01@mail.com"
      },
      {
        "recipientName": "Second Signer"
        "recipientEmail": "user02@mail.com"
      }
    ],
    "tags": [
      {
        "id": 1336
        "name": "ot1-3"
        "value": "1336-ot1-3"
      }
    ],
    "documentSetting": {
      "emailSubject": "Your email subject",
      "emailBody": "your email message",
      "postBackUrl": "https://your_URL",
      "expireDaysAfterSent": 365,
      "reminderEmailIntervalDays": 1,
      "maxReminderEmailCount": 1,
      "lastReminderDaysBeforeExpire": 3,
      "languageCode": 550,
    }
  }
}

```


Example Success Response:

```
{
  document : {
  },
  success: true
}
```

Error Response:

Code: 400

OR

```
{
  success: false
}
```

3.10 UPDATE INVITATION LIST

This API call changes the signers of an existing document.

URL:

baseUrl + /v1/documents/{docID}/invitations/

Formats:

JSON

HTTP Method:

PUT

URL Parameters:

None. Replace {docID} with the ID of the document.

Data Parameters:

Name	Required?	Type	Description
sequence	No	Integer	<i>Signing order</i>
recipientName	Yes	String	<i>Name of the recipient</i>

recipientEmail	Yes	String	<i>Email of recipient</i>
actionType	Yes	Integer	<i>Permissions the user has (See actionTypes)</i>

Example:

```
{
  "invitations": [
    {
      "sequence": 1,
      "recipientName": "API TEST USER01",
      "recipientEmail": "user01@mail.com",
      "actionType": 15
    },
    {
      "sequence": 2,
      "recipientName": "API TEST USER02",
      "recipientEmail": "user02@mail.com",
      "actionType": 15
    }
  ]
}
```

Example Success Response:

```
{
  'invitations': [
    {
      'EnableIndicatorManuallyFilledAddress': True,
      'GUID': '3f51be7c-278b-40d9-a4ea-003bf6bdb161',
      'ReminderEmailCount': 0,
      'actionType': 15,
      'authentications': [],
      'canSignTags': True,
      'hostedSignerCanSignTags': True,
      'hostedSigners': [],
      'id': 33536,
      'invitationEmailBounced': False,
      'isBulkSigner': False,
      'lastReminderSent': False,
      'recipientEmail': 'user01@mail.com',
      'recipientName': 'API TEST USER01',

```

```

    'sequence': 1,
    'status': 60,
    'witnesses': []
  },
  {
    'EnableIndicatorManuallyFilledAddress': True,
    'GUID': '764c9e38-0e15-4e62-907e-d93d206dfece',
    'ReminderEmailCount': 0,
    'actionType': 15,
    'authentications': [],
    'canSignTags': True,
    'hostedSignerCanSignTags': True,
    'hostedSigners': [],
    'id': 33537,
    'invitationEmailBounced': False,
    'isBulkSigner': False,
    'lastReminderSent': False,
    'recipientEmail': 'user02@mail.com',
    'recipientName': 'API TEST USER02',
    'sequence': 2,
    'status': 60,
    'witnesses': []
  }
],
'success': True
}

```

Error Response:

Code: not 400

or

```

{
  'message': [detailed error message]
  'success': False
}

```

3.11 GET A LIST OF INVITEES

This API call retrieves a list of all of the invitees of an existing Signority document by using the document ID.

URL:

baseUrl + /v1/documents/{docID}/invitations/

Formats:

JSON

HTTP Method:

GET

URL Parameters:

None. Replace {docID} with the document ID.

Data Parameters:

N/A

Example Success Response:

```
{
  'invitation': [
    {
      'EnableIndicatorManuallyFilledAddress': True,
      'GUID': '3f51be7c-278b-40d9-a4ea-003bf6bdb161',
      'ReminderEmailCount': 0,
      'actionType': 15,
      'authentications': [],
      'canSignTags': True,
      'hostedSignerCanSignTags': True,
      'hostedSigners': [],
      'id': 33536,
      'invitationEmailBounced': False,
      'isBulkSigner': False,
      'lastReminderSent': False,
      'recipientEmail': 'user01@mail.com',
      'recipientName': 'API TEST USER01',
      'sequence': 1,
      'status': 60,
      'witnesses': []
    },
    {
      'EnableIndicatorManuallyFilledAddress': True,
      'GUID': '764c9e38-0e15-4e62-907e-d93d206dfece',
```

```

    'ReminderEmailCount': 0,
    'actionType': 15,
    'authentications': [],
    'canSignTags': True,
    'hostedSignerCanSignTags': True,
    'hostedSigners': [],
    'id': 33537,
    'invitationEmailBounced': False,
    'isBulkSigner': False,
    'lastReminderSent': False,
    'recipientEmail': 'user02@mail.com',
    'recipientName': 'API TEST USER02',
    'sequence': 2,
    'status': 60,
    'witnesses': []
  }
],
'success': True
}

```

Error Response:

Code: not 400

or

```

{
  'message': [detailed error message]
  'success': False
}

```

3.12 GET A LIST OF FILES

This API call returns the files of an existing Signority document.

URL:

baseUrl + /v1/documents/{docID}/files/

Formats:

JSON

HTTP Method:

GET

URL Parameters:

None. Replace {docID} with the document ID.

Data Parameters:

N/A

Example Success Response:

```
{
  'files': [
    {
      'id': 28721,
      'name': 'blank',
      'sequence': 1,
      'type': 151
    },
    {
      'id': 28722,
      'name': 'blank',
      'sequence': 1,
      'type': 151
    }
  ],
  'success': True
}
```

Error Response:

Code: not 400

or

```
{
  'message': [detailed error message]
  'success': False
}
```

3.13 DELETE A FILE

This API call deletes a file of an existing Signority document.

URL:

baseUrl + /v1/documents/{docID}/files/{fileID}

Formats:

JSON

HTTP Method:

DELETE

URL Parameters:

None. Replace {docID} with the document ID and {fileID} with the ID of the file that should be removed from the document.

Data Parameters:

N/A

Example Success Response:

```
{
  'success': True
}
```

Name	Required?	Type	Description
success	Yes	Boolean	<i>Response success</i>

Error Response:

Code: not 400

or

```
{
  'message': [detailed error message]
  'success': False
}
```

4 USER SETTINGS

4.1 ACCOUNT

This API call will modify the user's "Account" settings, which can also be found by logging into the user's account and going to "My Account" → "Account" (see below):

For more information on these settings, [visit the tutorial here](#).

URL:

baseUrl + /v1/user/userSettings

Formats:

JSON

HTTP Method:

PUT

Data Parameters:

Name	Required?	Type	Description
hideButtonChangeSigner	No	boolean	Hide the Change Signer button
hideButtonReject	No	boolean	Hide the Reject button

hideButtonSave	No	boolean	<i>Hide the Save button</i>
hideButtonDownload	No	boolean	<i>Hide the Download button</i>
hideButtonStatus	No	boolean	<i>Hide the Status button</i>
hideButtonThumbnail	No	boolean	<i>Hide the Thumbnail</i>
hideButtonHelp	No	boolean	<i>Hide the Help button</i>
hideSigningButtonDrawingSignature	No	boolean	<i>Hide the Draw Signature option</i>
hideSigningButtonTypeSignature	No	boolean	<i>Hide the Type Signature option</i>
hideSigningButtonUploadSignature	No	boolean	<i>Hide the Upload Signature option</i>
hideViewDocumentButton	No	boolean	<i>Hide the View Document button</i>
NotificationCC	No	string	<i>Email address(es) that should receive a copy of all invoice notifications</i>

Example:

```
{
  "userSettings": {
    "hideButtonChangeSigner": true,
    "hideButtonReject": false,
    "hideButtonSave": false,
    "hideButtonDownload": false,
    "hideButtonStatus": false,
    "hideButtonThumbnail": false,
    "hideButtonHelp": false,
    "hideSigningButtonDrawingSignature": false,
    "hideSigningButtonTypeSignature": false,
    "hideSigningButtonUploadSignature": false,
    "hideViewDocumentButton": false,
    "NotificationCC": ""
  }
}
```

}

Example Success Response:

```
{
  'success': True
}
```

4.2 NOTIFICATIONS

This API call allows you to modify a user's Notifications setting, which can also be found by logging into the user account and going to "My Account" → Notifications (see below).

Profile	Account	Password	Security Settings	<u>Notifications</u>	Integration
<p>Enable help instruction <input checked="" type="checkbox"/> Enable help instruction across the whole website.</p> <p>Send reminder emails <input checked="" type="checkbox"/> Enable reminder emails to the recipients if a document remains unsigned.</p> <ul style="list-style-type: none"> Send a reminder email every <input type="text" value="4"/> day(s). Maximum amount of reminder emails to be sent is <input type="text" value="2"/> The document will expire <input type="text" value="180"/> day(s) after it has been sent. <p>Send "viewed" notification to document sender <input type="checkbox"/> Send the document sender a notification when a viewer has viewed a document.</p> <p>Send "signed" notification to document sender <input type="checkbox"/> Send the document sender a notification when a signer has signed a document.</p> <p>Send an email to the document sender when the document is completed:</p> <p><input type="radio"/> Attach a PDF of the final document.</p> <p><input checked="" type="radio"/> Provide a link to the final document.</p> <p><input type="radio"/> Send an email only.</p> <p><input type="radio"/> Do not send any email.</p>					

For more information on these settings, [visit the tutorial here](#).

URL:

baseUrl + /v1/user/userSettings

Formats:

JSON

HTTP Method:

PUT

Data Parameters:

Name	Required?	Type	Description
enableHelp	No	boolean	
enableReminder	No	boolean	Enable automatic reminder schedule. True = enable. False = disable
maxEmailCount	No	integer	Maximum number of reminder emails to be sent
reminderEmailIntervalDays	No	integer	Time in days between reminder emails
expireDoc	No	integer	Number of days before the document expires
expireWarn	No	integer	Number of days before the document expiry date that sender is warned of expiry
viewNotification	No	boolean	Send notification to the sender when the document is viewed by a recipient. True = send notification. False = don't send notification
sendSigning	No	boolean	Send notification to the sender when the document is signed by a signer. True = send notification. False = don't send notification
finalEmail	No	boolean	
expireSend	No	boolean	Send a notification to the document sender right after the document expires. True = send notification. False = don't send notification

<code>finalEmailRecipients</code>	No	boolean	
<code>combineFinalEmailAttachments</code>	No	boolean	<i>Whether to combine the finalized document into one PDF file in the email attachment. True = combine. False = don't combine.</i>
<code>attachDocCertificate</code>	No	boolean	<i>Whether to attach the audit trail in the finalized email notification. True = attach. False = don't attach.</i>
<code>finalEmailPDFDownloadLinkRecipients</code>	No	boolean	
<code>finalEmailPDFDownloadLinkSender</code>	No	boolean	
<code>NotificationNoFinalEmailToSenderEnabled</code>	No	boolean	
<code>NotificationNoFinalEmailToRecipientsEnabled</code>	No	boolean	

Example:

```
{
  "userSettings": {
    "enableHelp": false,
    "enableReminder": true,
    "maxEmailCount": "2",
    "reminderEmailIntervalDays": "4",
    "expireDoc": "180",
    "expireWarn": "3",
    "viewNotification": false,
    "sendSigning": false,
    "finalEmail": false,
    "expireSend": true,
    "finalEmailRecipients": false,
    "combineFinalEmailAttachments": true,
    "attachDocCertificate": false,
    "finalEmailPDFDownloadLinkRecipients": true,
```

```
"finalEmailPDFDownloadLinkSender": true,  
"NotificationNoFinalEmailToSenderEnabled": false,  
"NotificationNoFinalEmailToRecipientsEnabled": false  
}  
}
```

Example Success Response:

```
{  
  'success': True  
}
```

5 ONE-TIME ACCESS TOKENS

5.1 ISSUE A ONE-TIME ACCESS TOKEN FOR A DOCUMENT OR TEMPLATE

This API call allows you to issue a one-time access token for a document or template that you own. This one-time access token can then be used to open that document in your browser once before expiring.

URL:

baseUrl + /v2/user/OneTimeToken/issue

Formats:

JSON

HTTP Method:

POST

Data Parameters:

Name	Required?	Type	Description
scope	Yes	integer	5 = Document 6 = Template
id	Yes	integer	The ID for your Document or your Template
ttl	Yes	integer	Time to live in seconds. Determines how long the one-time access token will remain valid.

Example:

```
{
  "scope": "5",
  "id": "732713",
  "ttl": "60"
}
```

Example Success Response:

```
{
  'success': "true",
  'token':
  "e5c3e709-eb54-4991-9f1f-aaa4ad3e268-5-732713-60-e3901cc0fdb37be15f"
}
```

5.2 USING A ONE-TIME ACCESS TOKEN

Once you have successfully retrieved a one-time access token, you can use it to open the Document or Template in your browser with this API call. Note that if an incorrect token is used 3 times consecutively, you will be locked out of your account for 30 minutes.

URL:

baseUrl + /v2/user/OneTimeToken/consume

Formats:

JSON

HTTP Method:

GET

URL Parameters:

Name	Required?	Type	Description
token	Yes	string	<i>One-time access token</i>

Data Parameters:

N/A

Example Success Response:

```
{
  'success': True
}
```

Got questions?

Email us at

support@signority.com or give

us a call at 1-833-222-1088.