

Public API - Uploading and Attaching Documents

The public API supports attaching a document to projects and orders. The example below outlines the steps for adding a document to a project using Postman.

Generate an S3 URL and File Path

You first need to generate an S3 URL which will provide a `url` for adding the document to S3 and a `path` which will be used to attach the document to a project.

Request

Make a `POST` request to `/upload-urls/project-document` with the following `body` :

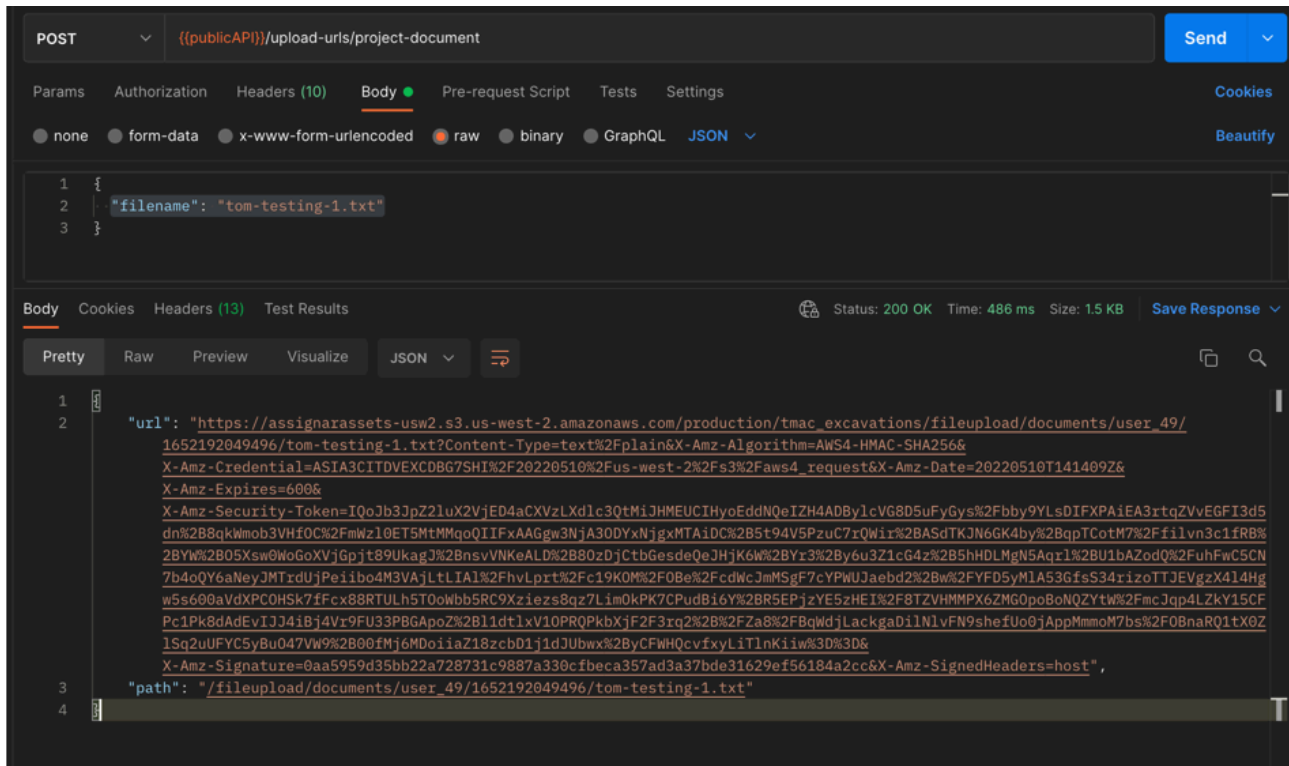
```
1 {
2   "filename": "your-file-name.txt"
3 }
```

Response

The response contains a `url` which will be used to `put` a document into an S3 bucket and a `path` which is used when referencing a document on a project or order document request.

```
1 {
2   "url": "https://assignarassets-usw2.s3.us-west-
3   2.amazonaws.com/production/tmac_excavations/fileupload/documents/user_49/1652192049496/tom-
4   testing-1.txt?Content-Type=text%2Fplain&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-
5   Credential=ASIA3CITDVEXCDBG7SHI%2F20220510%2Fus-west-2%2Fs3%2Faws4_request&X-Amz-
6   Date=20220510T141409Z&X-Amz-Expires=600&X-Amz-Security-
7   Token=IQoJb3JpZ2luX2VjED4aCXVzLXd1c3QtMiJHMEUCIHyoEddNqeIZH4ADBylcV68D5uFy6ys%2Fbby9YLsDIFXPA
8   iEA3rtqZVvEGFI3d5dn%2B8qkWmob3VHf0C%2FmWz10ET5MtMMqoQIIFxAAGgw3NjA30DYxNjgxMTAiDC%2B5t94V5Pzu
9   C7rQWir%2BASdTKJN6GK4by%2BqpTCotM7%2Ffilvn3c1fRB%2BYW%2B05Xsw0WoGoXVjGpjt89UkagJ%2BnsvVNKeALD
10  %2B80zDjCtbGesdeQeJHjK6W%2BYr3%2By6u3Z1c64z%2B5hHDLmGn5Aqr1%2BU1bAZodQ%2FuhFwC5CN7b4oQY6aNeyJ
11  MTrdUjPeiibo4M3VAjLtLIA1%2FhvLprt%2Fc19KOM%2F0Be%2FcdWcJmMSgF7cYPWUJaebd2%2Bw%2FYFD5yM1A536fs
12  S34rizoTTJEVgzX414Hgw5s600aVdXPC0Hsk7fFcX88RTULh5T0oWbb5RC9Xziezs8qz7Lim0kPK7CPudBi6Y%2BR5EPj
13  zYE5zHEI%2F8TZVHMMPX6ZMG0poBoNQZYtW%2FmcJqp4LZkY15CFpc1Pk8dAdEvIJJ4iBj4Vr9FU33PBGAp0Z%2B11dt1
14  xv10PRQPkXjF2F3rq2%2B%2FZa8%2FBqWdjLackgaDi1N1vFN9shEfU00jAppMmmoM7bs%2F0BnaRQ1tX0Z1Sq2uUFY0
15  5yBu047VW9%2B00fMj6MDoiiaZ18zcbD1j1dJUbwX%2ByCFWHQcvfxyLiTlnKiiw%3D%3D&X-Amz-
16  Signature=0aa5959d35bb22a728731c9887a330cfbeca357ad3a37bde31629ef56184a2cc&X-Amz-
17  SignedHeaders=host",
18   "path": "/fileupload/documents/user_49/1652192049496/tom-testing-1.txt"
19 }
```

Example



The screenshot shows a REST client interface. At the top, a POST request is defined with the URL `{{(publicAPI)}/upload-urls/project-document`. The request body is a JSON object: `{ "filename": "tom-testing-1.txt" }`. The response status is 200 OK, with a time of 486 ms and a size of 1.5 KB. The response body is a JSON object: `{ "url": "https://assignarassets-usw2.s3.us-west-2.amazonaws.com/production/tmac_excavations/fileupload/documents/user_49/1652192049496/tom-testing-1.txt?Content-Type=text%2Fplain&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ASIA3CITDVEXCDBG7SHI%2F20220510%2Fus-west-2%2Fs3%2Faws4_request&X-Amz-Date=20220510T141409Z&X-Amz-Expires=600&X-Amz-Security-Token=IQoJb3JpZ2luX2VjED4aCXVzLXd1c30tMiJHMEUCIHYoEddN0eIZH4ADBylcVG8D5uFyGys%2Fbby9YLsDIFXPAiEA3rtqZVvEGFI3d5dn%2B8qkWmob3VHfOC%2FmWz10ET5MtMMqoQIIFxAGGw3NjA30DYxNjgXMTA1DC%2B5t94V5PzuC7rQWIr%2BASdTKJN6GK4by%2BqPTCotM7%2Ffilvn3c1fRB%2BYW%2B05Xsw0WoGoXVjGpjt89UkagJ%2BnsvVNKeALD%2B80zDjCtbGesdeQeJHjK6W%2BYr%3%2BY6u3Z1cG4z%2B5HDLmgN5Aqr%2BU1bAZod%2FuhFwC5CN7b4oQY6aNeyJMTrdUjPeiibo4M3VAjLtlIA1%2FhVlprt%2Fc19KOM%2F0Be%2FcDwcJmMSGf7cYPWUJaebd2%2Bw%2FYFD5yM1A53GfsS34rizoTTJEvGzX414HgW5s600AvdXPC0Hsk7fFc88RTULh5TOwbb5RC9Xziezs8qz7LIm0kPK7CPudBi6Y%2BR5EPjzYE5zHEI%2F8TZVHMMPX6ZMG0poBoNQZYtW%2FmcJqp4LZky15CFPc1Pk8dAdEvIJJ4iBj4Vr9FU33PBGAppoZ%2B11dtlxV10PRQPkbXjF2F3rq2%2B%2FZa8%2FBgWdjLackgaDi1N1vFN9shefUo0jAppMmmoM7bs%2F0BnaRQ1tX0Z1Sq2uUFC5yBu047Vw9%2B00fMj6MDoiaZ18zcbD1j1dJubwX%2ByCFWHQcvfxyLiTlnKiiw%3D%3D&X-Amz-Signature=0aa5959d35bb22a728731c9887a330cfbeca357ad3a37bde31629ef56184a2cc&X-Amz-SignedHeaders=host", "path": "/fileupload/documents/user_49/1652192049496/tom-testing-1.txt" }`

↑ Upload a Document to S3

Once an S3 `url` has been generated, it can be used to store a document.

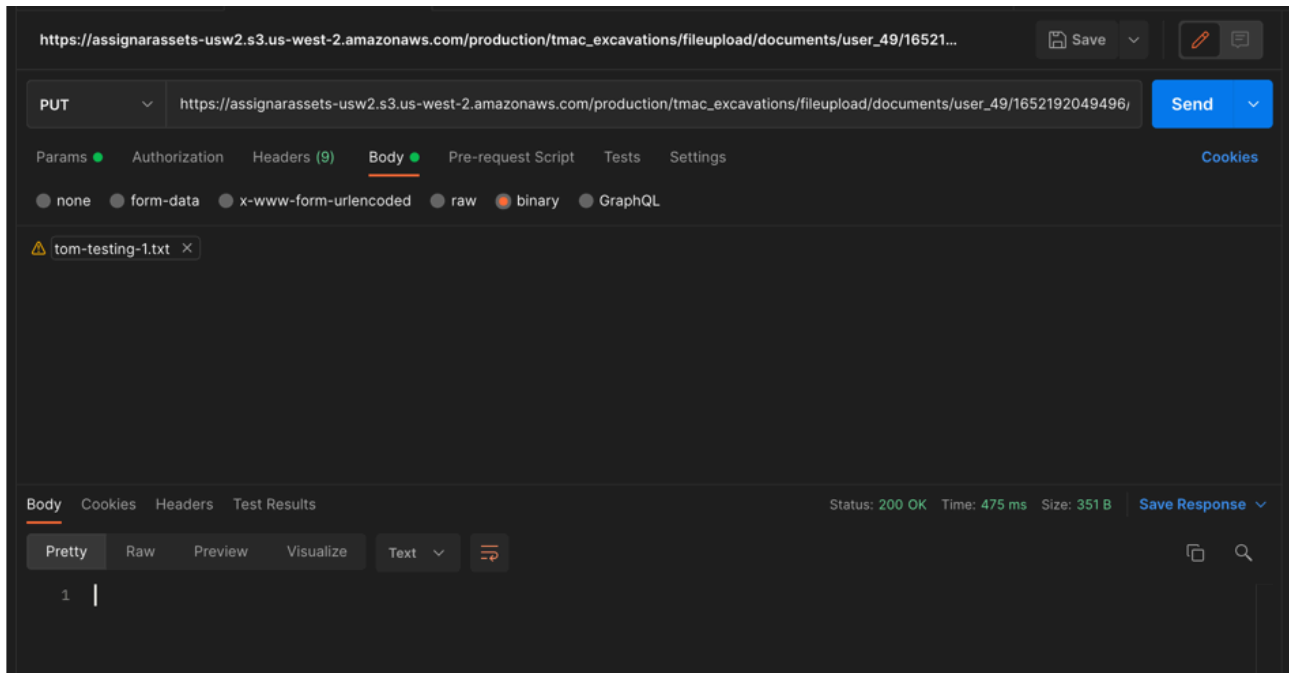
Request

Using the `url` from the previous step, make a `PUT` request, selecting `binary` for the body and selecting the document for upload.

Response

A successful response will have an http status of `200` and there will be nothing in the body.

Example



Attach the document to a Project

Now that a document has been added to S3, it can be attached to a project.

Request

Make a `POST` request to `/projects/:projectId/documents` using the `path` from the first step in the `attachment` field. The remaining properties on the request will depend on the business requirements of the document.

```
1  {
2    "document_id": 14,
3    "label": "Tom Testing Upload",
4    "comments": "This is a comment",
5    "external_id": "ext-doc-1",
6    "active": true,
7    "disabled": false,
8    "attachment": "/fileupload/documents/user_49/1652192049496/tom-testing-1.txt",
9    "expiry_date": "2023-07-20",
10   "expiry_date_alert": "2023-07-20",
11   "expiry_number": 0,
12   "expiry_number_alert": 0
13 }
```

Example

The image shows a REST client interface with a POST request to the endpoint `{{(publicAPI)}}/projects/projectId/documents`. The request body is a JSON object with the following fields:

```
1 {
2   "document_id": 14,
3   "label": "Tom Testing Upload",
4   "comments": "This is a comment",
5   "external_id": "ext-doc-1",
6   "active": true,
7   "disabled": false,
8   "attachment": "/fileupload/documents/user_49/1652192049496/tom-testing-1.txt",
9   "expiry_date": "2023-07-20",
10  "expiry_date_alert": "2023-07-20",
11  "expiry_number": 0,
12  "expiry_number_alert": 0
13 }
```

The response status is 200 OK, with a time of 397 ms and a size of 849 B. The response body is a JSON object with the following fields:

```
1 {
2   "status": 201,
3   "data": {
4     "created_time": {
5       "val": "CURRENT_TIMESTAMP"
6     },
7     "id": 2,
8     "document_id": 14,
9     "label": "Tom Testing Upload",
10    "comments": "This is a comment",
11    "external_id": "ext-doc-1",
12    "active": true,
13    "disabled": false,
14    "attachment": "/fileupload/documents/user_49/1652192049496/tom-testing-1.txt",
15    "expiry_date": "2023-07-20",
16    "expiry_date_alert": "2023-07-20",
17    "expiry_number": 0,
18    "expiry_number_alert": 0,
19    "modified_time": "2022-05-10T14:26:49.801Z",
20    "project_id": "2"
21  }
22 }
```

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Projects Documents

Edit Project Documents - 14th Street Repaving

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filter results

Showing 1/1 results

+ Add new Project Document Export to CSV

- Disabled
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- Expired

Label	Document name	Expiry Date	Other Expiry	Attachment	Comment	Public	Active	
Tom Testing Upload	Manual	Thu, 07/20/2023			This is a comment	No	Yes	

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