Document Name	API Specification - Document Upload v3.0.0
Developer Portal Link	
Learn more about other Trade Finance APIs	Click to view

No.	API Name	Description	Page	Remark
0a	General API Structure	HTTP Request Headers, Parameters, Body and Response Body Structure	Click to view	
0b	Authentication/ Authorization Token Structure	JWT Token Structure	Click to view	
0c	Errors and troubleshooting	Response code definition and troubleshooting	Click to view	
0d	Submit Supporting Documents	Enables an applicant to directly submit one or many supporting documents.	1	
0e	Request Supporting Document status	Request a status update on one or many supporting documents.	2	

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Operation Name	Upload Document API	Description	Upload document to HSBC Bank
Service Interface (Global)	/v3/supporting-files	Pre-requisite	1. API Connection Profile has been created.
Service Interface (CN)	/v3/filemgr/supporting-files		
HTTP Method	POST	Post condition	1.A docUploadRequestId shall be generated and responded immediately for subsequent enquiries
Authorization ID	Customer's Profile ID. This value is provided in the JSON Web Token (jwt.claims.sub).		

Message Type		Unencrypted Request							
Seg lvl	Field Name	Description	Length	Datatype	Required (Y/N/C)	Permitted Values	Sample Value	Remarks	
1	attachDocument	Document the client want to upload to HSBC. Multipart/form-data: Multipart/form-data allows you to submit binary data and multiple data types in a single request. For example, you can use these requests for file uploads and transferring a file with a JSON object.		multipartfile	Y	File	docDocument.doc	Max value = 10 Support document type: bmp, doc, docx, gif, htm, html, jpeg, jpg, msg, odp, ods, odt, oxps, pdf, png, ppt, pptx, rtf, tif, tiff, txt, vsd, xls, xlsx, xps, zip For EMarketFinance productType (EMF-ONBD, EMF-MNTR) only supports csv format. For OpenAccount productType, only support tif, pdf, jpeg, jpg, png.	

Message Type		Decrypted Response body						
Seg lvl	Field Name	Description	Length	Datatype	Required (Y/N/C)	Permitted Values	Sample Value	Remarks
1	data	Top level data object	N/A	Object	Y			
1.1	docUploadRequestId	Request id for document upload, generated by HSBC API, client will use this request id to get the status of the document. uuid	255					
1.2	accountNumber	Account number for the client, such as trade account for loan product, client identifier account for RF product, merchantId for	255					
1.3	productType	Add different type to client to mark target upload file usage. Core Trade uses TradeLoan, DocumentaryCredit, Bill, GuaranteeStandbyDc, SupplyChainFinance. Receivable Finance uses ReceivableFinance. eMarketFinance uses EMarketFinanceOnboard, EMarketFinanceMonitor. EMarketFinanceOnboard is used for onboard data. EMarketFinanceMonitor is used for monitor data.	255					
1.4		Replay of unencrypted request body						

JSON Schema Example (Unencrypted)

{
"code": "EMKT200",
"message": "Success",
"repliedTime": "2025-10-30 06:58:06",
"correlationId": null,
"responseData": {
"data": {
"docUploadRequestId": "c8365f9a08f149488e269b6ed91d3948",
"accountNumber": "HKHSBC502689300120",
"productType": "DocumentaryCredit"
}
},
"errorDetails": null
}

Operation Name	Document Details API	Description	Get uploaded document status through HSBC.
Service Interface (Global)	/v3/supporting-files	Pre-requisite	1. API Connection Profile has been created.
Service Interface (CN)	/v3/filemgr/supporting-files		
HTTP Method	GET	Post condition	1. Document detail and corresponding status is responded.
Authorization ID	Customer's Profile ID. This value is provided in the JSON Web Token (jwt.claims.sub).		

Message Type		Query Parameters							
Seg lvl	Field Name	Description	Length	Datatype	Required (Y/N/C)	Permitted Values		Sample Value	Remarks
1	docUploadRequestId	Request id for document upload, generated by HSBC API, client will use this request id to get the status of the document. uuid	255	String	C				One of the fileUploadRequestId and docId must be inputted
2	docId	Document id, returned by File Net. Doc id for the file upload to	255	Array	C				

Request Query Example

GET {{env-url}}/v3/supporting-files?docUploadRequestId=3918b41f32144c8389ebcf304c35a077

Message Type		Decrypted Response						
	Field Name	Description	Length	Datatype	Required (Y/N/C)	Pattern	Sample Value(s)	Remark
1	data		N/A	JSON	Y			
1.1	docUploadRequestId	Request id for document upload, generated by HSBC API, client will use this request id to get the status of the document	255	Object	Y			
1.2	docDetails			String				
1.2.1	formType	Request form type. Has option P (portal documents). It means data upload by portal. Returned by HTS downstream API when upload document to FileNet. Has options EMarketFinanceOnboard or EMarketFinanceMonitor when upload document to DB of	255	String	N			P EMarketFinanceOnboard EMarketFinanceMonitor DistributorFinanceProgram
1.2.2	id	Document id, returned by HSBC FileNet. Doc id for the file upload to HSBC	255	String	N			
1.2.3	name	Document Name the document uploaded by the client	255	String	N			
1.2.4	numPages	Number of the document page	255	Object	N			
1.2.5	imageFormat	Document format for the uploaded document	255	String	N			
1.2.6	imageBytes	Document size within Bytes	255	Object	N			
1.2.7	hash	Hash value for the uploaded document security check, returned by HTS downstream API.	255	String	N			
1.2.8	docStatus	DC status		Object				
1.2.8.1	value	Document upload status when upload the documents to HSBC FileNet API. Status include Pending, Scanning, ScanFailed, Parsing, Failed, Uploaded/Success. For the uploaded document with Virus Scan failed, cannot search out.	10	String	Y		Uploaded	Pending Scanning ScanFailed Parsing Failed Uploaded/Success
1.2.9	failedReason		255	JSON	N			
1.2.9.1	failedCode	Failed code. It will show when document upload failed.	255	String	N		E001	"E000:Capture a Non-MKT error!";
1.2.9.2	failedMessage	Message to describe the reason why the uploaded document upload failed. It will show when document upload failed.	255	String	N		Virus Scan failed	"E001:Virus Scan failed."; "E002:Virus Scan timeout.";

Request Query Example

```
{
"code": "EMKT200",
"message": "Success",
"repliedTime": "2025-10-24 10:20:27",
"correlationId": null,
"responseData": {
"data": {
"docUploadRequestId": "3918b41f32144c8389ebcf304c35a077",
"docDetails": [
{
"formType": "P",
"id": "idd_907B159A-0000-C31E-8B7E-4BBE02341C50",
"name": "HSBC-png.PNG",
"numPages": 1,
"imageFormat": "PNG",
"imageBytes": "9331",
"hash": "5BB2C69715AE0D133A16A6DCEB4B963B",
"docStatus": {
"value": "Uploaded"
},
"failedReason": {}
},
{
"formType": "P",
"id": "idd_807B159A-0000-C22F-B85B-458A257E8DC5",
"name": "ABC.pdf",
"numPages": 367,
"imageFormat": "PDF",
```