

Version History:

- 1.01 [The PhilHealth Cloud Storage API URL changed.](#)
- 1.02 [Added more details about the eCCSA](#)
- 1.03 [Added Other API Results as Error Codes](#)

PhilHealth Cloud Storage API Specification	
<p>The PhilHealth e-Claims Cloud Storage API (eCCSA) is the API to be used in uploading files to the cloud storage service to be provided by PhilHealth.</p>	
API Info	Remarks/Description
Web Service Type	ReST Web Service
HTTP Method	POST
URL for the test environment	To be provided upon submission of requirements for PhilHealth Cloud Storage Service
URL for the production environment	To be provided later by PhilHealth once your eClaims System is already compliant with the technical specs

API Input Parameters	
<p>To upload a file, an HTTP client can post a file by submitting multi-part form to the API. The multi-part form data fields to be passed are shown in the table below.</p>	
Parameters/ Multi-part Form Data Fields	Description
uploadFile	The path of the encrypted e-claim attachment file
name	The user name assigned to the HCI as user of the PhilHealth Cloud Storage
password	The password associated to the user identified by the name field
description	Remark or description about the file or the upload to be done

Sample API Results		
Status Code	Result	Description
200 (Ok)	http://ocid/ebb45e85-4cf8-3d47-93b2-eb9747fe1db9/DL	The files is <i>decryptable</i> and if the file is an encrypted CF4 XML, the file has no CF4 validation error
	Result code: "ECAV_1_1" Result message: "Cannot be decrypted. (Error Code:ECAV_1; Error Message:Invalid encrypted file format.)"	Invalid encrypted file

	Result code: "ECAV_1_2" Result message: "CF4 Validation Result: {"Success":false,"Message": "XML have errors","XMLErrors":{"Errors":["pDiastolic, 83, is not valid"]}}"	The passed encrypted CF4 XML file is <i>decryptable</i> but it contains CF4 validation errors.
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Other API Results as Error Codes		
Status Code	Result	Description
401	G01_1_4_00000	Cloud Access Denied
406 (Not accessible)	G01_1_4_00000	Cloud Access Denied
	G01_1_4_00001	Cloud container already registered
	G01_1_4_00002	Cloud container not registered
	G01_1_4_00003	Cloud container is not empty
	G01_1_4_00004	Cloud container cannot be deleted
	G01_1_4_20001	Upload directory is invalid
	G01_1_4_20002	Upload directory cannot be created
	G01_1_4_00006	Invalid document
	G01_1_4_00007	Cannot remove temporary document
	G01_1_4_00008	Cannot upload document
	G01_1_4_00009	Users are still assigned to this group
	G01_1_4_00010	Documents are still registered to this group
	G01_1_4_00011	Documents are still registered to this user (as creator)
	G01_1_4_00012	Documents are still registered to this user (as editor)
	G01_1_4_10000	PHIC Administrators Only
	G01_1_4_10004	Download directory is invalid
	G01_1_4_10005	Download directory cannot be created
	G01_1_4_10006	Document already downloaded
	G01_1_4_10007	Document already uploaded

Sample API Call using cURL
<p>The eCCSA can be called using different programming languages and tools. The format below can be used to call eCCSA using cURL:</p> <pre> curl -v \ -F "uploadFile=@{path-of-the-file-to-be-uploaded}" \ -F "name={user-name}" \ -F "password={user-password}" \ -F "description={any-remarks-or-description}" \ {URL-of-the-PhilHealth-cloud-storage-API} </pre>

The below is a sample cURL command for calling the PCSA using dummy parameter values:

```
curl -v \  
-F "uploadFile=@/acme/eclaims/docs/20200115/csf.pdf.enc" \  
-F "name=hciuser1" \  
-F "password=P@$$w0rd" \  
-F "description=CF4 XML" \  
https://ecstest.philhealth.gov.ph:7220/eden
```

Important Note:

To reduce the cost during testing we are currently limiting the size of uploaded files. Once end to end testing has been completed to confirm feasibility of the provided apps and APIs, the maximum size would be 2MB initially, unless later on changed.