

Issue : Swagger Compliance Assertion fail

ReadyAPI : 3.41.1

Context :

We have imported a Swagger 2.0 Json file in ReadyAPI.

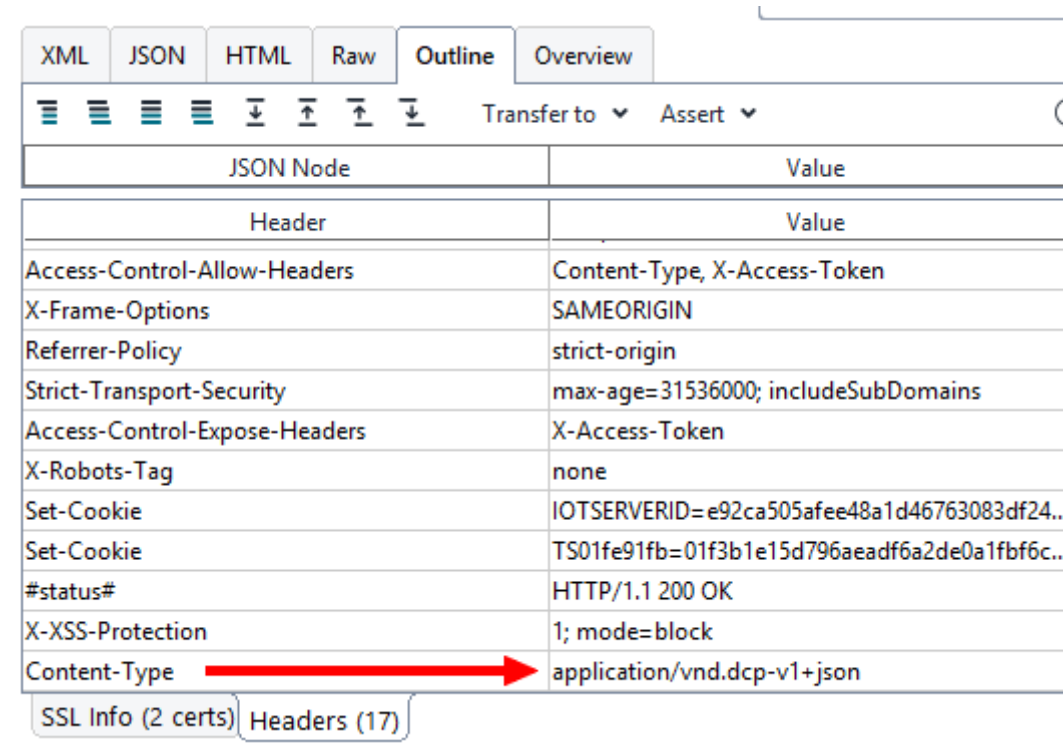
In the Swagger Json file, the “/login” verb consume and produce “**application/vnd.dcp-v1+json**”.

```
16 ],
17 "paths" : {
18   "/login" : {
19     "post" : {
20       "tags" : [
21         "Login"
22       ],
23       "summary" : "Sign in to the API.",
24       "description" : "Sign in and authenticate the user.",
25       "operationId" : "formLoginV1",
26       "consumes" : [
27         "application/vnd.dcp-v1+json"
28       ],
29       "produces" : [
30         "application/vnd.dcp-v1+json"
31       ],
32       "parameters" : [
33         {
34           "in" : "body",
35           "name" : "body",
36           "description" : "User credentials",
37           "required" : true,
38           "schema" : {
39             "$ref" : "#/definitions/Credentials"
40           }
41         }
42       ],
43       "responses" : {
44         "200" : {
```

TestCase 1 : Nominal test case with « /login » resource.

On this nominal test case, we use “/login” with right parameters, response body is “good” (token provided).

Returned Content-type is “**application/vnd.dcp-v1+json**” as expected -> **OK**.



JSON Node	Value
Header	Value
Access-Control-Allow-Headers	Content-Type, X-Access-Token
X-Frame-Options	SAMEORIGIN
Referrer-Policy	strict-origin
Strict-Transport-Security	max-age=31536000; includeSubDomains
Access-Control-Expose-Headers	X-Access-Token
X-Robots-Tag	none
Set-Cookie	IOTSERVERID=e92ca505afee48a1d46763083df24...
Set-Cookie	TS01fe91fb=01f3b1e15d796aeadf6a2de0a1fbf6c...
#status#	HTTP/1.1 200 OK
X-XSS-Protection	1; mode=block
Content-Type	application/vnd.dcp-v1+json

Issue : Swagger Compliance Assertion is FAIL ?! -> **KO**

Reason :

FAIL Swagger Compliance Assertion
-> Swagger Compliance testing failed. Invalid content type [application/vnd.dcp-v1+json]

Test Case 2 : Error test case with “/login” resource.

In this error case, API provider makes a mistake, returned content-type is wrong, api respond with content-type = application/json, whereas “**application/vnd.dcp-v1+json**” is expected .

Response header :

Header	Value
Access-Control-Allow-Headers	Content-Type, X-Access-Token
X-Frame-Options	SAMEORIGIN
Referrer-Policy	strict-origin
Strict-Transport-Security	max-age=31536000; includeSubDomains
Access-Control-Expose-Headers	X-Access-Token
X-Robots-Tag	none
Set-Cookie	IOTSERVERID= d2bdfc6fe5389911c66a6149eac53...
Set-Cookie	TS01fe91fb=01f3b1e15dd6f0e9750f41b01cb1423...
#status#	HTTP/1.1 401 Unauthorized
X-XSS-Protection	1; mode=block
Content-Type	application/json

SSL Info (2 certs) Headers (17)

For memory, there no application/json in “consume” or “produce” media-type in json definition file.

Issue : Swagger Compliance Assertion is PASS ?! -> **KO**

Conclusion:

Swagger Compliance Assertion engine doesn't seem to use the provided definition file for response content-type check : it expects an "application/json" content-type anyway.

Swagger Compliance Assertion is not functional.