

```
1 /Users/dariocastellano/.gradle/jdks/
  eclipse_adoptium-21-aarch64-os_x/jdk-21.0.2+13/
  Contents/Home/bin/java -javaagent:/Users/
  dariocastellano/Applications/IntelliJ IDEA Ultimate
  .app/Contents/lib/idea_rt.jar=57262:/Users/
  dariocastellano/Applications/IntelliJ IDEA Ultimate
  .app/Contents/bin -Dfile.encoding=UTF-8 -Dsun.
  stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -
  classpath /Users/dariocastellano/Repository/EUDI/
  eudi-lib-jvm-openid4vci-kt/build/classes/kotlin/
  test:/Users/dariocastellano/Repository/EUDI/eudi-
  lib-jvm-openid4vci-kt/build/resources/test:/Users/
  dariocastellano/Repository/EUDI/eudi-lib-jvm-
  openid4vci-kt/build/classes/kotlin/main:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  com.nimbusds/oauth2-oidc-sdk/11.6/
  5c95362da185de3675f57f5a9f83ad7d623c9ccb/oauth2-
  oidc-sdk-11.6.jar:/Users/dariocastellano/.gradle/
  caches/modules-2/files-2.1/org.jetbrains.kotlin/
  kotlin-test/1.9.21/
  2e03c9f094744905ef267dad17bfdddf4f2095d9/kotlin-
  test-1.9.21.jar:/Users/dariocastellano/.gradle/
  caches/modules-2/files-2.1/org.jetbrains.kotlin/
  kotlin-stdlib/1.9.21/
  17ee3e873d439566c7d8354403b5f3d9744c4c9c/kotlin-
  stdlib-1.9.21.jar:/Users/dariocastellano/.gradle/
  caches/modules-2/files-2.1/org.jsoup/jsoup/1.17.2/
  1e75b08d7019546a954f1e359477f916f537a34d/jsoup-1.17
  .2.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/ch.qos.logback/logback-classic/
  1.5.6/afc75d260d838a3bddfb8f207c2805ed7d1b34f9/
  logback-classic-1.5.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/co.nstant.in/cbor
  /0.9/6fdebc091a3b58c996018ab2cbb395917de0034/cbor-0
  .9.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/org.junit.jupiter/junit-jupiter
  /5.8.2/5a817b1e63f1217e5c586090c45e681281f097ad/
  junit-jupiter-5.8.2.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/com.nimbusds/
  nimbus-jose-jwt/9.37/
  58580e151df90c5438aa8a3b03174e8e6831ff68/nimbus-
```

```
1 jose-jwt-9.37.jar:/Users/dariocastellano/.gradle/
  caches/modules-2/files-2.1/com.github.stephenc.jcip
  /jcip-annotations/1.0-1/
  ef31541dd28ae2cefdd17c7ebf352d93e9058c63/jcip-
  annotations-1.0-1.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/com.nimbusds/
  content-type/2.3/
  e3aa0be212d7a42839a8f3f506f5b990bcce0222/content-
  type-2.3.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/net.minidev/json-smart/2.4.11/
  cc5888f14a5768f254b97baf8b9fd29b31e872e/json-smart
  -2.4.11.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/com.nimbusds/lang-tag/1.7/
  97c73ecd70bc7e8eefb26c5eea84f251a63f1031/lang-tag-1
  .7.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/io.ktor/ktor-client-content-
  negotiation-jvm/2.3.6/
  5815595177b2f10feeee0f1e4c5fcc04ca5307857/ktor-
  client-content-negotiation-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-client-serialization-jvm/2.3.6/
  5dd72119d06ca6dfbb9617f85a7fa2310a672482/ktor-
  client-serialization-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-client-okhttp-jvm/2.3.6/
  7af92fdde8505c7cc25d383ce2c6707c4f193030/ktor-
  client-okhttp-jvm-2.3.6.jar:/Users/dariocastellano
  /.gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  server-test-host-jvm/2.3.6/
  f5c21bba23dc9cf655fc8c1b317f1733c7cd524a/ktor-
  server-test-host-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-client-mock-jvm/2.3.6/
  8d85df0bd311c0839b730cd1c340f422e8c407c8/ktor-
  client-mock-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  client-logging-jvm/2.3.6/
  db6efd37b6ae34b636b9a6ffdb895d8988d3666f/ktor-
  client-logging-jvm-2.3.6.jar:/Users/dariocastellano
  /.gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  client-core-jvm/2.3.6/
```

```
1 1d80e80aa69d0f01502aee14a8f3643ee5979caa/ktor-
client-core-jvm-2.3.6.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/io.ktor/ktor-
serialization-kotlinx-json-jvm/2.3.6/
237629e3cb28a2e768c2abd36aab97cfad2c4eb6/ktor-
serialization-kotlinx-json-jvm-2.3.6.jar:/Users/
dariocastellano/.gradle/caches/modules-2/files-2.1/
org.jetbrains.kotlin/kotlin-test-junit5/1.9.21/
65746a66412497c739a8f8a4f55b74543c180d39/kotlin-
test-junit5-1.9.21.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/io.ktor/ktor-
server-content-negotiation-jvm/2.3.6/
90486b015e1033ce62e976c300f9ef2968f34875/ktor-
server-content-negotiation-jvm-2.3.6.jar:/Users/
dariocastellano/.gradle/caches/modules-2/files-2.1/
org.jetbrains.kotlin/kotlinx-coroutines-test-jvm/1
.7.3/89e34400f452dab68fbb3caa66d854c89aaafa07/
kotlinx-coroutines-test-jvm-1.7.3.jar:/Users/
dariocastellano/.gradle/caches/modules-2/files-2.1/
org.jetbrains/annotations/23.0.0/
8cc20c07506ec18e0834947b84a864bfc094484e/
annotations-23.0.0.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/ch.qos.logback/
logback-core/1.5.6/
41cbe874701200c5624c19e0ab50d1b88dfcc77d/logback-
core-1.5.6.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/org.slf4j/slf4j-api/2.0.
13/80229737f704b121a318bba5d5deacbcf395bc77/slf4j-
api-2.0.13.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/org.junit.jupiter/junit-
jupiter-params/5.8.2/
ddea9e92fc263f895bfb73ffeca7fd56e23c2cce/junit-
jupiter-params-5.8.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.junit.jupiter
/junit-jupiter-api/5.8.2/
4c21029217adf07e4c0d0c5e192b6bf610c94bdc/junit-
jupiter-api-5.8.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/net.minidev/
accessors-smart/2.4.11/
245ceca7bdf3190fbb977045c852d5f3c8efece1/accessors-
smart-2.4.11.jar:/Users/dariocastellano/.gradle/
```

```
1 caches/modules-2/files-2.1/org.jetbrains.kotlinx/
kotlinx-coroutines-jdk8/1.7.3/
263611b87f7546402852e43a8dc7ef3223ada42a/kotlinx-
coroutines-jdk8-1.7.3.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.jetbrains.
kotlin/kotlin-stdlib-jdk8/1.9.10/
c7510d64a83411a649c76f2778304ddf71d7437b/kotlin-
stdlib-jdk8-1.9.10.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.jetbrains.
kotlin/kotlin-stdlib-jdk7/1.9.10/
bc5bfc2690338defd5195b05c57562f2194eeb10/kotlin-
stdlib-jdk7-1.9.10.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/com.squareup.
okhttp3/okhttp/4.12.0/
2f4525d4a200e97e1b87449c2cd9bd2e25b7e8cd/okhttp-4.
12.0.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/junit/junit/4.13.2/
8ac9e16d933b6fb43bc7f576336b8f4d7eb5ba12/junit-4.13
.2.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/org.apiguardian/apiguardian-api
/1.1.2/a231e0d844d2721b0fa1b238006d15c6ded6842a/
apiguardian-api-1.1.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.junit.
platform/junit-platform-commons/1.8.2/
32c8b8617c1342376fd5af2053da6410d8866861/junit-
platform-commons-1.8.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.opentest4j/
opentest4j/1.2.0/
28c11eb91f9b6d8e200631d46e20a7f407f2a046/opentest4j
-1.2.0.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/org.ow2.asm/asm/9.3/
8e6300ef51c1d801a7ed62d07cd221aca3a90640/asm-9.3.
jar:/Users/dariocastellano/.gradle/caches/modules-2
/files-2.1/io.ktor/ktor-serialization-jvm/2.3.6/
578d35a2dcc790fa0fcfb2f88c9a7fce98483ae5/ktor-
serialization-jvm-2.3.6.jar:/Users/dariocastellano
/.gradle/caches/modules-2/files-2.1/org.jetbrains.
kotlinx/kotlinx-coroutines-core-jvm/1.7.3/
2b09627576f0989a436a00a4a54b55fa5026fb86/kotlinx-
coroutines-core-jvm-1.7.3.jar:/Users/
dariocastellano/.gradle/caches/modules-2/files-2.1/
```



```
1 io.ktor/ktor-client-json-jvm/2.3.6/
  223ef2eedc4812e8f0083772c7fb433a885d4210/ktor-
  client-json-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/org.jetbrains.
  kotlin/kotlin-serialization-json-jvm/1.5.1/
  21ac91884e0b9462b9106d1a83e5e0d200170c65/kotlin-
  serialization-json-jvm-1.5.1.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  com.squareup.okio/okio-jvm/3.6.0/
  5600569133b7bdefe1daf9ec7f4abeb6d13e1786/okio-jvm-3
  .6.0.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/io.ktor/ktor-client-apache-jvm/
  2.3.6/2f9c1716e60355f23fa2ef09b95cc9f5728ae6ca/ktor
  -client-apache-jvm-2.3.6.jar:/Users/dariocastellano
  /.gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  client-cio-jvm/2.3.6/
  ba3ad4432d7b3c09856b0178dca89b517f9a4cfd/ktor-
  client-cio-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  server-call-logging-jvm/2.3.6/
  9494f349380790774d4d12214ae6e492d99085f0/ktor-
  server-call-logging-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-server-websockets-jvm/2.3.6/
  75a49c2a21abbc7d5321b8af377cb22b68fe92c3/ktor-
  server-websockets-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-server-host-common-jvm/2.3.6/
  9d59f7198bb61a0873ddc91e5546715344622307/ktor-
  server-host-common-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-server-core-jvm/2.3.6/
  42724e1cd2883bc1d1867b67d2dff708836a84fc/ktor-
  server-core-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/io.ktor/ktor-
  network-tls-certificates-jvm/2.3.6/
  7208d7828705e26f72b35daa4274659531b35aed/ktor-
  network-tls-certificates-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-network-tls-jvm/2.3.6/
  22b5e71709caf0681e6aa8eafc1ece19244b3ef8/ktor-
```

```
1 network-tls-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/io.ktor/ktor-test
  -dispatcher-jvm/2.3.6/
  a6fbc3f98f10435ad819c8dda05701b059a57efa/ktor-test-
  dispatcher-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/org.hamcrest/
  hamcrest-core/1.3/
  42a25dc3219429f0e5d060061f71acb49bf010a0/hamcrest-
  core-1.3.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/io.ktor/ktor-http-jvm/2.3.6/
  550659a94f8b9ce66c27cef5eddd599cd96443a8/ktor-http-
  jvm-2.3.6.jar:/Users/dariocastellano/.gradle/caches
  /modules-2/files-2.1/io.ktor/ktor-events-jvm/2.3.6/
  7361b04c85d908d618848cf48851b92ece5e59ab/ktor-
  events-jvm-2.3.6.jar:/Users/dariocastellano/.gradle
  /caches/modules-2/files-2.1/io.ktor/ktor-websocket-
  serialization-jvm/2.3.6/
  9854724b2452f006ee3294da97a30658bf155747/ktor-
  websocket-serialization-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  io.ktor/ktor-serialization-kotlinx-jvm/2.3.6/
  47e4ea3a98141a9ed916ab4d7d7b3a8718d69fe8/ktor-
  serialization-kotlinx-jvm-2.3.6.jar:/Users/
  dariocastellano/.gradle/caches/modules-2/files-2.1/
  org.apache.httpcomponents/httpasyncclient/4.1.5/
  cd18227f1eb8e9a263286c1d7362ceb24f6f9b32/
  httpasyncclient-4.1.5.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/org.jetbrains.
  kotlin/kotlin-reflect/1.8.22/
  b52be44bc57cb6fd2169a29aefa4507c4e49c858/kotlin-
  reflect-1.8.22.jar:/Users/dariocastellano/.gradle/
  caches/modules-2/files-2.1/com.typesafe/config/1.4.
  2/4c40a633e7994cfb0354244efb6d03fcb11c3ecf/config-1
  .4.2.jar:/Users/dariocastellano/.gradle/caches/
  modules-2/files-2.1/io.ktor/ktor-websockets-jvm/2.3
  .6/2445e00903b2d5ff718d2204ae454ed169ea6a6c/ktor-
  websockets-jvm-2.3.6.jar:/Users/dariocastellano/.
  gradle/caches/modules-2/files-2.1/org.jetbrains.
  kotlinx/kotlinx-serialization-core-jvm/1.5.1/
  e26cf5dfbcfe3e82ca196694dfd305753b1a49b9/kotlinx-
  serialization-core-jvm-1.5.1.jar:/Users/
```

```
1 dariocastellano/.gradle/caches/modules-2/files-2.1/
org.apache.httpcomponents/httpcore-nio/4.4.15/
85d2b6825d42db909a1474f0ffbd6328429b7a32/httpcore-
nio-4.4.15.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/org.apache.
httpcomponents/httpclient/4.5.13/
e5f6cae5ca7ecaac1ec2827a9e2d65ae2869cada/httpclient
-4.5.13.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/org.apache.httpcomponents/
httpcore/4.4.15/
7f2e0c573eaa7a74bac2e89b359e1f73d92a0a1d/httpcore-4
.4.15.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/commons-logging/commons-logging
/1.2/4bfc12adfe4842bf07b657f0369c4cb522955686/
commons-logging-1.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/io.ktor/ktor-http
-cio-jvm/2.3.6/
562d00ab9b583e2251b297095784c317a56b7a75/ktor-http-
cio-jvm-2.3.6.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/io.ktor/ktor-utils-jvm/2
.3.6/5deb03c1ee8ba69b200951c27358e0b812cb073e/ktor-
utils-jvm-2.3.6.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/io.ktor/ktor-network-jvm
/2.3.6/23ab56a7a6d3c6b1a32ccaf5a15ba8f9eda4916/ktor-
network-jvm-2.3.6.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/commons-codec/
commons-codec/1.11/
3acb4705652e16236558f0f4f2192cc33c3bd189/commons-
codec-1.11.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/io.ktor/ktor-io-jvm/2.3.
6/4b8aa5850072fa773ddd80104e5353e1325d2b6a/ktor-io-
jvm-2.3.6.jar:/Users/dariocastellano/.gradle/caches
/modules-2/files-2.1/org.junit.platform/junit-
platform-launcher/1.8.2/
c334fcee82b81311ab5c426ec2d52d467c8d0b28/junit-
platform-launcher-1.8.2.jar:/Users/dariocastellano
/.gradle/caches/modules-2/files-2.1/org.junit.
platform/junit-platform-engine/1.8.2/
b737de09f19864bd136805c84df7999a142fec29/junit-
platform-engine-1.8.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.junit.jupiter
```

```
1 /junit-jupiter-engine/5.8.2/
c598b4328d2f397194d11df3b1648d68d7d990e3/junit-
jupiter-engine-5.8.2.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.jetbrains.
kotlinx/kotlinx-coroutines-debug/1.7.3/
42a66c60df2c94188e39e3c9165f6b54c9c7d9d0/kotlinx-
coroutines-debug-1.7.3.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/org.jetbrains.
kotlinx/kotlinx-coroutines-slf4j/1.7.3/
34086fbfd556969d86b45ee2a69b816ee2413701/kotlinx-
coroutines-slf4j-1.7.3.jar:/Users/dariocastellano/.
gradle/caches/modules-2/files-2.1/net.java.dev.jna/
jna-platform/5.9.0/
c535a5bda553d7d7690356c825010da74b2671b5/jna-
platform-5.9.0.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/net.java.dev.jna/jna/5.9
.0/8f503e6d9b500ceff299052d6be75b38c7257758/jna-5.9
.0.jar:/Users/dariocastellano/.gradle/caches/
modules-2/files-2.1/net.bytebuddy/byte-buddy/1.10.9
/2c03f15cd1131692feca93f190ed81412a3de961/byte-
buddy-1.10.9.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/net.bytebuddy/byte-buddy
-agent/1.10.9/
cbbeffa557e6b1b4cbb181b0782436921c523699/byte-buddy
-agent-1.10.9.jar:/Users/dariocastellano/.gradle/
caches/modules-2/files-2.1/org.fusesource.jansi/
jansi/2.4.0/
321c614f85f1dea6bb08c1817c60d53b7f3552fd/jansi-2.4.
0.jar eu.europa.ec.eudi.openid4vci.examples.
WalletInitiatedIssuanceUsingAuthorizationFlowKt
2 [[Scenario: Issuance based on credential
configuration ids: [
CredentialConfigurationIdentifier(value=eu.europa.
ec.eudiw.pid_vc_sd_jwt),
CredentialConfigurationIdentifier(value=eu.europa.
ec.eudiw.pid_mso_mdoc),
CredentialConfigurationIdentifier(value=org.iso.
18013.5.1.mDL)]]]
3 13:08:11.791 [main] INFO io.ktor.client.HttpClient
-- REQUEST: https://localhost/pid-issuer/.well-
known/openid-credential-issuer
```

```
4 METHOD: HttpMethod(value=GET)
5 COMMON HEADERS
6 -> Accept: application/json
7 -> Accept-Charset: UTF-8
8 CONTENT HEADERS
9 -> Content-Length: 0
10 BODY Content-Type: null
11 BODY START
12
13 BODY END
14 13:08:13.860 [DefaultDispatcher-worker-5] INFO io.
    ktor.client.HttpClient -- RESPONSE: 200 OK
15 METHOD: HttpMethod(value=GET)
16 FROM: https://localhost/pid-issuer/.well-known/
    openid-credential-issuer
17 COMMON HEADERS
18 -> cache-control: no-cache, no-store, max-age=0,
    must-revalidate
19 -> content-length: 11363
20 -> content-type: application/json
21 -> expires: 0
22 -> pragma: no-cache
23 -> referrer-policy: no-referrer
24 -> set-cookie: SERVERUSED=server1; path=/
25 -> strict-transport-security: max-age=31536000 ;
    includeSubDomains
26 -> x-content-type-options: nosniff
27 -> x-frame-options: DENY
28 -> x-xss-protection: 0
29 BODY Content-Type: application/json
30 BODY START
31 {"credential_issuer":"https://localhost/pid-issuer
    ","authorization_servers":["https://localhost/idp/
    realms/pid-issuer-realm"],"credential_endpoint":"
    https://localhost/pid-issuer/wallet/
    credentialEndpoint","deferred_credential_endpoint
    ":"https://localhost/pid-issuer/wallet/
    deferredEndpoint","notification_endpoint":"https://
    localhost/pid-issuer/wallet/notificationEndpoint","
    credential_response_encryption":{"
    alg_values_supported":["RSA-OAEP-256"],"
```

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31 enc_values_supported":["A128CBC-HS256"],"
  encryption_required":true},"
  credential_identifiers_supported":true,"
  credential_configurations_supported":{"eu.europa.ec
.euudiw.pid_mso_mdoc":{"format":"mso_mdoc","scope":"
eu.europa.ec.euudiw.pid_mso_mdoc"},"
  proof_types_supported":{"jwt":{"
  proof_signing_alg_values_supported":["ES256"]}},"
  doctype":"eu.europa.ec.euudiw.pid.1","display":[{"
  name":"PID","locale":"en","logo":{"uri":"https://
examplestate.com/public/mdl.png","alt_text":"A
square figure of a PID"}}],"claims":{"eu.europa.ec.
euudiw.pid.1":{"family_name":{"mandatory":true,"
display":[{"name":"Current Family Name","locale":"
en"}]},"given_name":{"mandatory":true,"display":[{"
name":"Current First Names","locale":"en"}]},"
  birth_date":{"mandatory":true,"display":[{"name":"
Date of Birth","locale":"en"}]},"age_over_18":{"
  mandatory":false,"display":[{"name":"Attesting
whether the PID User is currently an adult (true)
or a minor (false).","locale":"en"}]},"
  age_birth_year":{"mandatory":false,"display":[{"
  name":"The year when the PID User was born. ","
  locale":"en"}]},"age_in_years":{"mandatory":false,"
  display":[{"name":"The current age of the PID User
in years. ","locale":"en"}]},"family_name_birth":{"
  mandatory":false,"display":[{"name":"Last name(s)
or surname(s) of the PID User at the time of birth
. ","locale":"en"}]},"given_name_birth":{"mandatory
":false,"display":[{"name":"First name(s),
including middle name(s), of the PID User at the
time of birth. ","locale":"en"}]},"birth_place":{"
  mandatory":false,"display":[{"name":"The country,
state, and city where the PID User was born. ","
  locale":"en"}]},"birth_country":{"mandatory":false
,"display":[{"name":"The country where the PID User
was born, as an Alpha-2 country code. ","locale":"
en"}]},"birth_state":{"mandatory":false,"display
":[{"name":"The state, province, district, or local
area where the PID User was born. ","locale":"en
"}]},"birth_city":{"mandatory":false,"display":[{"

```

```
31 name":"The municipality, city, town, or village
  where the PID User was born. ","locale":"en"}]],"
  resident_address":{"mandatory":false,"display":[{"
  name":"The full address of the place where the PID
  User currently resides and/or can be contacted (
  street name, house number, city etc).","locale":"
  en"}]],"resident_country":{"mandatory":false,"
  display":[{"name":"he country where the PID User
  currently resides, as an Alpha-2 country code as
  specified in ISO 3166-1.","locale":"en"}]],"
  resident_state":{"mandatory":false,"display":[{"
  name":"The state, province, district, or local area
  where the PID User currently resides","locale":"en
  "}]}},"resident_city":{"mandatory":false,"display
  ":[{"name":"The municipality, city, town, or
  village where the PID User currently resides.","
  locale":"en"}]],"resident_postal_code":{"mandatory
  ":false,"display":[{"name":"Postal code of the
  place where the PID User currently resides.","
  locale":"en"}]],"resident_street":{"mandatory":
  false,"display":[{"name":"The name of the street
  where the PID User currently resides","locale":"en
  "}]}},"resident_house_number":{"mandatory":false,"
  display":[{"name":"The house number where the PID
  User currently resides, including any affix or
  suffix.","locale":"en"}]],"gender":{"mandatory":
  false,"display":[{"name":"PID User's gender, using
  a value as defined in ISO/IEC 5218.","locale":"en
  "}]}},"nationality":{"mandatory":false,"display":[{"
  name":"Alpha-2 country code, representing the
  nationality of the PID User.","locale":"en"}]],"
  issuance_date":{"mandatory":true,"display":[{"name
  ":"Date (and possibly time) when the PID was issued
  .","locale":"en"}]],"expiry_date":{"mandatory":true
  ,"display":[{"name":"Date (and possibly time) when
  the PID will expire.","locale":"en"}]],"
  issuing_authority":{"mandatory":true,"display":[{"
  name":"Name of the administrative authority that
  has issued this PID instance, or the ISO 3166 Alpha
  -2 country code of the respective Member State if
  there is no separate authority authorized to issue
```

```

31 PIDs.", "locale": "en"}]}, "document_number": {"
  mandatory": false, "display": [{"name": "A number for
  the PID, assigned by the PID Provider.", "locale": "
  en"}]}, "issuing_country": {"mandatory": true, "display
  ": [{"name": "Alpha-2 country code, as defined in ISO
  3166-1, of the PID Provider's country or territory
  .", "locale": "en"}]}, "issuing_jurisdiction": {"
  mandatory": false, "display": [{"name": "Country
  subdivision code of the jurisdiction that issued
  the PID, as defined in ISO 3166-2:2020, Clause 8.
  The first part of the code SHALL be the same as the
  value for issuing_country.", "locale": "en"}]}}, "
  eu.europa.ec.eudiw.pid_vc_sd_jwt": {"format": "vc+sd-
  jwt", "scope": "eu.europa.ec.eudiw.pid_vc_sd_jwt", "
  cryptographic_binding_methods_supported": ["jwk"], "
  credential_signing_alg_values_supported": ["ES256
  "], "proof_types_supported": {"jwt": {"
  proof_signing_alg_values_supported": ["RS256", "ES256
  "]}}, "vct": "eu.europa.ec.eudiw.pid.1", "display": [{"
  name": "PID", "locale": "en", "logo": {"uri": "https://
  examplestate.com/public/mdl.png", "alt_text": "A
  square figure of a PID"}]}, "credential_definition
  ": {"type": "eu.europa.ec.eudiw.pid.1", "claims": {"
  family_name": {"mandatory": false, "display": [{"name
  ": "Current Family Name", "locale": "en"}]}, "
  given_name": {"mandatory": false, "display": [{"name": "
  Current First Names", "locale": "en"}]}, "birthdate
  ": {"mandatory": false, "display": [{"name": "Date of
  Birth", "locale": "en"}]}, "address": {"mandatory":
  false, "display": [{"name": "Resident street_address,
  country, region, locality and postal_code", "locale
  ": "en"}]}, "gender": {"mandatory": false, "display": [{"
  name": "PID User's gender, using a value as defined
  in ISO/IEC 5218.", "locale": "en"}]}, "nationalities
  ": {"mandatory": false, "display": [{"name": "Array of
  nationalities", "locale": "en"}]}, "birth_family_name
  ": {"mandatory": false, "display": [{"name": "Last name(
  s) or surname(s) of the PID User at the time of
  birth.", "locale": "en"}]}, "birth_given_name": {"
  mandatory": false, "display": [{"name": "First name(s
  ), including middle name(s), of the PID User at the

```



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31  time of birth.", "locale": "en"}]}}, "
    age_equal_or_over": {"mandatory": false, "display": [{"name": "Age attestations", "locale": "en"}]}, "
    age_in_years": {"mandatory": false, "display": [{"name": "The subject's current age in years.", "locale": "en"}]}, "place_of_birth": {"mandatory": false, "display": [{"name": "The country, region, and locality", "locale": "en"}]}, "issuance_date": {"mandatory": true}, "birthdate_year": {"mandatory": false}}}, {"org.iso.18013.5.1.mDL": {"format": "mso_mdoc", "scope": "org.iso.18013.5.1.mDL", "proof_types_supported": {"jwt": {"proof_signing_alg_values_supported": ["ES256"]}}, "doctype": "org.iso.18013.5.1.mDL", "display": [{"name": "Mobile Driving Licence", "locale": "en"}]}, "claims": {"org.iso.18013.5.1": {"family_name": {"mandatory": true, "display": [{"name": "Last name, surname, or primary identifier of the mDL holder.", "locale": "en"}]}, "given_name": {"mandatory": true, "display": [{"name": "First name(s), other name(s), or secondary identifier, of the mDL holder.", "locale": "en"}]}, "birth_date": {"mandatory": true, "display": [{"name": "Day, month and year on which the mDL holder was born.", "locale": "en"}]}, "issue_date": {"mandatory": true, "display": [{"name": "Date when mDL was issued.", "locale": "en"}]}, "expiry_date": {"mandatory": true, "display": [{"name": "Date when mDL expires.", "locale": "en"}]}, "issuing_country": {"mandatory": true, "display": [{"name": "Alpha-2 country code, as defined in ISO 3166-1 of the issuing authority's country or territory.", "locale": "en"}]}, "issuing_authority": {"mandatory": true, "display": [{"name": "Issuing authority name.", "locale": "en"}]}, "document_number": {"mandatory": true, "display": [{"name": "The number assigned or calculated by the issuing authority.", "locale": "en"}]}, "portrait": {"mandatory": true, "display": [{"name": "A reproduction of the mDL holder's portrait.", "locale": "en"}]}, "driving_privileges": {"mandatory": true, "display": [{"name": "Driving privileges of the mDL holder.", "locale": "en"}]}, "un_distinguishing_sign": {"mandatory": true, "display": [{"name": "

```

```

31 Distinguishing sign of the issuing country
according to ISO/IEC 18013-1:2018, Annex F.", "
locale":"en"]}], "administrative_number":{"mandatory
":false, "display":[{"name":"An audit control number
assigned by the issuing authority.", "locale":"en
"}]}, "sex":{"mandatory":false, "display":[{"name":"
mDL holder's sex using values as defined in ISO/IEC
5218.", "locale":"en"}]}, "height":{"mandatory":
false, "display":[{"name":"mDL holder's height in
centimetres.", "locale":"en"}]}, "weight":{"mandatory
":false, "display":[{"name":"mDL holder's weight in
kilograms.", "locale":"en"}]}, "eye_colour":{"
mandatory":false, "display":[{"name":"mDL holder's
eye colour.", "locale":"en"}]}, "hair_colour":{"
mandatory":false, "display":[{"name":"mDL holder's
hair colour.", "locale":"en"}]}, "birth_place":{"
mandatory":false, "display":[{"name":"Country and
municipality or state/province where the mDL holder
was born.", "locale":"en"}]}, "resident_address":{"
mandatory":false, "display":[{"name":"The place
where the mDL holder resides and/or may be
contacted (street/house number, municipality etc
.).", "locale":"en"}]}, "portrait_capture_date":{"
mandatory":false, "display":[{"name":"Date when
portrait was taken.", "locale":"en"}]}, "age_in_years
":{"mandatory":false, "display":[{"name":"The age of
the mDL holder.", "locale":"en"}]}, "age_birth_year
":{"mandatory":false, "display":[{"name":"The year
when the mDL holder was born.", "locale":"en"}]}, "
age_over_18":{"mandatory":false, "display":[{"name
":"Whether the mDL holder is over 18 years old.", "
locale":"en"}]}, "age_over_21":{"mandatory":false, "
display":[{"name":"Whether the mDL holder is over
21 years old.", "locale":"en"}]}, "
issuing_jurisdiction":{"mandatory":false, "display
":[{"name":"Country subdivision code of the
jurisdiction that issued the mDL as defined in ISO
3166-2:2020, Clause 8.", "locale":"en"}]}, "
nationality":{"mandatory":false, "display":[{"name
":"Nationality of the mDL holder as a two letter
country code (alpha-2 code) defined in ISO 3166-1

```

```
31 .,"locale":"en"}]}},"resident_city":{"mandatory":
  false,"display":[{"name":"The city where the mDL
  holder lives.,"locale":"en"}]}},"resident_state":{"
  mandatory":false,"display":[{"name":"The state/
  province/district where the mDL holder lives.,"
  locale":"en"}]}},"resident_postal_code":{"mandatory
  ":false,"display":[{"name":"The postal code of the
  mDL holder.,"locale":"en"}]}},"resident_country":{"
  mandatory":false,"display":[{"name":"The country
  where the mDL holder lives as a two letter country
  code (alpha-2 code) defined in ISO 3166-1.,"locale
  ":"en"}]}},"family_name_national_character":{"
  mandatory":false,"display":[{"name":"The family
  name of the mDL holder using full UTF-8 character
  set.,"locale":"en"}]}},"
  given_name_national_character":{"mandatory":false,"
  display":[{"name":"The given name of the mDL holder
  using full UTF-8 character set.,"locale":"en
  "}]}},"signature_usual_mark":{"mandatory":false,"
  display":[{"name":"Image of the signature or usual
  mark of the mDL holder.,"locale":"en"}]}}}}}}}}
32 BODY END
33 13:08:14.044 [DefaultDispatcher-worker-5] INFO io.
  ktor.client.HttpClient -- REQUEST: https://
  localhost/.well-known/openid-configuration/idp/
  realms/pid-issuer-realm
34 METHOD: HttpMethod(value=GET)
35 COMMON HEADERS
36 -> Accept: application/json
37 -> Accept-Charset: UTF-8
38 -> Cookie: SERVERUSED=server1
39 CONTENT HEADERS
40 -> Content-Length: 0
41 BODY Content-Type: null
42 BODY START
43
44 BODY END
45 13:08:14.048 [DefaultDispatcher-worker-9] INFO io.
  ktor.client.HttpClient -- RESPONSE: 404 Not Found
46 METHOD: HttpMethod(value=GET)
47 FROM: https://localhost/.well-known/openid-
```

```
47 configuration/idp/realms/pid-issuer-realm
48 COMMON HEADERS
49 -> cache-control: no-cache
50 -> content-length: 83
51 -> content-type: text/html
52 BODY Content-Type: text/html
53 BODY START
54 <html><body><h1>404 Not Found</h1>
55 The resource could not be found.
56 </body></html>
57
58 BODY END
59 13:08:14.059 [DefaultDispatcher-worker-10] INFO io.
ktor.client.HttpClient -- REQUEST: https://
localhost/idp/realms/pid-issuer-realm/.well-known/
openid-configuration
60 METHOD: HttpMethod(value=GET)
61 COMMON HEADERS
62 -> Accept: application/json
63 -> Accept-Charset: UTF-8
64 -> Cookie: SERVERUSED=server1
65 CONTENT HEADERS
66 -> Content-Length: 0
67 BODY Content-Type: null
68 BODY START
69
70 BODY END
71 13:08:14.260 [DefaultDispatcher-worker-5] INFO io.
ktor.client.HttpClient -- RESPONSE: 200 OK
72 METHOD: HttpMethod(value=GET)
73 FROM: https://localhost/idp/realms/pid-issuer-realm
/.well-known/openid-configuration
74 COMMON HEADERS
75 -> cache-control: no-cache, must-revalidate, no-
transform, no-store
76 -> content-length: 6293
77 -> content-type: application/json;charset=UTF-8
78 -> referrer-policy: no-referrer
79 -> strict-transport-security: max-age=31536000;
includeSubDomains
80 -> x-content-type-options: nosniff
```

```
81 -> x-frame-options: SAMEORIGIN
82 -> x-xss-protection: 1; mode=block
83 BODY Content-Type: application/json; charset=UTF-8
84 BODY START
85 {"issuer":"https://localhost/idp/realms/pid-issuer
  -realm","authorization_endpoint":"https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/auth","token_endpoint":"https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/token","introspection_endpoint":"
  https://localhost/idp/realms/pid-issuer-realm/
  protocol/openid-connect/token/introspect","
  userinfo_endpoint":"https://localhost/idp/realms/
  pid-issuer-realm/protocol/openid-connect/userinfo
  ","end_session_endpoint":"https://localhost/idp/
  realms/pid-issuer-realm/protocol/openid-connect/
  logout","frontchannel_logout_session_supported":
  true,"frontchannel_logout_supported":true,"
  jwks_uri":"https://localhost/idp/realms/pid-issuer
  -realm/protocol/openid-connect/certs","
  check_session_iframe":"https://localhost/idp/
  realms/pid-issuer-realm/protocol/openid-connect/
  login-status-iframe.html","grant_types_supported
  ":["authorization_code","implicit","refresh_token
  ","password","client_credentials","urn:openid:
  params:grant-type:ciba","urn:ietf:params:oauth:
  grant-type:device_code"],"acr_values_supported":["
  0","1"],"response_types_supported":["code","none
  ","id_token","token","id_token token","code
  id_token","code token","code id_token token"],"
  subject_types_supported":["public","pairwise"],"
  id_token_signing_alg_values_supported":["PS384","
  RS384","EdDSA","ES384","HS256","HS512","ES256","
  RS256","HS384","ES512","PS256","PS512","RS512"],"
  id_token_encryption_alg_values_supported":["RSA-
  OAEP","RSA-OAEP-256","RSA1_5"],"
  id_token_encryption_enc_values_supported":["
  A256GCM","A192GCM","A128GCM","A128CBC-HS256","
  A192CBC-HS384","A256CBC-HS512"],"
  userinfo_signing_alg_values_supported":["PS384","
  RS384","EdDSA","ES384","HS256","HS512","ES256","
```

```
85 RS256", "HS384", "ES512", "PS256", "PS512", "RS512", "
  none"], "userinfo_encryption_alg_values_supported
  ": ["RSA-0AEP", "RSA-0AEP-256", "RSA1_5"], "
  userinfo_encryption_enc_values_supported": ["
  A256GCM", "A192GCM", "A128GCM", "A128CBC-HS256", "
  A192CBC-HS384", "A256CBC-HS512"], "
  request_object_signing_alg_values_supported": ["
  PS384", "RS384", "EdDSA", "ES384", "HS256", "HS512", "
  ES256", "RS256", "HS384", "ES512", "PS256", "PS512", "
  RS512", "none"], "
  request_object_encryption_alg_values_supported": ["
  RSA-0AEP", "RSA-0AEP-256", "RSA1_5"], "
  request_object_encryption_enc_values_supported": ["
  A256GCM", "A192GCM", "A128GCM", "A128CBC-HS256", "
  A192CBC-HS384", "A256CBC-HS512"], "
  response_modes_supported": ["query", "fragment", "
  form_post", "query.jwt", "fragment.jwt", "form_post.
  jwt", "jwt"], "registration_endpoint": "https://
  localhost/idp/realms/pid-issuer-realm/clients-
  registrations/openid-connect", "
  token_endpoint_auth_methods_supported": ["
  private_key_jwt", "client_secret_basic", "
  client_secret_post", "tls_client_auth", "
  client_secret_jwt"], "
  token_endpoint_auth_signing_alg_values_supported
  ": ["PS384", "RS384", "EdDSA", "ES384", "HS256", "HS512
  ", "ES256", "RS256", "HS384", "ES512", "PS256", "PS512
  ", "RS512"], "
  introspection_endpoint_auth_methods_supported": ["
  private_key_jwt", "client_secret_basic", "
  client_secret_post", "tls_client_auth", "
  client_secret_jwt"], "
  introspection_endpoint_auth_signing_alg_values_sup
  ported": ["PS384", "RS384", "EdDSA", "ES384", "HS256", "
  HS512", "ES256", "RS256", "HS384", "ES512", "PS256", "
  PS512", "RS512"], "
  authorization_signing_alg_values_supported": ["
  PS384", "RS384", "EdDSA", "ES384", "HS256", "HS512", "
  ES256", "RS256", "HS384", "ES512", "PS256", "PS512", "
  RS512"], "
  authorization_encryption_alg_values_supported": ["
```

```
85 RSA-OAEP", "RSA-OAEP-256", "RSA1_5"], "
  authorization_encryption_enc_values_supported": ["
    A256GCM", "A192GCM", "A128GCM", "A128CBC-HS256", "
    A192CBC-HS384", "A256CBC-HS512"], "claims_supported
  ": ["aud", "sub", "iss", "auth_time", "name", "
    given_name", "family_name", "preferred_username", "
    email", "acr"], "claim_types_supported": ["normal"], "
  claims_parameter_supported": true, "scopes_supported
  ": ["openid", "eu.europa.ec.eudiw.pid_vc_sd_jwt", "
    offline_access", "web-origins", "eu.europa.ec.eudiw.
    pid_mso_mdoc", "roles", "org.iso.18013.5.1.mDL"], "
  request_parameter_supported": true, "
  request_uri_parameter_supported": true, "
  require_request_uri_registration": true, "
  code_challenge_methods_supported": ["plain", "S256
  "], "tls_client_certificate_bound_access_tokens":
  true, "dpop_signing_alg_values_supported": ["PS384
  ", "ES384", "RS384", "ES256", "RS256", "ES512", "PS256
  ", "PS512", "RS512"], "revocation_endpoint": "https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/revoke", "
  revocation_endpoint_auth_methods_supported": ["
  private_key_jwt", "client_secret_basic", "
  client_secret_post", "tls_client_auth", "
  client_secret_jwt"], "
  revocation_endpoint_auth_signing_alg_values_support
  ed": ["PS384", "RS384", "EdDSA", "ES384", "HS256", "
  HS512", "ES256", "RS256", "HS384", "ES512", "PS256", "
  PS512", "RS512"], "backchannel_logout_supported":
  true, "backchannel_logout_session_supported": true, "
  device_authorization_endpoint": "https://localhost/
  idp/realms/pid-issuer-realm/protocol/openid-
  connect/auth/device", "
  backchannel_token_delivery_modes_supported": ["poll
  ", "ping"], "backchannel_authentication_endpoint": "
  https://localhost/idp/realms/pid-issuer-realm/
  protocol/openid-connect/ext/ciba/auth", "
  backchannel_authentication_request_signing_alg_val
  ues_supported": ["PS384", "RS384", "EdDSA", "ES384", "
  ES256", "RS256", "ES512", "PS256", "PS512", "RS512"], "
  require_pushed_authorization_requests": false, "
```

```
85 pushed_authorization_request_endpoint":"https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/ext/par/request", "
  mtls_endpoint_aliases":{"token_endpoint":"https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/token", "revocation_endpoint":"https
  ://localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/revoke", "introspection_endpoint":"
  https://localhost/idp/realms/pid-issuer-realm/
  protocol/openid-connect/token/introspect", "
  device_authorization_endpoint":"https://localhost/
  idp/realms/pid-issuer-realm/protocol/openid-
  connect/auth/device", "registration_endpoint":"
  https://localhost/idp/realms/pid-issuer-realm/
  clients-registrations/openid-connect", "
  userinfo_endpoint":"https://localhost/idp/realms/
  pid-issuer-realm/protocol/openid-connect/userinfo
  ", "pushed_authorization_request_endpoint":"https
  ://localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/ext/par/request", "
  backchannel_authentication_endpoint":"https://
  localhost/idp/realms/pid-issuer-realm/protocol/
  openid-connect/ext/ciba/auth"},"
  authorization_response_iss_parameter_supported":
  true}
86 BODY END
87 --> [AUTHORIZATION] Using authorized code flow to
  authorize
88 --> [AUTHORIZATION] Preparing authorization code
  request
89 13:08:14.480 [main] INFO io.ktor.client.HttpClient
  -- REQUEST: https://localhost/idp/realms/pid-
  issuer-realm/protocol/openid-connect/ext/par/
  request
90 METHOD: HttpMethod(value=POST)
91 COMMON HEADERS
92 -> Accept: application/json
93 -> Accept-Charset: UTF-8
94 CONTENT HEADERS
95 -> Content-Length: 324
96 -> Content-Type: application/x-www-form-urlencoded
```



```
96 ; charset=UTF-8
97 BODY Content-Type: application/x-www-form-
  urlencoded; charset=UTF-8
98 BODY START
99 client_id=wallet-dev&response_type=code&
  redirect_uri=urn%3Aietf%3Awg%3Aoauth%3A2.0%3Aaob&
  scope=eu.europa.ec.eudiw.pid_vc_sd_jwt+eu.europa.
  ec.eudiw.pid_mso_mdoc+org.iso.18013.5.1.mDL+openid
  &state=UAXEwZReHkCa0WCXsjb10eIv8GfrcAcHIPskgV9mE-c
  &code_challenge=
  dvgBav00MJDxd38lM_aU1AzKJVPVxUW9DSQ7EQp7Y18&
  code_challenge_method=S256
100 BODY END
101 13:08:15.041 [DefaultDispatcher-worker-5] INFO io.
  ktor.client.HttpClient -- RESPONSE: 201 Created
102 METHOD: HttpMethod(value=POST)
103 FROM: https://localhost/idp/realms/pid-issuer-
  realm/protocol/openid-connect/ext/par/request
104 COMMON HEADERS
105 -> content-length: 104
106 -> content-type: application/json
107 -> referer-policy: no-referrer
108 -> set-cookie: SERVERUSED=server1; path=/
109 -> strict-transport-security: max-age=31536000;
  includeSubDomains
110 -> x-content-type-options: nosniff
111 -> x-frame-options: SAMEORIGIN
112 -> x-xss-protection: 1; mode=block
113 BODY Content-Type: application/json
114 BODY START
115 {"request_uri":"urn:ietf:params:oauth:request_uri:
  9c8cbfa3-94e0-44ae-aabc-24022af02b9c","expires_in
  ":60}
116 BODY END
117 --> [AUTHORIZATION] Get authorization code URL is
  : https://localhost/idp/realms/pid-issuer-realm/
  protocol/openid-connect/auth?client_id=wallet-dev&
  state=UAXEwZReHkCa0WCXsjb10eIv8GfrcAcHIPskgV9mE-c&
  request_uri=urn%3Aietf%3Aparams%3Aoauth%
  3Arequest_uri%3A9c8cbfa3-94e0-44ae-aabc-
  24022af02b9c
```

```
118 13:08:15.106 [main] INFO io.ktor.client.HttpClient
    -- REQUEST: https://localhost/idp/realms/pid-
    issuer-realm/protocol/openid-connect/auth?
    client_id=wallet-dev&state=
    UAXEwZReHkCa0WCXsjb10eIv8GfrcAcHIPskgV9mE-c&
    request_uri=urn%3Aietf%3Aparams%3Aoauth%
    3Arequest_uri%3A9c8cbfa3-94e0-44ae-aabc-
    24022af02b9c
119 METHOD: HttpMethod(value=GET)
120 COMMON HEADERS
121 -> Accept: application/json
122 -> Accept-Charset: UTF-8
123 CONTENT HEADERS
124 -> Content-Length: 0
125 BODY Content-Type: null
126 BODY START
127
128 BODY END
129 13:08:15.736 [DefaultDispatcher-worker-6] INFO io.
    ktor.client.HttpClient -- RESPONSE: 200 OK
130 METHOD: HttpMethod(value=GET)
131 FROM: https://localhost/idp/realms/pid-issuer-
    realm/protocol/openid-connect/auth?client_id=
    wallet-dev&state=
    UAXEwZReHkCa0WCXsjb10eIv8GfrcAcHIPskgV9mE-c&
    request_uri=urn%3Aietf%3Aparams%3Aoauth%
    3Arequest_uri%3A9c8cbfa3-94e0-44ae-aabc-
    24022af02b9c
132 COMMON HEADERS
133 -> cache-control: no-store, must-revalidate, max-
    age=0
134 -> content-language: en
135 -> content-length: 5211
136 -> content-security-policy: frame-src 'self';
    frame-ancestors 'self'; object-src 'none';
137 -> content-type: text/html;charset=utf-8
138 -> referrer-policy: no-referrer
139 -> set-cookie: AUTH_SESSION_ID=5eb5d6ea-00fd-4040-
    b95a-1a8785e5a5a0;Version=1;Path=/idp/realms/pid-
    issuer-realm/;Secure;HttpOnly;SameSite=None;
    AUTH_SESSION_ID_LEGACY=5eb5d6ea-00fd-4040-b95a-
```

```
139 1a8785e5a5a0;Version=1;Path=/idp/realms/pid-issuer
    -realm/;HttpOnly; KC_RESTART=
    eyJhbGciOiJIUzUxMiIsInR5cCI6IWF0Iiwia2lkIiA6IC
    I3NTE3NzIzYy0wZDIyLTQwYWMtOTAyOS00MjRmMzFlNGQ3ZjYi
    fQ.
    eyJjaWQiOiJ3YWxsZXQtZGV2IiwicHR5Ijoib3BlbmLkLWNvbm
    5lY3QiLCJydXJpIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3Jl
    YWxtcy9waWQtaXNzdWVyLXJlYWxtL3Byb3RvY29sL29wZW5pZC
    1jb25uZWN0L29hdXR0L29vYiIsImFjdCI6IkFVVEhFTlRjQ0FU
    RSIIsIm5vdGVzIjp7InNjb3BlIjoiaXNzZXUuZXVyb3BhLmVjLmV1ZG
    l3LnBpZF92Y19zZF9qd3QgZXUuZXVyb3BhLmVjLmV1ZG13LnBp
    ZF9tc29fbWRvYyBvcmcuaXNvLjE4MDEzLjUuMS5tREwgb3Blbm
    lkIiwiaXNzIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3JlYWxt
    cy9waWQtaXNzdWVyLXJlYWxtIiwicmVzcG9uc2VfdHlwZSI6Im
    NvZGUuLCJjbGllbnRfcmVxdWVzdF9wYXJhbV9wYXJlYXN0IiwiaXNz
    ZC50aW1lIjoiaMTcxNzY3MjA5NTAxNCIsImNvZGVfY2hhbGxlbm
    dX21ldGhvZCI6IiMyNTYiLCJyZWp7IjoiaXNzZXUuZXVyb3BhLmVjLmV1ZG
    aWV0Zjp3ZzpvYXV0aDoyLjA6b29iIiwic3RhdGUuOiJlVjVhFm1
    pSUhrQ2EwV0NYc2piMTBLSXY4R2ZyY0FjSElQc2tnVjltRS1j
    IiwiaXNzZXV9jaGFsbGVzZ2UiOiJkdmdCYXZPME1KRHhkMzhsTV
    9hVTFBektKVLBWeFVXOUURTUTdFUXA3WTE4In19.
    AAYBow3y64k49sR6ISd0HHonUPdFg_yaJqmdkQKlauNQIZKBtg
    KXdVS90hfDyawXgs_c6S2_JARLCGL6CXfDRA;Version=1;
    Path=/idp/realms/pid-issuer-realm/;HttpOnly;
    SERVERUSED=server1; path=/
140 -> strict-transport-security: max-age=31536000;
    includeSubDomains
141 -> x-content-type-options: nosniff
142 -> x-frame-options: SAMEORIGIN
143 -> x-robots-tag: none
144 -> x-xss-protection: 1; mode=block
145 BODY Content-Type: text/html; charset=utf-8
146 BODY START
147 <!DOCTYPE html>
148 <html class="login-pf">
149
150 <head>
151     <meta charset="utf-8">
152     <meta http-equiv="Content-Type" content="text/
    html; charset=UTF-8" />
153     <meta name="robots" content="noindex, nofollow
```

```
153 ">
154
155     <meta name="viewport" content="width=
device-width,initial-scale=1"/>
156     <title>Sign in to pid-issuer-realm</title>
157     <link rel="icon" href="/idp/resources/799mj/
login/pid-issuer/img/favicon.ico" />
158     <link href="/idp/resources/799mj/
common/keycloak/node_modules/@patternfly/
patternfly/patternfly.min.css" rel="stylesheet" />
159     <link href="/idp/resources/799mj/
common/keycloak/node_modules/patternfly/dist/css/
patternfly.min.css" rel="stylesheet" />
160     <link href="/idp/resources/799mj/
common/keycloak/node_modules/patternfly/dist/css/
patternfly-additions.min.css" rel="stylesheet" />
161     <link href="/idp/resources/799mj/
common/keycloak/lib/pficon/pficon.css" rel="
stylesheet" />
162     <link href="/idp/resources/799mj/login
/pid-issuer/css/login.css" rel="stylesheet" />
163     <script src="/idp/resources/799mj/login/pid-
issuer/js/menu-button-links.js" type="module"></
script>
164     <script type="module">
165         import { checkCookiesAndSetTimer }
from "/idp/resources/799mj/login/pid-issuer/js/
authChecker.js";
166
167         checkCookiesAndSetTimer(
168             "5eb5d6ea-00fd-4040-b95a-
1a8785e5a5a0",
169             "zKvTROBKYH8",
170             "/idp/realms/pid-issuer-realm/login-
actions/restart?client_id=wallet-dev&tab_id=
zKvTROBKYH8&skip_logout=true"
171         );
172     </script>
173 </head>
174
175 <body class="">
```

```
176 <div class="login-pf-page">
177     <div id="kc-header" class="login-pf-page-
178         header">
179         <div id="kc-header-wrapper"
180             class="">pid-issuer-realm</div>
181     </div>
182     <div class="card-pf">
183         <header class="login-pf-header">
184             <h1 id="kc-page-title">
185                 Sign in to your account
186             </h1>
187         </header>
188         <div id="kc-content">
189             <div id="kc-content-wrapper">
190
191                 <div id="kc-form">
192                     <div id="kc-form-wrapper">
193                         <form id="kc-form-login" onsubmit
194                             ="login.disabled = true; return true;" action="
195                             https://localhost/idp/realms/pid-issuer-realm/
196                             login-actions/authenticate?session_code=
197                             yzaXNCdlkErVbJx-9F7bDbwrnIFpuq0r6ELmzLsuBP8&
198                             amp;
199                             execution=d53b5007-4b17-42b7-b60e-554a581d4beb&
200                             amp;
201                             client_id=wallet-dev&
202                             amp;tab_id=zKvTROBKYH8"
203                             method="post">
204
205                             <div class="form-group">
206                                 <label for="username"
207                                     class="pf-c-form__label pf-c-form__label-text">
208                                     Username</label>
209
210                                 <input tabindex="2" id
211                                     ="username" class="pf-c-form-control" name="
212                                     username" value="" type="text" autofocus
213                                     autocomplete="username"
214                                     aria-invalid=""
215                                 />
216
217                             </div>
218                         </div>
219                     </div>
220                 </div>
221             </div>
222         </div>
223     </div>
224 </div>
```

```
203
204         <div class="form-group">
205             <label for="password"
class="pf-c-form__label pf-c-form__label-text">
                Password</label>
206
207             <div class="pf-c-input-
group">
208                 <input tabindex="3" id
="password" class="pf-c-form-control" name="
password" type="password" autocomplete="current-
password"
209                                     aria-invalid=""
210                                 />
211                 <button class="pf-c-
button pf-m-control" type="button" aria-label="
Show password"
212                                     aria-controls
="password" data-password-toggle tabindex="4"
213                                     data-icon-show
="fa fa-eye" data-icon-hide="fa fa-eye-slash"
214                                     data-label-
show="Show password" data-label-hide="Hide
password">
215                                     <i class="fa fa-
eye" aria-hidden="true"></i>
216                                 </button>
217                 </div>
218
219             </div>
220
221         <div class="form-group login-
pf-settings">
222             <div id="kc-form-options">
223                 </div>
224                 <div class="">
225                 </div>
226
227             </div>
228
229
```

```
230         <div id="kc-form-buttons"
      class="form-group">
231             <input type="hidden" id
      ="id-hidden-input" name="credentialId" />
232             <input tabindex="7"
      class="pf-c-button pf-m-primary pf-m-block btn-lg
      " name="login" id="kc-login" type="submit" value="
      Sign In"/>
233         </div>
234     </form>
235 </div>
236 </div>
237     <script type="module" src="/idp/resources/
      799mj/login/pid-issuer/js/passwordVisibility.js
      "></script>
238
239
240
241
242
243         <div id="kc-info" class="login-pf-
      signup">
244             <div id="kc-info-wrapper" class
      ="">
245                 <div id="kc-registration-container">
246                     <div id="kc-registration">
247                         <span>New user? <a tabindex="8
      "
248 href="/idp/realms/pid-issuer-realm/login-actions/
      registration?client_id=wallet-dev&tab_id=
      zKvTROBKYH8">Register</a></span>
249                     </div>
250                 </div>
251
252             </div>
253         </div>
254     </div>
255 </div>
256
257 </div>
```

```

258 </div>
259 </body>
260 </html>
261
262 BODY END
263 13:08:15.779 [main] INFO io.ktor.client.HttpClient
    -- REQUEST: https://localhost/idp/realms/pid-
    issuer-realm/login-actions/authenticate?
    session_code=yzaXNCdLkErVbJx-
    9F7bDbwrnIFpuq0r6ELmzLsuBP8&execution=d53b5007-
    4b17-42b7-b60e-554a581d4beb&client_id=wallet-dev&
    tab_id=zKvTROBKYH8
264 METHOD: HttpMethod(value=POST)
265 COMMON HEADERS
266 -> Accept: application/json
267 -> Accept-Charset: UTF-8
268 -> Cookie: AUTH_SESSION_ID=5eb5d6ea-00fd-4040-b95a
    -1a8785e5a5a0; AUTH_SESSION_ID_LEGACY=5eb5d6ea-
    00fd-4040-b95a-1a8785e5a5a0; KC_RESTART=
    eyJhbGciOiJIUzUxMiIsInR5cCIgOiAiSldUIiwia2lkIiA6IC
    I3NTE3NzIzYy0wZDIyLTQwYWMtOTAyOS00MjRmMzFhNGQ3ZjYi
    fQ.
    eyJjaWQiOiJ3YWxsZXQtZGV2IiwicHR5Ijoib3BlbnlkLWNvbm
    5lY3QiLCJydXJpIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3Jl
    YWxtcy9waWQtaXNzdWVyLXJlYWxtL3Byb3RvY29sL29wZW5pZC
    1jb25uZWN0L29hdXRoL29vYiIsImFjdCI6IkhFTLRRJQ0FU
    RSI5Im5vdGVzIjp7InNjb3BlIjoiaXNzZXUuZXVyb3BhLmVjLmVlZG
    l3LnBpZF92Y19zZl9qd3QgZXUuZXVyb3BhLmVjLmVlZG13LnBp
    Zl9tc29fbWRvYyBvcmcuaXNvLjE4MDEzLjUuMS5tREwgb3Blbn
    lkIiwiaXNzIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3JlYWxt
    cy9waWQtaXNzdWVyLXJlYWxtIiwicmVzcG9uc2VfdHlwZSI6Im
    NvZGVuLCJjbGllbnRfcmluZV9wYXJhbG9wYXJlYXRlZC50aW1lIjoiaMTcxNzY3MjA5NTAxNCIsImNvZGVfY2hhbGxlbmdlX21ldGhvZCI6IlMyNTYiLCJyZWRpcmluZD91cmkiOiJ1cm46
    aWV0ZjZ3ZzpvYXV0aDoyLjA6b29iIiwic3RhdGU0iJVQVhFd1
    pSZUhrQ2EwV0NYc2piMTBlSXY4R2ZyY0FjSElQc2tnVjltRS1j
    IiwiY29kZV9jaGFsbGVuZ2UiOiJkdmdCYXZPME1KRHhkmZhsTV
    9hVTFBektKVLBWeFVXOURTUTdFUXA3WTE4In19.
    AAYBow3y64k49sR6ISd0HHonUPdFg_yaJqmdkQKlauNQIZKBtg
    KXdVS90hfDyawXgs_c6S2_JARLCGL6CXfDRA; SERVERUSED=
    server1

```



```

269 CONTENT HEADERS
270 -> Content-Length: 32
271 -> Content-Type: application/x-www-form-urlencoded
; charset=UTF-8
272 BODY Content-Type: application/x-www-form-
urlencoded; charset=UTF-8
273 BODY START
274 username=tneal&password=password
275 BODY END
276 13:08:16.399 [DefaultDispatcher-worker-11] INFO io
.ktor.client.HttpClient -- RESPONSE: 302 Found
277 METHOD: HttpMethod(value=POST)
278 FROM: https://localhost/idp/realms/pid-issuer-
realm/login-actions/authenticate?session_code=
yzaXNCdlkErVbJx-9F7bDbwrnIFpuq0r6ELmzLsuBP8&
execution=d53b5007-4b17-42b7-b60e-554a581d4beb&
client_id=wallet-dev&tab_id=zKvTROBKYH8
279 COMMON HEADERS
280 -> cache-control: no-store, must-revalidate, max-
age=0
281 -> content-length: 0
282 -> content-security-policy: frame-src 'self';
frame-ancestors 'self'; object-src 'none';
283 -> location: https://localhost/idp/realms/pid-
issuer-realm/protocol/openid-connect/oauth/oob?
state=UAXEwZReHkCa0WCXsjb10eIv8GfrcAcHIPskgV9mE-c&
session_state=5eb5d6ea-00fd-4040-b95a-1a8785e5a5a0
&iss=https%3A%2F%2Flocalhost%2Fidp%2Frealms%2Fpid-
issuer-realm&code=f3d0df60-1edc-4925-909b-
defdc5cc82b5.5eb5d6ea-00fd-4040-b95a-1a8785e5a5a0.
946f2917-2177-4a87-8e4f-463c6972819a
284 -> referrer-policy: no-referrer
285 -> set-cookie: KC_RESTART=;Version=1;Path=/idp/
realms/pid-issuer-realm/;Max-Age=0;
KEYCLOAK_IDENTITY=
eyJhbGciOiJIUzUxMiIsInR5cCI6ImlhbmVkaWkiLCJ1aW50IjoiA6IC
I3NTE3NzIzYy0wZDIyLTQwYWMtOTAyOS00MjRmMzFlNGQ3ZjYi
fQ.
eyJleHAiOiE3Mjc3MDgwOTYsImVkaWkiOiJlhcjY2YtYQzYTAvNzI5
MTU1IiwiaXNzIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3JlYW

```

285

```
xtcy9waWQtaXNzdWVyLXJLYWxtIiwic3ViIjoInjBiOGJhNWYt
YzczZi000Tc2LWIwZGEtNDhkMGU1MzMzNWRLIiwidHlwIjoIU2
VyaWFsaXplZC1JRCIsInNlc3Npb25fc3RhdGUiOiI1ZWI1ZDZl
YS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAiLCJzaWQiOi
I1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAi
LCJzdGF0ZV9jaGVja2VyIjoISHoxMmQtTkFmX19CclBoeHB0eH
JkQ0pxdXdCR2QtdGRTWEbnX04xQzhIWSJ9.2gGItJn-
hf9A0e9REx-
```

```
0QSuY5QPvVavnAHniFmCewiis6VyRRfqy0TCFqb1q3q6PHZm1e
0jUJmJAY-tDARVSRg;Version=1;Path=/idp/realms/pid-
issuer-realm/;Secure;HttpOnly;SameSite=None;
KEYCLOAK_IDENTITY_LEGACY=
eyJhbGciOiJIUzUxMiIsInR5cCI6IHNpdUUiIiwia2lkIiA6IC
I3NTE3NzIzYy0wZDIyLTQwYWMtOTAyOS00MjRmMzFlNGQ3ZjYi
fQ.
```

```
eyJleHAiOjE3MTc3MDgw0TYsImIhdCI6MTcxNzY3MjA5Niwiaw
RpIjoI0TczNGNhODMtY2JiMS00Y2IxLWE3Y2YtYTQzYTAwNzI5
MTU1IiwiaXNzIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3JLYW
xtcy9waWQtaXNzdWVyLXJLYWxtIiwic3ViIjoInjBiOGJhNWYt
YzczZi000Tc2LWIwZGEtNDhkMGU1MzMzNWRLIiwidHlwIjoIU2
VyaWFsaXplZC1JRCIsInNlc3Npb25fc3RhdGUiOiI1ZWI1ZDZl
YS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAiLCJzaWQiOi
I1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAi
LCJzdGF0ZV9jaGVja2VyIjoISHoxMmQtTkFmX19CclBoeHB0eH
JkQ0pxdXdCR2QtdGRTWEbnX04xQzhIWSJ9.2gGItJn-
hf9A0e9REx-
```

```
0QSuY5QPvVavnAHniFmCewiis6VyRRfqy0TCFqb1q3q6PHZm1e
0jUJmJAY-tDARVSRg;Version=1;Path=/idp/realms/pid-
issuer-realm/;HttpOnly; KEYCLOAK_SESSION="pid-
issuer-realm/60b8ba5f-c73f-4976-b0da-48d0e53335de/
5eb5d6ea-00fd-4040-b95a-1a8785e5a5a0";Version=1;
Path=/idp/realms/pid-issuer-realm/;Max-Age=36000;
Secure;SameSite=None; KEYCLOAK_SESSION_LEGACY="pid-
issuer-realm/60b8ba5f-c73f-4976-b0da-48d0e53335de
/5eb5d6ea-00fd-4040-b95a-1a8785e5a5a0";Version=1;
Path=/idp/realms/pid-issuer-realm/;Max-Age=36000
```

```
286 -> strict-transport-security: max-age=31536000;
includeSubDomains
```

```
287 -> x-content-type-options: nosniff
```

```
288 -> x-frame-options: SAMEORIGIN
```

289 -> x-robots-tag: none
290 -> x-xss-protection: 1; mode=block
291 BODY Content-Type: null
292 BODY START
293
294 BODY END
295 --> [AUTHORIZATION] Authorization code retrieved:
f3d0df60-1edc-4925-909b-defdc5cc82b5.5eb5d6ea-00fd-
-4040-b95a-1a8785e5a5a0.946f2917-2177-4a87-8e4f-
463c6972819a
296 13:08:16.432 [main] INFO io.ktor.client.HttpClient
-- REQUEST: https://localhost/idp/realms/pid-
issuer-realm/protocol/openid-connect/token
297 METHOD: HttpMethod(value=POST)
298 COMMON HEADERS
299 -> Accept: application/json
300 -> Accept-Charset: UTF-8
301 -> DPoP:
eyJ0eXAiOiJkcG9wK2p3dCIiImFsZyI6IkVMTmJlU2IiwiaWdrIj
p7Imt0eSI6IkVDIiwidXNlIjoic2lnIiwiaWY3J2IjoiUC0yNTYi
LCJraWQiOiI2NjBiMjViNS0yNDY5LTRiZWQtYmM1NC0yMjE3MG
ZmMmY1ZWYiLCJ4IjoiaWVwTk1fcjBxeGVZOWpKei05U0dKcm9D
dGFaRXh4d0pSQTRvTFBEM1RDSSIsInkiOiI3OUJoQlo4NmtDRj
hsZTk0aXVEaDZvOGpPRGpGODczMFA1S2VGefG2eEI0IiwiaWF0
IjoxNzE3Njc5MDkxfX0.
eyJodG0iOiJQTlNUIiwiaHR1IjoiaHR0cHM6Ly9sb2NhbGhvc3
QvaWRwL3JLYWxtcy9waWQtaXNzdWVyLXJLYWxtL3Byb3RvY29s
L29wZW5pZC1jb25uZWN0L3Rva2VuIiwiaWF0IjoxNzE3Njc5MD
k2LCJqdGkiOiJkTHNYUENyR2hGemt4cmJlIn0.vEtS-
9NK2x8iCnw5XiV-
lutJghMZ4DcdzVhbBwRuy2GWPFi3Hl9KHwYy9P_k-
ETmB8R34cI-GsA5vfl7_x07Jg
302 CONTENT HEADERS
303 -> Content-Length: 273
304 -> Content-Type: application/x-www-form-urlencoded
; charset=UTF-8
305 BODY Content-Type: application/x-www-form-
urlencoded; charset=UTF-8
306 BODY START
307 client_id=wallet-dev&grant_type=authorization_code
&code=f3d0df60-1edc-4925-909b-defdc5cc82b5.

325 I1ZDZLYS0wMGZkLTQwNDAtYjk1YS0xYtG30DVlNWE1YTAifQ.
gKdSNTiwA2WwmejNLJtR0Q6zcYgDj-
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ZDNhIiwiaXNzIjoiaHR0cHM6Ly9sb2NhbGhvc3QvaWRwL3JlYW
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325

IjoiSUQiLCJhenAi0iJ3YWxsZXQtZGV2Iiwic2Vzc2lvbl9zdG
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YTVhMCIsImF0X2hhc2gi0iJaRGticE1jZUg1TElWQjlUNk0wTG
VRIiwic2lkIjoiNWViNWQ2ZWEtMDBmZC00MDQwLWI5NWEtMWE4
Nzg1ZTVhNWewIn0.

X55rWQsqoF0Z7NLtHSYX0LiaIxN9z7Tnp7u8I84pni5X8RjVxU
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session_state": "5eb5d6ea-00fd-4040-b95a-
1a8785e5a5a0", "scope": "openid eu.europa.ec.eudiw.
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iso.18013.5.1.mDL"}

326 BODY END

327 --> [AUTHORIZATION] Authorization code exchanged
with access token :

eyJhbGciOiJSUzI1NiIsInR5cCI6IkpzZW50L3NpdCI6ImF0X2hhc2gi0iJaRGticE1jZUg1TElWQjlUNk0wTG
JQY2xZUDZ2UmsxTHBLRGZqU08yRGEzNXJtR1JmaTkzNjJdCjFJ
eUpmOHAwIn0.

eyJleHAiOiJlE3MTc2NzIzOTYsImIhdCI6MTcxNzY3MjA5NiwiYX
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MDdiLTRjODUtOTBlYy03OWIxYjMzNzY3MjA5NiwiOiJodH
RwczovL2xvY2FsaG9zdC9pZHAvcmlhbnQ6L3BpZC1pc3N1ZXIt
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c2NvcGUiOiJvcGVuaWQgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZl
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327

u40qZ70W04Jd2JUDyxf_XKXST0xQB0dSRcExdTCyfdUzt3QtVV
DrAjLGVVltjRgpB-SUSvk7vwLfdSIVBQ-
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9nUretYvJtdgkpYoffaG6aSrgCSq2bjvdr8If0av1wXV5wmBmQ
G2CwZ73NfV2J5jnPUxpatW17ko3U-
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328

--> [AUTHORIZATION] Authorization retrieved:
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ZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAiLCJhbGxvd2VklW9y
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G2CwZ73NfV2J5jnPUxpatW17ko3U-
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328

```
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```

```
w4AoKG0Q1Z9U5MoA24S9BLDxsKw3p7tpuReW0ZRA77oHqnoZsX  
TfxsQskUw2U3-I7_WoD4r3C11t1b1ybpIyA),  
credentialIdentifiers={})
```

```
329 --> [ISSUANCE] Requesting issuance of '  
CredentialConfigurationIdentifier(value=eu.europa.  
ec.eudiw.pid_vc_sd_jwt)'
```

```
330 13:08:16.711 [main] INFO io.ktor.client.HttpClient  
-- REQUEST: https://localhost/pid-issuer/wallet/  
credentialEndpoint
```

```
331 METHOD: HttpMethod(value=POST)
```

```
332 COMMON HEADERS
```

```
333 -> Accept: application/json
```

```
334 -> Accept-Charset: UTF-8
```

```
335 -> Authorization: DPoP
```

```
eyJhbGciOiJSUzI1NiIsInR5cCI6IkpzZW50L3N1bWVudC0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.  
JQY2xZUDZ2UmsxTHBLRGZqU08yRGEzNXJtR1JmaTkzNjJkZCJFJF  
eUpmOHAwIn0.
```

```
eyJleHAiOjE5MTEzOTYsImVudCI6ImF6cCI6IndhbGxldC1kZXkiLCJzZXNzaW9uX3N0YXRRIjoiaNWViNWQ2ZWVtMDBmZC00MDQwLWI5NWVtMWE4Nzg1ZTVhNWVtIiwiaWY25mIjp7ImprdCI6InNmM3g1aWd1T0hYNG1URHpQeFRKbzBXWGV00FVo0UM3SmFSb2ZGaEdYaU0ifSwic2NvcGU0iJvcGVuaWQgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF92Y19zZF9qd3QgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF9tc29fbWRvYyBvcmcuaXNvLjE4MDEzLjUuMS5tREwiLCJzaWQiOiI1ZWl1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.  
JQY2xZUDZ2UmsxTHBLRGZqU08yRGEzNXJtR1JmaTkzNjJkZCJFJF  
eUpmOHAwIn0.
```


335

c2NvcGUi0iJvcGVuaWQgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF
92Y19zZF9qd3QgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF9tc29f
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I1ZDZlYS0wMGZkLTQwNDAuYjYk1YS0xYTg3ODVlNWE1YTAifQ.
gKdSNTiwA2WwmejNlJtR0Q6zcygDj-
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9nUretYvJtdgkpYoffaG6aSrgCSq2bjvdr8If0av1wXV5wmBmQ
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336 -> DPoP:

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QvcG1kLWlzc3Vlci93YWxsZXQvY3JlZGVudG1hbEVuZHBvaW50
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F0SkFPMk5scy1qNURuSSIsImldhdCI6MTcxNzY3MjA5NiwiianRp
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UpBCEIMBH7cwI5CpiMV5sC2SmHGxAFK_nerGki6GAbM5wWLVhA
dBLRF60Zyw8PCUX6WSSkDEbiqwEfyq6HBA

337 CONTENT HEADERS

338 -> Content-Length: 587

339 -> Content-Type: application/json

340 BODY Content-Type: application/json

341 BODY START

342 {"format":"vc+sd-jwt","vct":"eu.europa.ec.eudiw.
pid.1","credential_response_encryption":{"jwk":{"
kty":"RSA","e":"AQAB","use":"enc","kid":"843318e1-
1193-4755-b01d-2b6d6d939c2c","iat":1717672094,"n
":"48CtQn2oXyAdMVFKohorweZfySxkrI-
IX5wkhg1KMihMlz9D-
1YrbLZSsIqkAxv5XKlpMZTcPjjWmLTJ4Gwuah2XMXUNi53dUpV
gzDJDSZPFrgIuHzlndJp7SD0j4yYkFv0jGFHf0jDLvHXZS-

```
342 9Wd2VT3GeihrGYHu9zw18jehnW3d4q_e3Z-
    LUPs_l7lh_QQ0_0IIRZEysAboci6VtklQwzexn-hby-
    rPDho12NlNcNb5csb7v3qeMVau0VYJSIhqKIk4hxcB20dkogo2
    eLV6K2MWGB0EBNebPZF-
    0Do0FQtYomMDVCapsuWufDYcKwrTLchGRE30GjPnurhd-vHw
    "}, "alg": "RSA-0AEP-256", "enc": "A128CBC-HS256"}}
```

```
343 BODY END
344 13:08:17.846 [DefaultDispatcher-worker-5] INFO io.
    ktor.client.HttpClient -- RESPONSE: 400 Bad
    Request
345 METHOD: HttpMethod(value=POST)
346 FROM: https://localhost/pid-issuer/wallet/
    credentialEndpoint
347 COMMON HEADERS
348 -> cache-control: no-cache, no-store, max-age=0,
    must-revalidate
349 -> content-length: 177
350 -> content-type: application/json
351 -> expires: 0
352 -> pragma: no-cache
353 -> referrer-policy: no-referrer
354 -> set-cookie: SERVERUSED=server1; path=/
355 -> strict-transport-security: max-age=31536000 ;
    includeSubDomains
356 -> x-content-type-options: nosniff
357 -> x-frame-options: DENY
358 -> x-xss-protection: 0
359 BODY Content-Type: application/json
360 BODY START
361 {"error": "invalid_proof", "error_description": "The
    Credential Request must include Proof of
    Possession", "c_nonce": "fcd5a0d6-d7c6-410b-bb84-
    a736171d9e4d", "c_nonce_expires_in": 300}
```

```
362 BODY END
363 13:08:17.884 [main] INFO io.ktor.client.HttpClient
    -- REQUEST: https://localhost/pid-issuer/wallet/
    credentialEndpoint
364 METHOD: HttpMethod(value=POST)
365 COMMON HEADERS
366 -> Accept: application/json
367 -> Accept-Charset: UTF-8
```

368 -> Authorization: DPoP
 eyJhbGciOiJSUzI1NiIsInR5cCIgOiAiSldUIiwia2lkIiA6ICJQY2xZUDZ2UmsxTHBLRGZqU08yRGEzNXJtR1JmaTkzNjJdCjFJeUpmOHAwIn0.
 eyJleHAiOiE3MTc2NzIzOTYsImIhdCI6MTcxNzY3MjA5NiwiYXV0aF90aW1lIjoxNzE3NjcyMDk2LCJqdGkiOiIyMWQ5ZjhiZC1jMDdiLTRjODUtOTBLYy03OWIxYjMzNzY3MjA5ZTk1LCJpc3MiOiJodHRwczovL2xvY2FsaG9zdC9pZHAvcjVhbG1zL3BpZC1pc3N1ZXItcmVhbG0iLCJzdWIiOiI2MGI4YmE1Zi1jNzNmLTQ5NzYtYjBkYS00OGQwZTUzZmM1ZGU1LCJ0eXAiOiJEUG9QIiwiaXpwIjoic2FsY2V0LWRLdiIsInNlc3Npb25fc3RhdGU1Ii1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAiLCJhbGxvd2VklW9yaWdpbnMiOiIsiLyoiXSwiY25mIjp7ImprdCI6InNmM3g1aWd1T0hYNG1URHpQeFRKbzBXWGV0OFVo0UM3SmFSb2ZGaEdYaU0ifSwic2NvcGU1IjVvcGVuaWQgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZl92Y19zZl9qd3QgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZl9tc29fbWRvYyBvcnVlcjE4MDEzLjUuMS5tREwiLCJzaWQiOiI1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.
 gKdSNTiwA2WwmejNlJtR0Q6zcYgDj-
 u40qZ70W04Jd2JUDyxf_XKXST0xQB0dSRcExdTCyfdUzt3QtVV
 DrAjLGVVltjRgpB-SUSvk7vwLfdSIVBQ-
 mGPrwxVjaUuIWPczewtEWVxduE2DYCwAIXLYMjy4Jtdo_u80os
 eTvfrYIG8UY1Ha003YD1yNVob06JaZ9wwNvtRMqv0yM9MLFCue
 9nUretYvJtdgkpYoffaG6aSrgCSq2bjvdr8If0av1wXV5wmBmQ
 G2CwZ73NfV2J5jnPUxpatW17ko3U-
 JF1Qh7oZ50WV48i3vUNZ3eHXJiHHgxo5IB9UhCFpDQHZ5wJJ6A

369 -> DPoP:
 eyJ0eXAiOiJkY2p3dCI6MTcxNzY3MjA5NiwiYXV0aF90aW1lIjoxNzE3NjcyMDk2LCJqdGkiOiIyMWQ5ZjhiZC1jMDdiLTRjODUtOTBLYy03OWIxYjMzNzY3MjA5ZTk1LCJpc3MiOiJodHRwczovL2xvY2FsaG9zdC9pZHAvcjVhbG1zL3BpZC1pc3N1ZXItcmVhbG0iLCJzdWIiOiI2MGI4YmE1Zi1jNzNmLTQ5NzYtYjBkYS00OGQwZTUzZmM1ZGU1LCJ0eXAiOiJEUG9QIiwiaXpwIjoic2FsY2V0LWRLdiIsInNlc3Npb25fc3RhdGU1Ii1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.
 eyJodG0iOiJjQ1NUIiwiaHR1IjoiaHR0cHM6Ly9sb2NhbGhvc3Qvc6lkLWlzc3VlcjE3YXNlc3QvY3JlZGVudG1hbEVuZHBvaW50IiwiaXpwIjoic2FsY2V0LWRLdiIsInNlc3Npb25fc3RhdGU1Ii1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.
 F0SkFPMk5scY1qNURuSSIsImIhdCI6MTcxNzY3MjA5NiwiYXV0aF90aW1lIjoxNzE3NjcyMDk2LCJqdGkiOiIyMWQ5ZjhiZC1jMDdiLTRjODUtOTBLYy03OWIxYjMzNzY3MjA5ZTk1LCJpc3MiOiJodHRwczovL2xvY2FsaG9zdC9pZHAvcjVhbG1zL3BpZC1pc3N1ZXItcmVhbG0iLCJzdWIiOiI2MGI4YmE1Zi1jNzNmLTQ5NzYtYjBkYS00OGQwZTUzZmM1ZGU1LCJ0eXAiOiJEUG9QIiwiaXpwIjoic2FsY2V0LWRLdiIsInNlc3Npb25fc3RhdGU1Ii1ZWI1ZDZlYS0wMGZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAifQ.
 9MNcYQK6Z_qpQq2pR1cNjcIUMaMKMvbeZpnZ2MLT5L5Nt-H2-P7cw_Cjsos8CLD5m1Icir2Y9Gspzf9LVU0Zew

```
370 CONTENT HEADERS
371 -> Content-Length: 1795
372 -> Content-Type: application/json
373 BODY Content-Type: application/json
374 BODY START
375 {"format":"vc+sd-jwt","vct":"eu.europa.ec.eudiw.
pid.1","proof":{"proof_type":"jwt","jwt":"
eyJ0eXAiOiJvcGVuaWQ0dmNpLXByb29mK2p3dCI6ImFsZyI6IiL
JTMjU2IiwiaWdrIjpwIjpwIjpwIjpwIjpwIjpwIjpwIjpwIjpw
dXNlIjoic2lnIiwiaWdrIjpwIjpwIjpwIjpwIjpwIjpwIjpwIjpw
k20DIitN2MzNzRlYmRjNTdiIiwiaWF0IjoxNzE3NjcyMDkxLzE3
Ijoid1BlTVFYaVRoNEJZQVZzSTZfLUpIMm10SDBQRGFFNENQRm
hZZXNrWnllLUdDY09PU0EwaHh1cDZWdHQ1X0MxaWdxTGN2Tnpf
eXBtQTZJbW5qRVRsU3VneTY2U19RNlJJJaEhrY2ptS1liSzR5VG
t3WXBPQm5rWDdGT3kxZGpQVnMyc1JCa2hVRmsxcnpUNU43dF9o
R1RpcHJ2VFhNNjFZT3lfclXM5UWZ0UUtldXk5aTNkQWNkTk9SMz
V5M2xSSnFJeVRRUzZCN1dGTVMcnkzckdx0URyZWVobG9MQzVo
Y0lMVTkzWFhMVC1hZGdKbEJacVQ1b3Q2MndqaEdLcU1oaJFPcz
g0VUhcM090dUlZdkJVenNpRm1YWW4tZEtsVjFuZVJJSgY1pm
U3pvMjh3ak9sd3laUzY4YXVQdGdqeWFEdzNDNjF0NlNkSWtWNk
l6d2s1eC13In19.
eyJpc3MiOiJ3YXsZXQtZGV2IiwiaXVkiIjoiaHR0cHM6Ly9sb2
NhbGhvc3QvcGllLWlzc3VlciIsIm5vbmNlIjoizmNkNWewZDYt
ZDdjNi00MTBiLWJiODQtYTczNjE3MzQ5ZTRkIiwiaWF0IjoxNz
E3NjcyMDk3fQ.
mGTyH08P52btGnGvLCYFbc60pavDCxBq5QMUsmdTxoIL66AbYr
x_7IRDQ0sTZxvWbIhXLyG60XayKWXb4DVdD_8nEAZ6uEXNRNBp
EdeLFKP3nkm8nhK_x1UrT2sagJWj7vcIaFV1vfYgzjjsJgjiZQ
ynru5a1KdN0w4cvoIJfZ0vNIId-
ZIP0uk1HERgrBfiPIEoAr8DuLaxnDC2Tq6Uoq8GYaHwgVRtI-
1Ggi0CN6NuSZnkMaQRZiDl0Bno1DQLr6u6VZhEks8lJpck_rix
eDQ5LcivoMRVWnehXU-
kNjRCU7egYVvk_vDdz69xUy0uyzdJNW7UKYyeAmSEfWEo-ehg
"}, "credential_response_encryption":{"jwk":{"kty
":"RSA","e":"AQAB","use":"enc","kid":"843318e1-
1193-4755-b01d-2b6d6d939c2c","iat":1717672094,"n
":"48CtQn2oXyAdMVFKohorweZfySxkrI-
IX5wkhg1KMihMlz9D-
1YrbLZSsIqkAxv5XKlpMZTcPjjWmLTJ4Gwuah2XMXUNi53dUpV
gzDJDSZPfRGIuHzlndJp7SD0j4yYkFv0jGFHF0jDLvHXZS-
9Wd2VT3GeihrGYHu9zw18jehnW3d4q_e3Z-
```

```
375 LUPs_l7lh_QQ0_0IIrZEysAboci6VtklQwzexn-hby-  
rPDho12NlNcNb5csb7v3qeMVau0VYJSIhqKI4hxcB20dkogo2  
eLV6K2MWGB0EBNebPZF-  
0Do0FQtYomMDVCapsuWufDYcKwrTLchGRE30GjPnurhd-vHw  
"}, "alg": "RSA-0AEP-256", "enc": "A128CBC-HS256"}  
376 BODY END  
377 13:08:20.818 [DefaultDispatcher-worker-5] INFO io.  
ktor.client.HttpClient -- RESPONSE: 200 OK  
378 METHOD: HttpMethod(value=POST)  
379 FROM: https://localhost/pid-issuer/wallet/  
credentialEndpoint  
380 COMMON HEADERS  
381 -> cache-control: no-cache, no-store, max-age=0,  
must-revalidate  
382 -> content-length: 1386  
383 -> content-type: application/json  
384 -> expires: 0  
385 -> pragma: no-cache  
386 -> referer-policy: no-referrer  
387 -> set-cookie: SERVERUSED=server1; path=/  
388 -> strict-transport-security: max-age=31536000 ;  
includeSubDomains  
389 -> x-content-type-options: nosniff  
390 -> x-frame-options: DENY  
391 -> x-xss-protection: 0  
392 BODY Content-Type: application/json  
393 BODY START  
394 eyJraWQiOiI4NDMzMThlMS0xMTkzLTQ3NTUtYjAxZC0yYjZkNm  
Q5MzljMmMiLCJ0eXAiOiJKV1QiLCJlbmMiOiJBMTI4Q0JDLUhT  
MjU2IiwiaWxnIjoiUlNBLU9BRVAtMjU2IiwiaWVudCIjoiZW5jIiwiaWF0Ijoi  
ODQzMzE4ZTEtMTE5My00NzU1LWlwMWQtMmI2ZDZkOTM5YzJjIiwiaWF0Ijoi  
S29ob3J3ZVpmeVN4a3JlLWlYNXdraGcxS01paE1sej1ELTFZcm  
JMWlNzSXFrcXh2NVhLbHBNWlRjUGpqV21sVEo0R3d1YWgyWE1Y  
VU5pNTNkVXBWZ3pESkRTWlBmUkdJdUh6bG5kSnA3U0QwajR5WW  
tGdk9qR0ZIZjBqREx2SFhaUy05V2QyVlQzR2VpaHJHWHU10Xp3  
MThqZWVzNkNHFFZTNaLUxVUHNfbDdsaf9RUU9fMELJc1pFeX  
NBYm9jaTZWdGtsUXd6ZXhuLWhieS1yUERobzEyTmx0Y05iNWNz  
Yjd2M3FLTvZhdTBWwUpTSWhxS0lrNGh4Y0IyMGRrb2dvMmVsVj  
ZLMk1XR0IwRUJ0ZWJQWkYtMERvT0ZRdFlvbU1EVkNhcn1V3Vm
```

```
394 RFLjs3dyVExjaEdSRTNPR2pQbnVyaGQtdkh3In19.  
cHE3bk5AzSsEUiTXq_Sa4NyD57SEhh_QLmpdzY-  
ILVeiF67AH351qeTGpbSrmpPBPcJ1J0bWVJs9uGU630xaQ09bw  
C4MF58w0cScL7EJzA2vWvcBjoUjDhqRjB0pZobs0GBrYvRzVLx  
Mjvltc9LF3xpZMfj2yuQX9pyyU0Ig0L3jbKIh8jSi5-  
v69EpdPCIaDH1I3tmNIkeTFwfuurPntQgV5MkULZaw1Y5SJRo2  
AnLWQD9A78P0YtM0nEn54z1Sp0M60tDarggYbk0h_Cd_I8sgae  
owWkplkgaGrRAvLD1-JiS1Kuf_f6HtW7ZUEcn7Qi040Xw3-  
ZZLnBSsHpzrTw.c0Aec0UNhYtBmfQXd86pIQ.  
cMTduris_rwdWIphk-DztMW_ZTc8TZgLNGB0Ru047cNVm-  
g2mqi0NSY96yKhsq2a7GW7xMTvdLbK0UQheyjR1RgLeXLg6YU1  
A2WLSUpEtXmZFMfRp4VDw2H6V0tcisJup_yBOVkihCCxEyJz0v  
EkGKZj_l0dV-  
RWzRWZFeC5VvqrY6zNPEHj6rJ_mIf9WXBBRqHG9EqC-  
79WEjwA1r35M83qIn0IyEgB4A0Jb8-  
G6oAvu9NdxVEQG5P7j3LeQXW.xjzw0qyEHFBHx0R7Ng9DKQ  
395 BODY END  
396 --> [ISSUANCE] Got a deferred issuance response  
from server with transaction_id 272ffb63-b207-4812  
-9a90-18fa4f2f1b13. Retrying issuance...  
397 13:08:20.889 [main] INFO io.ktor.client.HttpClient  
-- REQUEST: https://localhost/pid-issuer/wallet/  
deferredEndpoint  
398 METHOD: HttpMethod(value=POST)  
399 COMMON HEADERS  
400 -> Accept: application/json  
401 -> Accept-Charset: UTF-8  
402 -> Authorization: DPoP  
eyJhbGciOiJSUzI1NiIsInR5cCIgOiAiSldUIiwia2lkIiA6IC  
JQY2xZUDZ2UmsxTHBLRGZqU08yRGEzNXJtR1JmaTkzNjJdCjFJ  
eUpmOHAwIn0.  
eyJleHAiOjE3MTc2NzIzOTYsImIhdCI6MTcxNzY3MjA5NiwiYX  
V0aF90aWw1IjoxNzE3NjcyMDk2LCJqdGkiOiIyMWQ5ZjhiZC1j  
MDdiLTRjODUtOTBLYy03OWIxYjMzNzY3MjA5NiwiYXV0aF90aWw1  
RwczovL2xvY2FsaG9zdC9pZHAvcmlhbnQ1Z3BpZC1pc3N1ZXIt  
cmVhbG0iLCJzdWIiOiI2MGI4YmE1Zi1jNzNmLTQ5NzYtYjBkYS  
000GQwZTUzMzZGUuLCJ0eXAiOiJEUG9QIiwiaXpwIjoid2Fs  
bGV0LWRLdiIsInNlc3Npb25fc3RhdGUiOiI1ZWZlZDZlYS0wMG  
ZkLTQwNDAtYjk1YS0xYTg3ODVlNWE1YTAiLCJhbGxvd2VklW9y  
aWdpbnMiOlsiLyoiXSwiY25mIjp7ImprdCI6InNmM3g1aWd1T0  
hYNG1URHpQeFRKbzBXWGV00FVo0UM3SmFSb2ZGaEdYaU0ifSwi
```

402

c2NvcGUi0iJvcGVuaWQgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF
 92Y19zZF9qd3QgZXUuZXVyb3BhLmVjLmV1ZG13LnBpZF9tc29f
 bWRvYyBvcmcuaXNvLjE4MDEzLjUuMS5tREwiLCJzaWQi0iI1ZW
 I1ZDZlYS0wMGZkLTQwNDAuYjYk1YS0xYTg3ODVlNWE1YTAifQ.
 gKdSNTiwA2WwmejNlJtR0Q6zcyGdj-
 u40qz70W04Jd2JUDyxf_XKXST0xQB0dSRcExdTCyfdUzt3QtVV
 DrAjLGVVltjRgpB-SUSvk7vwLfdSIVBQ-
 mGPrwxVjaUuIWPczewtEWVxduE2DYCwAIXLYMjy4Jtdo_u80os
 eTvfryIG8UY1Ha003YD1yNVob06JaZ9wwNvtRMqv0yM9MLFCue
 9nUretYvJtdgkpYoffaG6aSrgCSq2bjvdr8If0av1wXV5wmBmQ
 G2CwZ73NfV2J5jnPUxpatW17ko3U-
 JfLQh7oZ50WV48i3vUNZ3eHXJiHHgxo5IB9UhCFpDQHZ5wJJ6A

403 -> DPoP:

eyJ0eXAI0iJkcg9wK2p3dCIsImFsZyI6IkVtMjU2IiwiaWdrIj
 p7Imt0eSI6IkVdIiwidXNlIjoic2lnIiwiaWY3J2IjoiiUC0yNTYi
 LCJraWQi0iI2NjBiMjViNS0yNDY5LTRiZWQtYmM1NC0yMjE3MG
 ZmMmY1ZWYiLCJ4IjoiiNlVwTk1fcnBxeGVZOWpKei05U0dKcm9D
 dGFaRXh4d0pSQTRvTFBEM1RDSSIsInki0iI3OUJoQlo4NmtDRj
 hsZTk0aXVEaDZv0GpPRGpG0DczMFA1S2VGeFg2eEI0IiwiaWF0
 IjoixNzE3NjcyMDkxX0.

eyJodG0i0iJQT1NUIiwiaHR1IjoiaHR0cHM6Ly9sb2NhbGhvc3
 QvcG1kLWlzc3Vlci93YWxsZXQvZGVmZXJyZWRFbmRwb2ludCIs
 ImF0aCI6IlpEa2JwTWNlSDVMSVZCOVQ2TTBMZVR4enN1bmQxdE
 pBTzJ0bHMtajVEbkkilCJpYXQi0jE3MTc2NzIxMDAsImp0aSI6
 InVWRUtyNlBIXzV2cTc4X0IifQ.

8E8t0nZgQ94LGuLuFxpE90HE9b33uz6gNYJL3H-

6LPQsjN9i0Q4LTfrmrUMCIT4NxVQZ5aV9aqPvVoqcDVowg

404 CONTENT HEADERS

405 -> Content-Length: 57

406 -> Content-Type: application/json

407 BODY Content-Type: application/json

408 BODY START

409 {"transaction_id":"272ffb63-b207-4812-9a90-
 18fa4f2f1b13"}

410 BODY END

411 13:08:21.051 [DefaultDispatcher-worker-11] INFO io
 .ktor.client.HttpClient -- RESPONSE: 200 OK

412 METHOD: HttpMethod(value=POST)

413 FROM: https://localhost/pid-issuer/wallet/
 deferredEndpoint

```
414 COMMON HEADERS
415 -> cache-control: no-cache, no-store, max-age=0,
    must-revalidate
416 -> content-length: 2811
417 -> content-type: application/json
418 -> expires: 0
419 -> pragma: no-cache
420 -> referer-policy: no-referrer
421 -> set-cookie: SERVERUSED=server1; path=/
422 -> strict-transport-security: max-age=31536000 ;
    includeSubDomains
423 -> x-content-type-options: nosniff
424 -> x-frame-options: DENY
425 -> x-xss-protection: 0
426 BODY Content-Type: application/json
427 BODY START
428 {"credential": "
    eyJ0eXAiOiJ2YytzZC1qd3QiLCJhbGciOiJFUzI1NiJ9.
    eyJfc2QiOiJlZmVudUQzZzFtUEpjWDE3cTMzNE8zUWt1eHpZTDN4a0
    JLNU00Yzk4RUxNeXpjMCIIsIl9ZaGZxUUNGBvdbWllj0XBtdU1X
    WWwyM2pLYjc5cU1FVFgwZXR2VWkiLCJTN3dodE9ldkRNRU
    lBN3dGZmU00TNYWjFUWnc5QUhXX09CaGstQ0I3TW80IiwiSDhp
    NWZST3lxTkwt0GJFSlJlXy1yekI5dk14aTBvWjdNc1JDT04wdk
    tUQSIIsIlldQMXFEQ1RLNlVmbY1lUF9NUGtoTllhN25xdkhFYUJz
    OHow0EZvUUQ0ZzQiLCJiYmhuUVkMyOUVubmd1eDdCRE5nN0FyTW
    hW0Fk5TU9Fc05vbF9sRTNrdVBZiIiwibEQ3V0Fq0TY2YXRNMlB5
    MHJVOFB0ZDdwVnd0V0RQRFVYb19LQm9INUVfbyIsImxoVFNlaW
    EySXFNeVNDM1ZVbzVXRXV0akR4ejFrb2p2S0Y0WVRnb000Rmsi
    XSwidmN0IjoizXUuZXVyb3BhLmVjLmV1ZG13LnBpZC4xIiwiX3
    NkX2FsZyI6InNoYTMtMjU2IiwiiaXNzIjoiaHR0cHM6Ly9sb2Nh
    bGhvc3Qvc6lkLWlzc3VlciIsImNuZiI6eyJqd2si0nsia3R5Ij
    oiUlNBIiwiZSI6IkFRQUIiLCJ1c2UiOiJzaWciLCJraWQiOiIx
    YTMwNzY5Yi1hYjBhLTRiMwItOTY4Mi03YzZM3NGVlZGM1N2IiLC
    JpYXQiOiJlZmVudUQzZzFtUEpjWDE3cTMzNE8zUWt1eHpZTDN4a0
    Nl8tSkgyaU5IMFBYU0Q1BGaFl1c2taeWUtR0NjT09TQTBoeH
    VwNlZ0dDVfQzFqV3FMZ3Z0e195cG1BNkltbWpFVGxTdWd5NjZT
    X1E2UkloSGtjam1LWWJLNHlUa3dZcE9CbmtYN0ZPeTFka1BWcz
    JyUkIjraFVGazFye1Q1Tjd0X2hHVGlwcnZUWE02MVlPeV9xcz1R
    Zk5RS2J1d3lpM2RBY2R0T1IzNXkzbFJKcUl5VFFTNkI3V0ZNVk
    xyeTNYR3E5RHJlZWhsb0x0DNWhjSUxvOTNYWExULWFKZ0psQlpx
    VDVvdDYyd2poR0txTWhqMU9z0DRVSEIzT3R1SVl2QlV6c2lGbv
```


428

hZbi1kS2xWMW5lUklIaEZjWmZTem8y0HdqT2x3eVpTNjhhdVB0
Z2p5YUR3M0M2MXQ2U2RJa1Y2SXp3azV4LXcifX0sImV4cCI6MT
cyMDI2NDEwMCwiaWF0IjoxNzE3NjcyMTAwLCJhZ2VfZXF1YWxf
b3Jfb3ZlciI6eyJfc2Qi0lksiRWlyUxFWmpyTXBVT3l1THhxMG
V3SlFyTnc2R2R1SFE2NVBrNlB6Z0xzayJdfX0.uQBmKdhI0DPH
-

ay_qQ8XnJpW5X2h80yWR4ic0039D0aiKCBeHjqIhnHM4f3MCwm
2RNRyah1rt36Tlr07S-NhHg~

WyJYTlRDckxGbmRsYldQemxDTDNGamNRIiwiAXNzdWFuY2VfZG
F0ZSIsIjIwMjQtMDYtMDYiXQ~

WyJRSEk3d0FsQ1IxQkhBSGp5T2RCN0t3IiwiZ2l2ZW5fbmFtZS
IsIlR5bGVyIl0~

WyJ1a21GWGxjVFJsMVRTUWU1UHhLZDd3IiwiZmFtaWx5X25hbW
UiLCJOZWFsIl0~

WyJwa0hCYVNxcDk3QTlPZ0VuSE5PYnVRIiwiYmlydGhkYXRlIi
wiMTk1NS0wNC0xMiJd~

WyJtZkRCTWFCZDQ4YXBVbXkxR1ZJZENBIiwiMTgiLHRydWVd~

WyJrT0htQld4QThpbUuszUEFNcXBDVzVRIiwiZ2VuZGVyIiwxXQ
~

WyJReWZ1QXlVYVNZOHJp0VA1bzZxM3FRIiwiYWdlX2luX3llYX
JzIiwx0TU1XQ~

WyJRTDVRv0JMTkV6NmZ5M3ZyX0lybkN3IiwiYmlydGhkYXRlX3
llyXIiLCIx0TU1Il0~

WyJf0XFMVUttdkVNMTFsekJHUFQRQU01nIiwiY291bnRyeSIsIk
FUIl0~

WyJuRkRxs010cWl6U2VJN0lTty1IdEtRIiwicmVnaW9uIiwiTG
93ZXIgcXVzdHJpYSJd~

WyI1Z1NBRWJk0WRNdTNldkNSRjFyX1J3IiwibG9jYWxpdkhkiLC
JHZW1laW5kZSBCaWJlcmJhY2giXQ~

WyJhMzh4UEExSWwtCSHJCZDVKTG54cl9BIiwicG9zdGFsX2NvZG
UiLCIzMzMxIl0~

WyJ4SnJrc29Id1ZJMU5mZndpeE9Mc3VRIiwic3RyZWV0X2FkZH
Jlc3MiLCIxMDEgVHJhdW5lciJd~

WyJVtjgtVkj9JbW1FZVkyVdtUmJMenNBIiwiYWRkcmVzcyIsey
Jfc2Qi0lksiX09NVXhpMy1sV0h10EdUaTBqdkxnRnLWMVZEYl9U
TnZ0UFZ0ZUdtWmk0SSIsIjhTdGNh0XprNDJabGhmLXZf0TJtal
ZPUFV0RFljb3V3LWxqcckxKVVNPU1EiLCI2LU1nTW5UVFlZYkFW
YkVaZjAwQ0JseXVBc0swRFFVYl9DLUhvZEFBN3BVIiwidFgtRz
hHd1VyeUpyRFgzS3E1RGFfxSHhRU1E4eE9LbkZRUXd0dmwxN3FZ
RSIsIjZMajZ4ZUtCd1I2dWhsbmJfQ29sS2dYUnRlQWxVMHFDYU

```
428 hYcUpoRU1YcEUiXX1d~", "notification_id": "5bf56f4b-
4359-4d27-9f18-a3996ad2ab4a"}
429 BODY END
430 Exception in thread "main"
      InvalidResponseType(expectedContentType=
application/json, invalidContentType=application/
json)
431     at eu.europa.ec.eudi.openid4vci.internal.http.
IssuanceServerClientKt.ensureContentType(
IssuanceServerClient.kt:195)
432     at eu.europa.ec.eudi.openid4vci.internal.http.
IssuanceServerClientKt.access$ensureContentType(
IssuanceServerClient.kt:1)
433     at eu.europa.ec.eudi.openid4vci.internal.http.
IssuanceServerClient.
placeDeferredCredentialRequest-BWLJW6A(
IssuanceServerClient.kt:278)
434     at eu.europa.ec.eudi.openid4vci.internal.http.
IssuanceServerClient$placeDeferredCredentialReques
t$1.invokeSuspend(IssuanceServerClient.kt)
435     at kotlin.coroutines.jvm.internal.
BaseContinuationImpl.resumeWith(ContinuationImpl.
kt:33)
436     at kotlinx.coroutines.DispatchedTask.run(
DispatchedTask.kt:108)
437     at kotlinx.coroutines.EventLoopImplBase.
processNextEvent(EventLoop.common.kt:280)
438     at kotlinx.coroutines.BlockingCoroutine.
joinBlocking(Builders.kt:85)
439     at kotlinx.coroutines.BuildersKt__BuildersKt.
runBlocking(Builders.kt:59)
440     at kotlinx.coroutines.BuildersKt.runBlocking(
Unknown Source)
441     at kotlinx.coroutines.BuildersKt__BuildersKt.
runBlocking$default(Builders.kt:38)
442     at kotlinx.coroutines.BuildersKt.
runBlocking$default(Unknown Source)
443     at eu.europa.ec.eudi.openid4vci.examples.
WalletInitiatedIssuanceUsingAuthorizationFlowKt.
runUseCase-dmiUjD0(
WalletInitiatedIssuanceUsingAuthorizationFlow.kt:
```

```
443 29)
444     at eu.europa.ec.eudi.openid4vci.examples.
      WalletInitiatedIssuanceUsingAuthorizationFlowKt$ma
      in$1.invokeSuspend(
      WalletInitiatedIssuanceUsingAuthorizationFlow.kt:
      23)
445     at kotlin.coroutines.jvm.internal.
      BaseContinuationImpl.resumeWith(ContinuationImpl.
      kt:33)
446     at kotlinx.coroutines.DispatchedTask.run(
      DispatchedTask.kt:108)
447     at kotlinx.coroutines.EventLoopImplBase.
      processNextEvent(EventLoop.common.kt:280)
448     at kotlinx.coroutines.BlockingCoroutine.
      joinBlocking(Builders.kt:85)
449     at kotlinx.coroutines.BuildersKt__BuildersKt.
      runBlocking(Builders.kt:59)
450     at kotlinx.coroutines.BuildersKt.runBlocking(
      Unknown Source)
451     at kotlinx.coroutines.BuildersKt__BuildersKt.
      runBlocking$default(Builders.kt:38)
452     at kotlinx.coroutines.BuildersKt.
      runBlocking$default(Unknown Source)
453     at eu.europa.ec.eudi.openid4vci.examples.
      WalletInitiatedIssuanceUsingAuthorizationFlowKt.
      main(WalletInitiatedIssuanceUsingAuthorizationFlow
      .kt:22)
454     at eu.europa.ec.eudi.openid4vci.examples.
      WalletInitiatedIssuanceUsingAuthorizationFlowKt.
      main(WalletInitiatedIssuanceUsingAuthorizationFlow
      .kt)
455
456 Process finished with exit code 1
457
```