ebsi
European Blockchain

EU-EBSI-SUPPORT

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Date: 2023.08.08 11:43:03 +02'00'

EBSI Conformance Test Report

Teknei TI - Teknei EBSI Wallet 3.0

07/08/2023

DID

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The terms and conditions applicable to this report are described in the Service Offering Description document available here.

1.Summary of the report

This report certifies the conformance of Teknei EBSI Wallet 3.0 distributed by Teknei TI to the EBSI specifications v3.0.0 on 07/08/2023.
The results and details of the tests can be found hereunder:

Test ID	Timestamp	Results
CT_WALLET_CROSS_IN_TIME	1691075232470	Successful
CT_WALLET_CROSS_DEFERRED	1691075246959	Successful
CT_WALLET_CROSS_PRE_AUTHORISED	1691075255710	Successful
CT_WALLET_SAME_IN_TIME	1691075261703	Successful
CT_WALLET_SAME_DEFERRED	1691075271614	Successful
CT_WALLET_SAME_PRE_AUTHORISED	1691075279135	Successful
REQUEST_CT_WALLET_QUALIFICATION_CREDENTIAL	1691075467118	Successful

CT_WALLET_CROSS_DEFERRED

Deferred Credential

As an issuer, I want to enforce the deferred flow for the deferred credential from the issuer side. This means that when a participant requests the deferred credential, it will go through a specific deferred processing flow, resulting in a delay of 5 seconds from the first Credential Request. By implementing the deferred flow, the issuer can introduce a deliberate delay in providing the deferred credential.

03/08/2023, 17:07:26

```
[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:07:26 PM
 [33m[CheckService] [39m  [32mTest Data {"intent": "ct_wallet_cross_deferred", "data": {"did":"did:key:z2dmzD8
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ctjdwtgsTrXvSyNLnFCXe8LjqserY7vfbBtGfc2huhUettzEAFdeL3jBNsDieKTEuPZRafbpziomLWY","credential_offer_e
ndpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m - {}
```

CT_WALLET_CROSS_IN_TIME

Initiate Cross-Device Credential Issuance

As an issuer, I want to ensure that the in-Time credential goes through the in-time flow from the issuer side. This means that when a participant requests the in-Time credential, it will be processed and made available synchronously, without any delays. By implementing this in-time flow, participants can seamlessly obtain the in-Time credential without experiencing any significant wait times or processing delays. The synchronous availability of the credential ensures a smooth and efficient user experience.

03/08/2023, 17:07:12

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[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:07:12 PM
 [33m[CheckService] [39m  [32mTest Data {"intent": "ct_wallet_cross_in_time", "data": {"did":"did:key:z2dmzD81
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ndpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m - {}
```

CT_WALLET_CROSS_PRE_AUTHORISED

Pre-authorised Credential

As an issuer, I want to enforce the pre-authorised flow for the Pre-Authorised credential from the issuer side. This means that the credential can only be issued if the participant has gained access through a pre-authorised code. By implementing the pre-authorised flow, the issuer ensures that participants can only obtain the Pre-Authorised credential if they have successfully authenticated and gained access through a pre-authorised code. This pre-authorised code serves as a secure and controlled mechanism to verify the participant's eligibility for the credential.

03/08/2023, 17:07:35

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[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m        8/3/2023, 3:07:35 PM
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6cs8yfctjdwtgsTrXvSyNLnFCXe8LjqserY7vfbBtGfc2huhUettzEAFdeL3jBNsDieKTEuPZRafbpziomLWY","credential_
offer_endpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m -
{}
```

CT_WALLET_SAME_DEFERRED

Deferred Credential

As an issuer, I want to enforce the deferred flow for the deferred credential from the issuer side. This means that when a participant requests the deferred credential, it will go through a specific deferred processing flow, resulting in a delay of 5 seconds from the first Credential Request.

03/08/2023, 17:07:51

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[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:07:51 PM
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ndpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m - {}
```

CT_WALLET_SAME_IN_TIME

In-Time Credential

As an issuer, I want to ensure that the in-Time credential goes through the in-time flow from the issuer side. This means that when a participant requests the in-Time credential, it will be processed and made available synchronously, without any delays.

03/08/2023, 17:07:41

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[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:07:41 PM
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tjdwtgsTrXvSyNLnFCXe8LjqserY7vfbBtGfc2huhUettzEAFdeL3jBNsDieKTEuPZRafbpziomLWY","credential_offer_e
ndpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m - {}
```

CT_WALLET_SAME_PRE_AUTHORISED

Pre-authorised Credential

As an issuer, I want to enforce the pre-authorised flow for the Pre-Authorised credential from the issuer side. This means that the credential can only be issued if the participant has gained access through a pre-authorised code. By implementing the pre-authorised flow, the issuer ensures that participants can only obtain the Pre-Authorised credential if they have successfully authenticated and gained access through a pre-authorised code.

03/08/2023, 17:07:59

```
[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:07:59 PM
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6cs8yfctjdwtgsTrXvSyNLnFCXe8LjqserY7vfbBtGfc2huhUettzEAFdeL3jBNsDieKTEuPZRafbpziomLWY","credential_
offer_endpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test Data [39m -
{}
```

REQUEST_CT_WALLET_QUALIFICATION_CREDENTIAL

CT Qualification through VP Exchange

As an issuer, I want to offer a CT Qualification Credential, which requires a Verifiable Presentation exchange. This exchange will involve receiving credentials from the same-device and/or cross-device test suites. By engaging in this Verifiable Presentation exchange, I can ensure that the exchanged credentials meet the necessary criteria. The received credentials from the same-device and cross-device test suites will collectively contribute to the CT Qualification Credential, enhancing the overall compliance and qualification of the issuer's offerings.

03/08/2023, 17:11:07

```
[conformance-v3]/conformance-v3(stdout)  [32m[Conformance API v3] [39m  [33mInfo [39m       8/3/2023, 3:11:07 PM
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AztSGdB26cs8yfctjdwtgsTrXvSyNLnFCXe8LjqserY7vfbBtGfc2huhUettzEAFdeL3jBNsDieKTEuPZRafbpziomLWY","c
redential_offer_endpoint":"http://localhost:3000/openid-credential-offer"}, "result": {"success":true} } End Test
Data [39m - {}
```