

Jupiter-Release Technical Upgrade Event EDC

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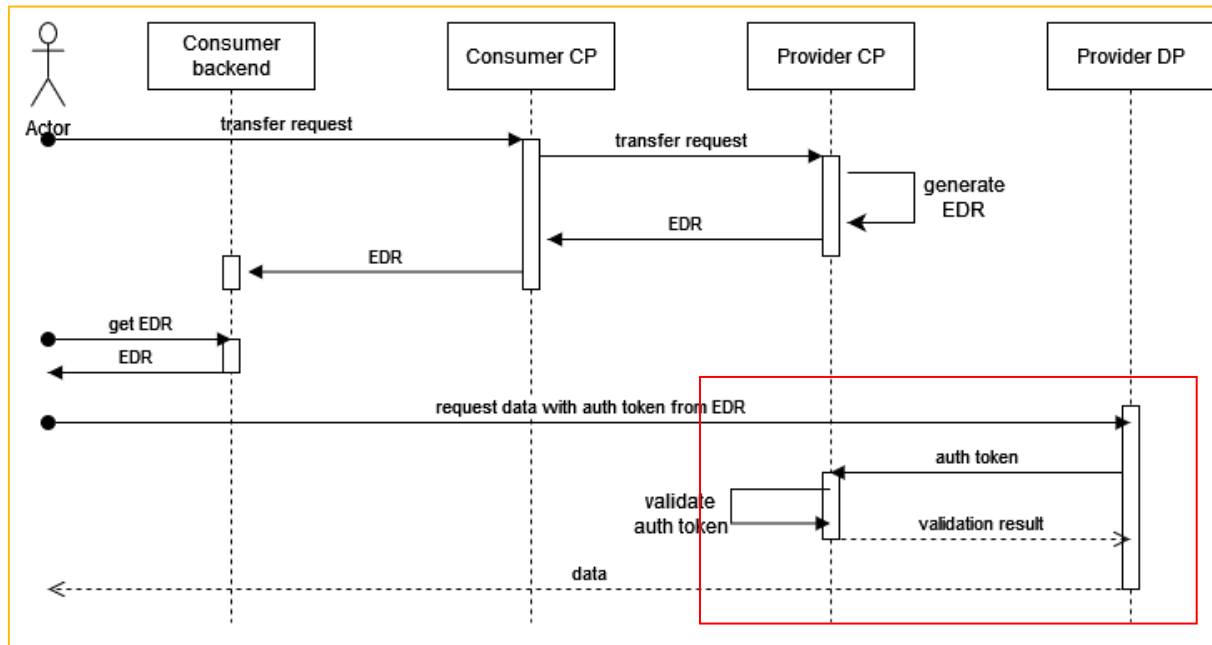
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- Changes in contract negotiation – Data Plane Signaling
- Credential Validation – New DCP Protocol
- Authentication Delegation for Management API
- Version under discussion:
 - Current Connector version is 0.7.3
 - Small improvements on 0.7.1 which was released with 24/05
 - Be aware: Due to bugfixes minor breaking payload changes to 0.7.1

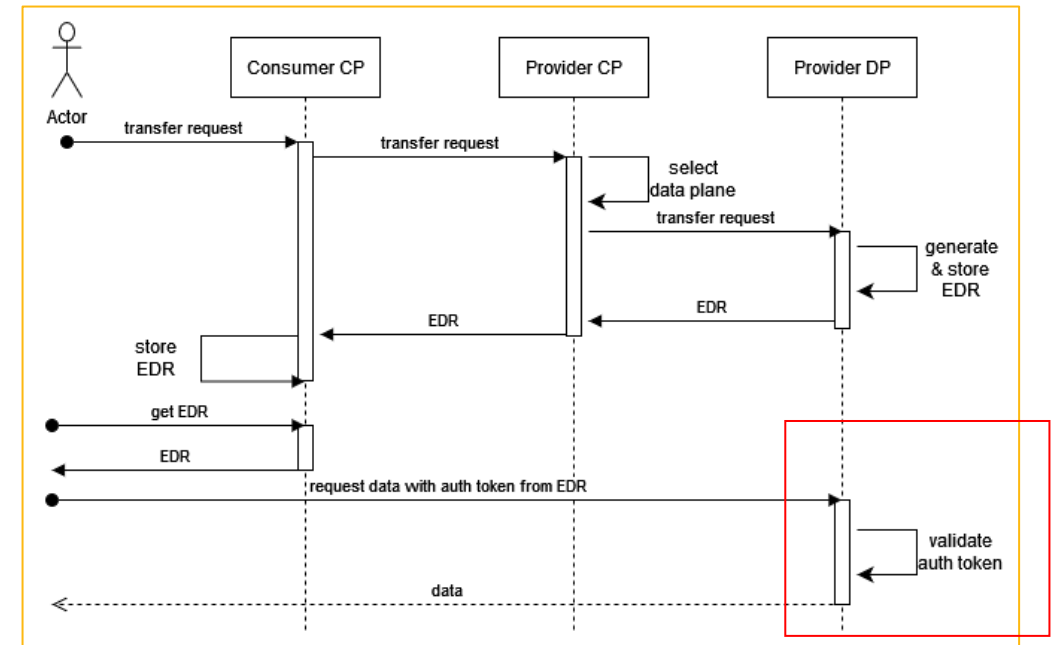
Data Plane Signaling

- EDR management moved to data plane to support scalability
- Auto renewal in case of expired EDR as well as explicit renewal on demand
- Data Plane Proxy API can be used also in case of classical contract negotiation
- Adaptations in EDR management API

Before



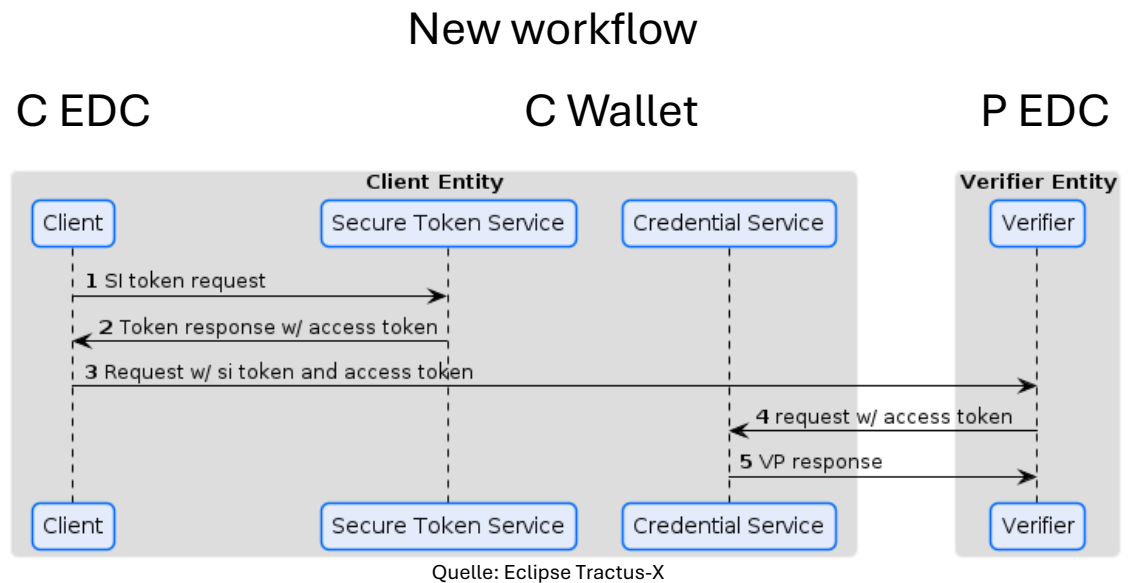
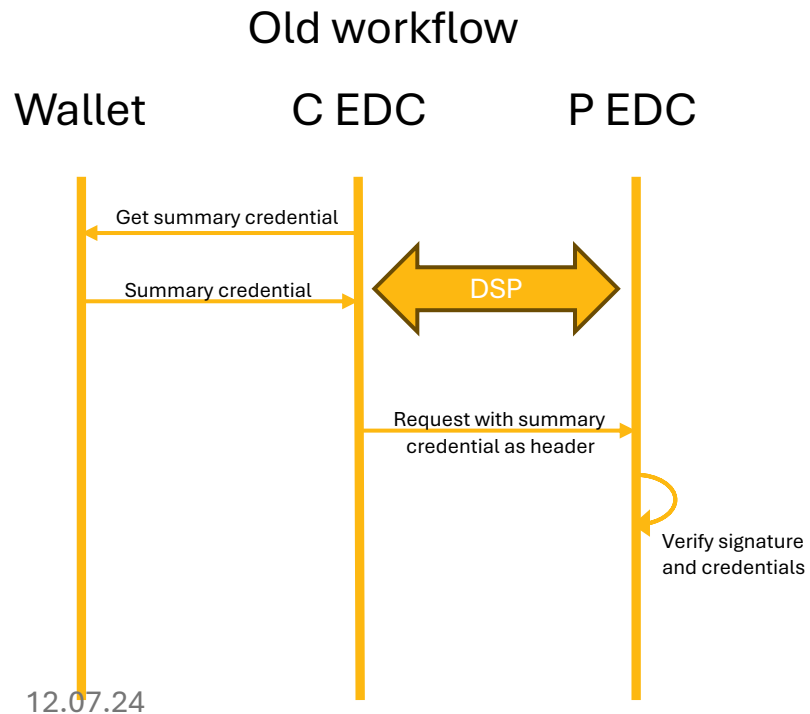
After



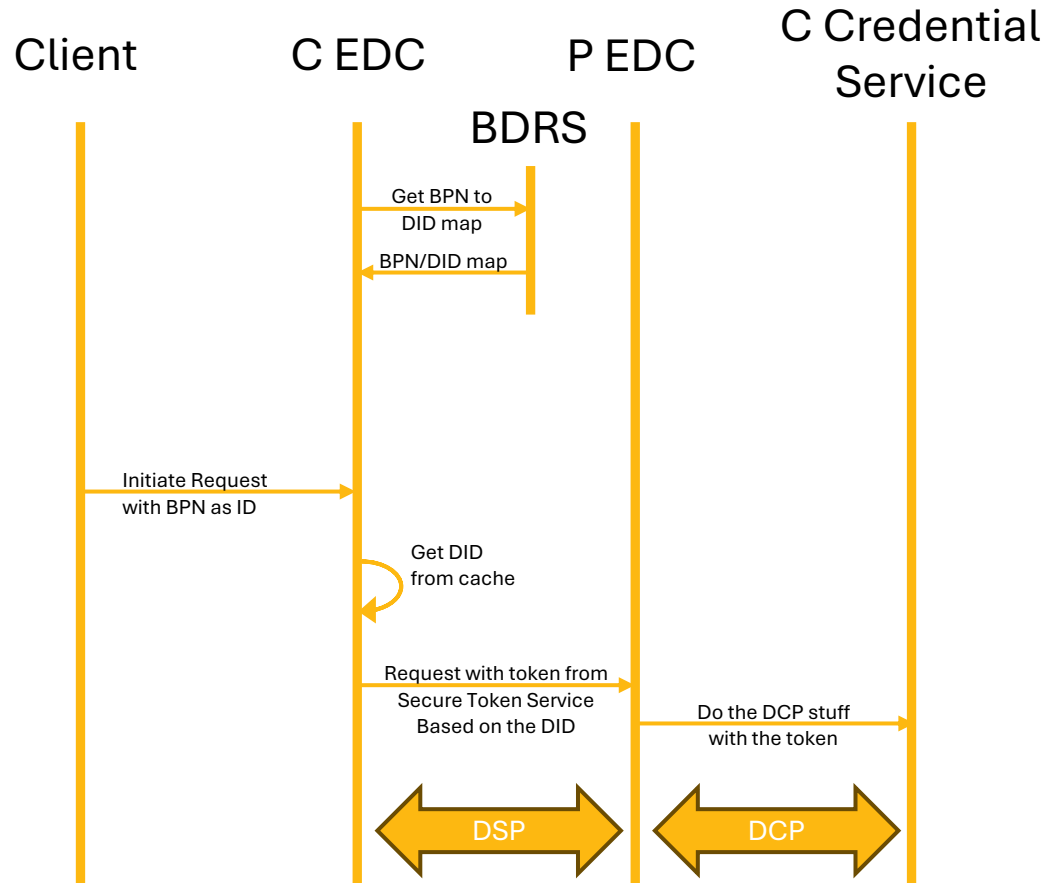
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Changes in Verifiable Presentation Flow (DCP)

- Introduction of the Decentralized Claims Protocol (aka Identity and Trust Protocol)
- Replaces Summary Credentials
- Introduction of the BPN DID Resolution Service (BDRS)



BPN DID Resolution Service (BDRS)



```

curl --location 'http://localhost/alice/management/v2/contractnegotiations' \
...
--data-raw '{
  "@context": {
    "odrl": "http://www.w3.org/ns/odrl/2/"
  },
  "@type": "NegotiationInitiateRequestDto",
  "connectorAddress": "http://bob-controlplane:8084/api/v1/dsp",
  "providerId": "BPNL00000000000002",
...
}'

```

- DCP is based on DID, not BPN
- Consumer requires provider DID to set the audience in the access token right

OAuth support for Management API

- Connector 0.7.3 shipped with release 24/08:
 - OAuth as alternative authentication mechanism
- Connector needs to be configured to use either api-key or bearer token
 - Header for api-key remains *X-API-KEY*
 - Alternatively use standard *Authorization* header and bearer keyword
 - If bearer token auth is configured, this will be used
- Grace period: In OAuth setup, the X-API-KEY header can be used for the bearer token