```
"@context": [
 "https://www.w3.org/ns/did/v1",
  "https://w3id.org/security/suites/ed25519-2020/v1"
"id": "did:example:123",
"authentication": [
    "id": "did:example:123#z6MkecaLyHuYWkayBDLw5ihndj3T1m6zKTGqau3A51G7RBf3",
    "type": "Ed25519VerificationKey2020", // external (property value)
    "controller": "did:example:123",
    "publicKeyMultibase": "zAKJP3f7BD6W4iWEQ9jwndVTCBq8ua2Utt8EEjJ6Vxsf"
"capabilityInvocation": [
    "id": "did:example:123#z6MkhdmzFu659ZJ4XKj31vtEDmjvsi5yDZG5L7Caz63oP39k",
    "type": "Ed25519VerificationKey2020", // external (property value)
    "controller": "did:example:123",
    "publicKeyMultibase": "z4BWwfeqdp1obQptLLMvPNgBw48p7og1ie6Hf9p5nTpNN"
"capabilityDelegation": [
    "id": "did:example:123#z6Mkw94ByR26zMSkNdCUi6FNRsWnc2DFEeDXyBGJ5KTzSWyi",
    "type": "Ed25519VerificationKey2020", // external (property value)
    "controller": "did:example:123",
    "publicKeyMultibase": "zHgo9PAmfeoxHG8Mn2XHXamxnnSwPpkyBHAMNF3VyXJCL"
"assertionMethod": [
    "id": "did:example:123#z6MkiukuAuQAE8ozxvmahnQGzApvtW7KT5XXKfojjwbdEomY",
    "type": "Ed25519VerificationKey2020", // external (property value)
    "controller": "did:example:123",
    "publicKeyMultibase": "z5TVraf9itbKXrRvt2DSS95Gw4vqU3CHAdetoufdcKazA"
```

## Use Cases

- Cross-domain data exchanges
  - Digital Identity
  - Documents
  - Supply Chains
- Privacy-preserving identification over the internet
  - Human Human
  - Human Machine
  - Machine Machine

- Verifiable data provenance
- Reusable background checks
- Personal data vaults
- Certifications
- Decentralized data catalog
- Digital marketplaces
- P2P Communication
- Zero Trust Architectures