

OIDC Identity Federation in pictures

by Roland Hedberg at
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According to Wikipedia

- A **federation** (information technology) is a group of computing or network providers agreeing upon standards of operation in a collective fashion.
- The term "**identity federation**" is by design a generic term, and is not bound to any one specific protocol, technology, implementation or company. One thing that is consistent, however, is the fact that "federation" describes methods of identity portability which are achieved in an open, often standards-based manner – meaning anyone adhering to the open specification or standard can achieve the full spectrum of use-cases and interoperability.

OIDC IDENTITY FEDERATION

- Allow dynamic discovery and registration without losing trust.
- Enforcement of federation and organization policies
- Allow delegation of entity registration
- Metadata transport and origin independent
- Metadata Self-contained





CHAIN OF TRUST

-
- Trusted 3rd party
 - Chain of verifiable claims
 - Metadata construction

The players

The good, the bad and the ugly



System administrator



IT Architect

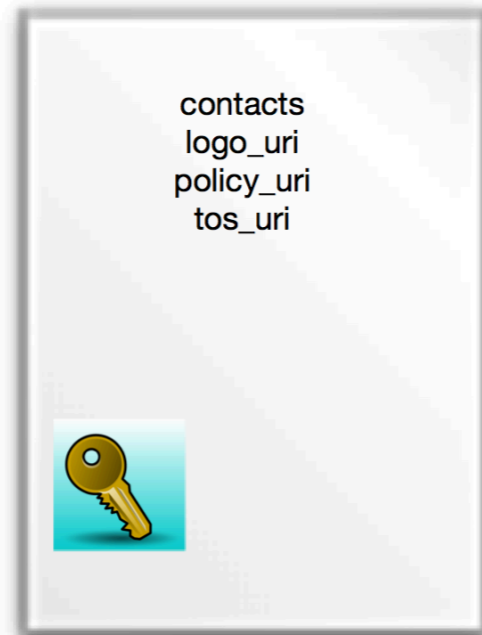


Federation Operator

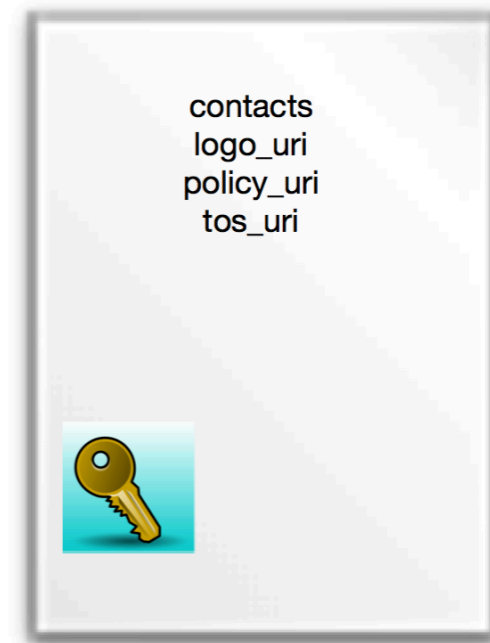
Organization and FO



Organization wide information



Transfer to FO





FO: verifies, modifies and signs



contacts
logo_uri
policy_uri
tos_uri

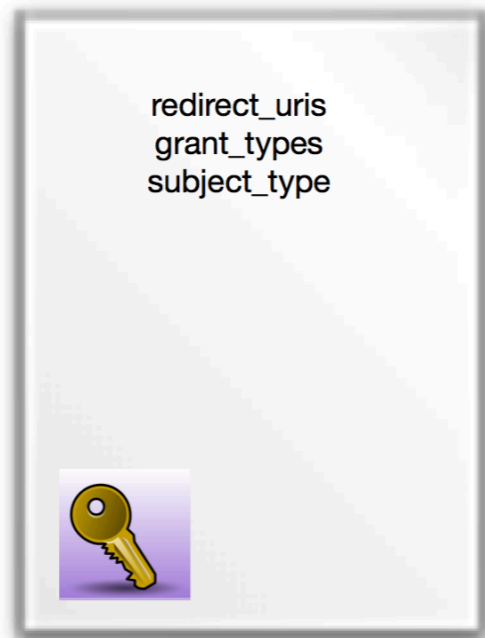
scope
claims
token_endpoint_auth_method



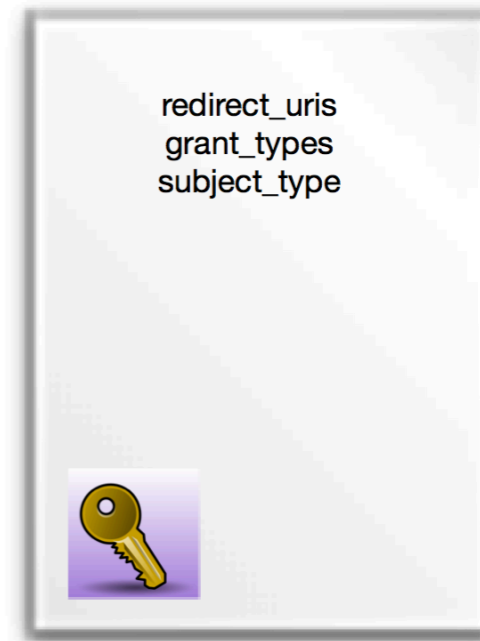
Within an organization



Entity specific information






Transfer to Organization coordinator (OC)



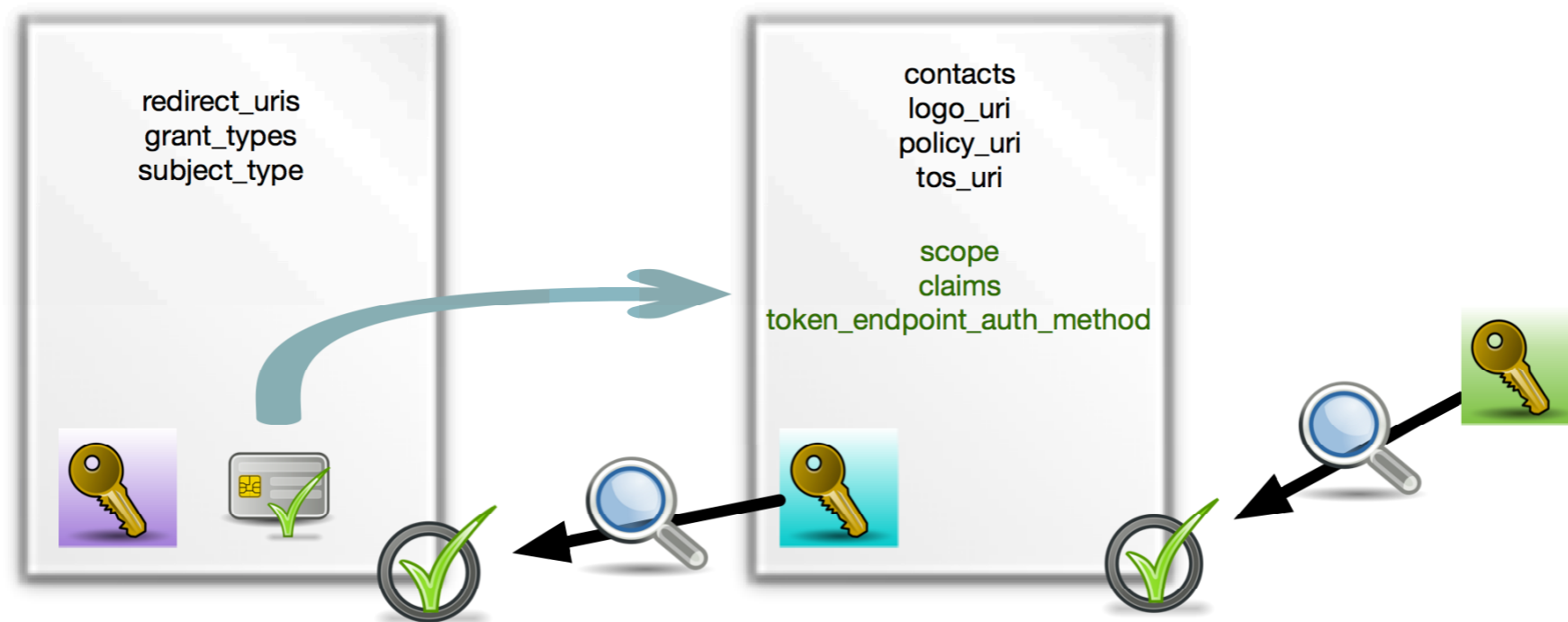
OC: verifies, modifies and signs



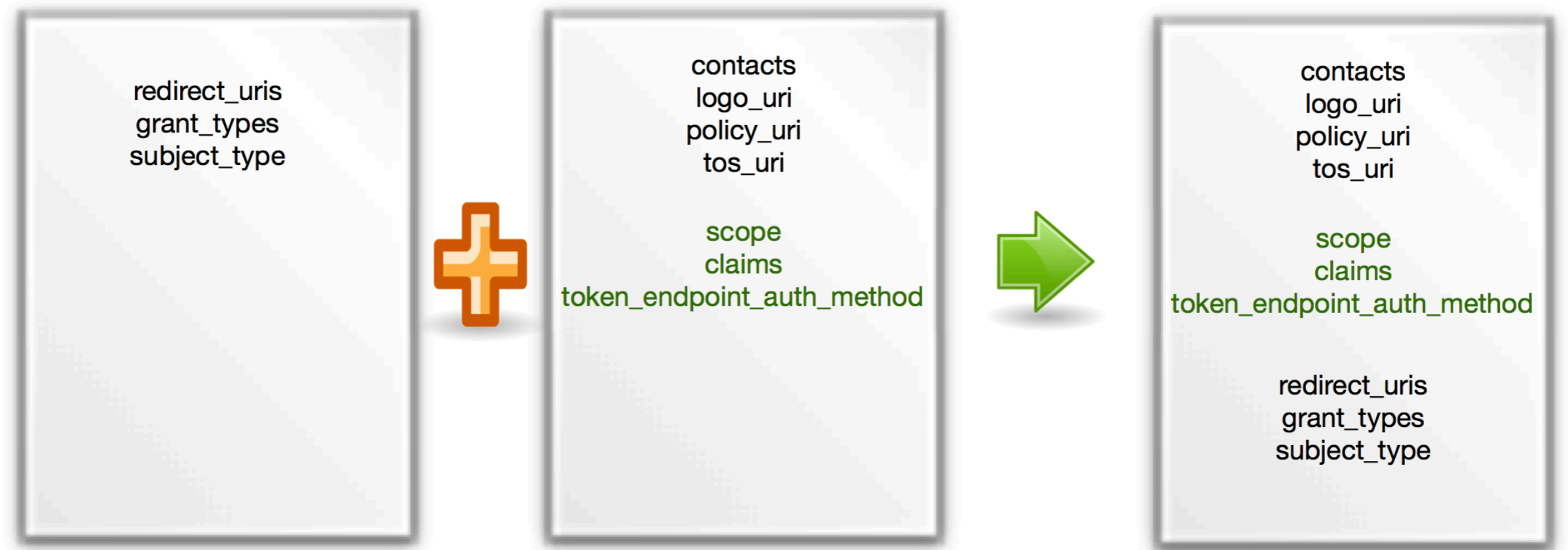
redirect_uris
grant_types
subject_type



Unpacking a metadata statement



Gathering the metadata





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