

TIER Reference Implementations

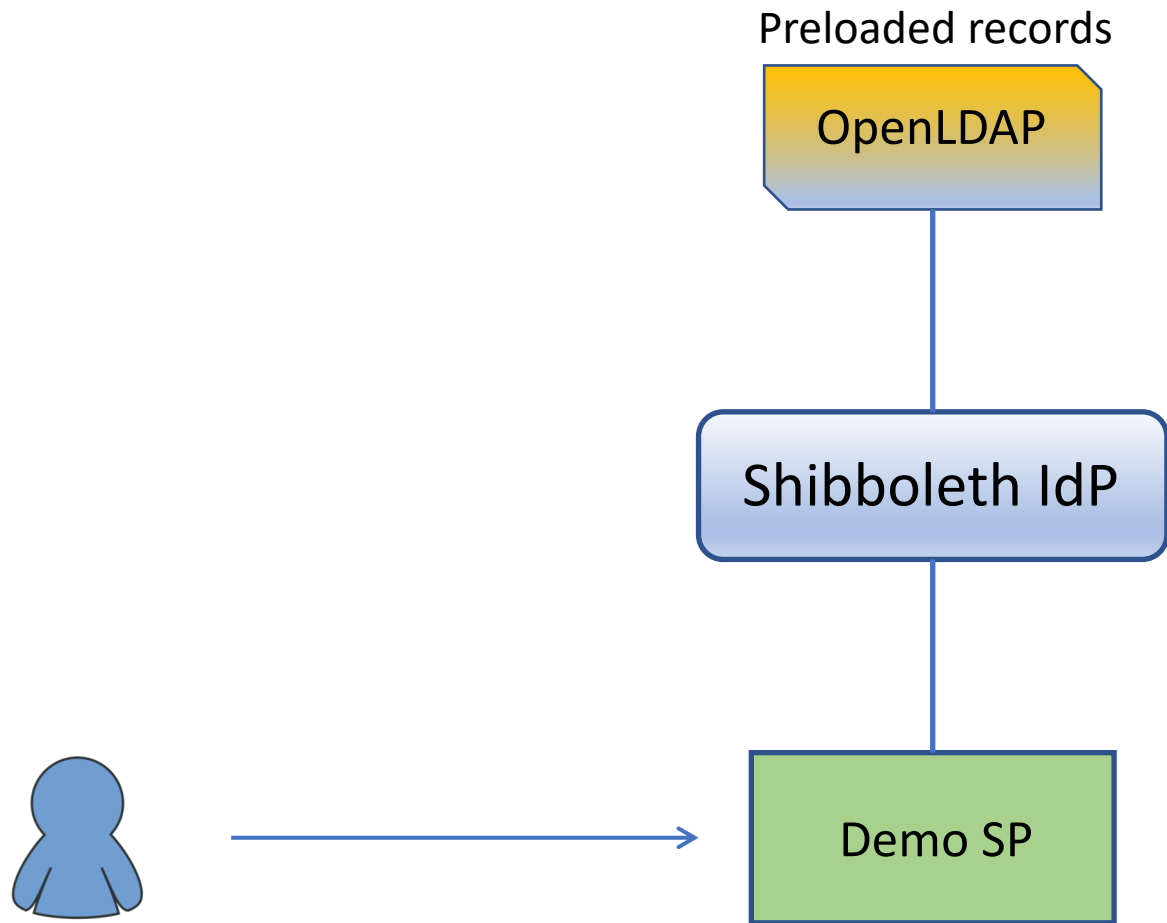
2018-12-03

Minor Updates by 2018-12-17

Reference Implementations

- A Reference Implementation (RI) is a single component, a use case, or a flavor of TIER-as-a-whole IAM solution.
- Technically, a RI is scripting for configuration and a docker-compose file designed for docker stack deploy in a Docker swarm environment.
- RIs are self-contained to enable a user to bring the service on-line to the point where features can be examined with trivial effort.
- RIs will replace our old VM distributions.
- RIs include instructions and/or scripting for minimal effort implementation within InCommon.
- Sufficient documentation to explain the use case implemented.

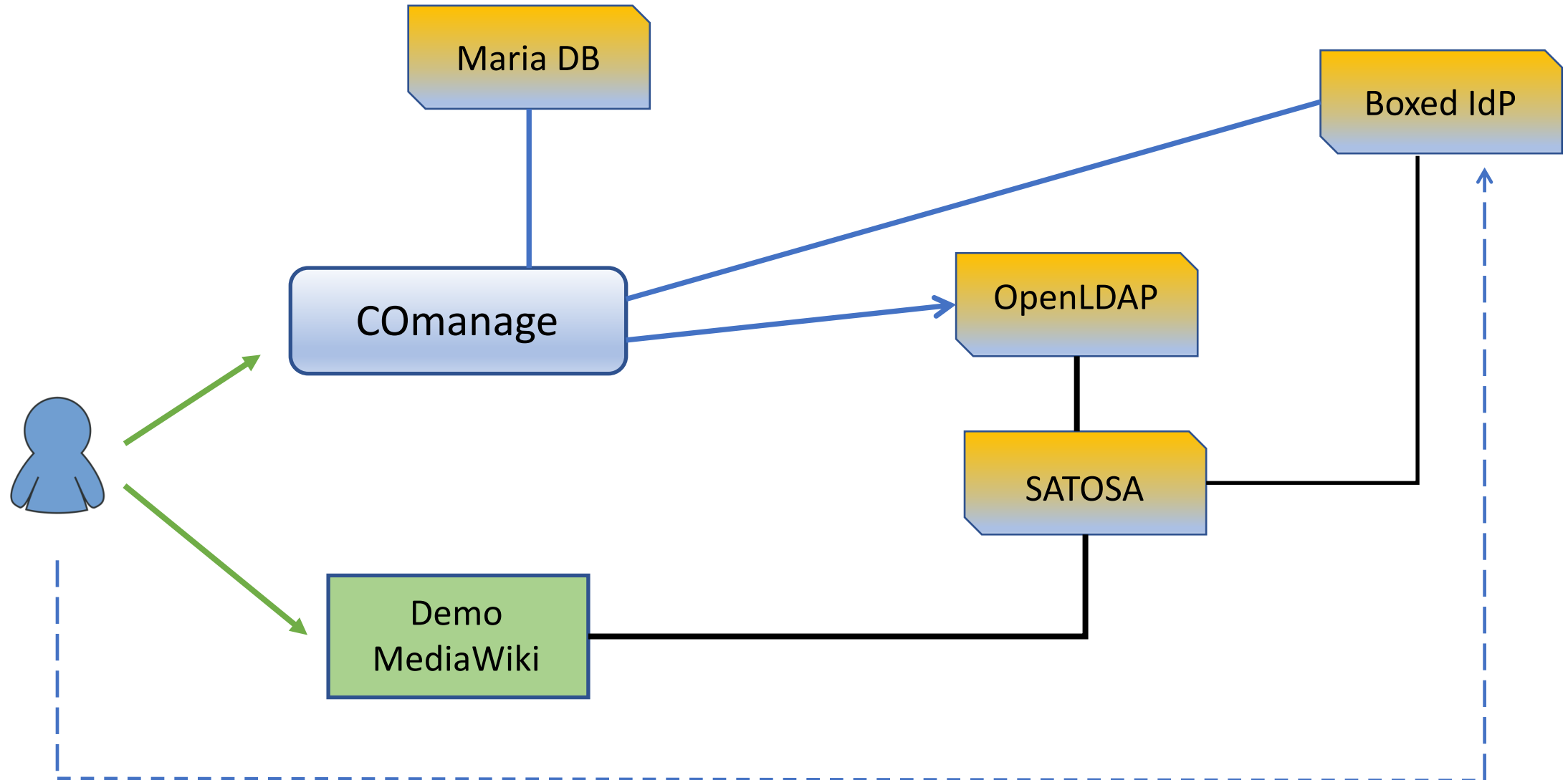
Shibboleth IdP Reference Implementation



Shibboleth IdP Reference Implementation

- Assumptions

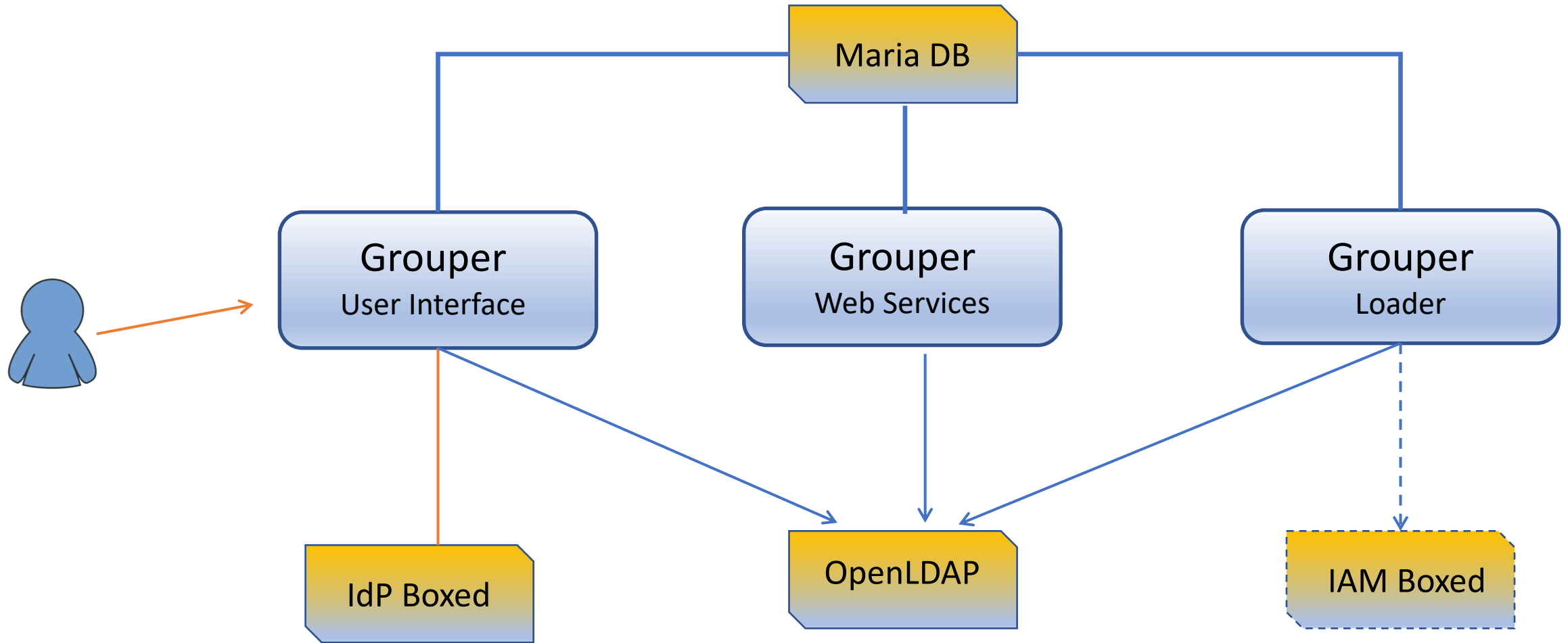
COmanage Reference Implementation



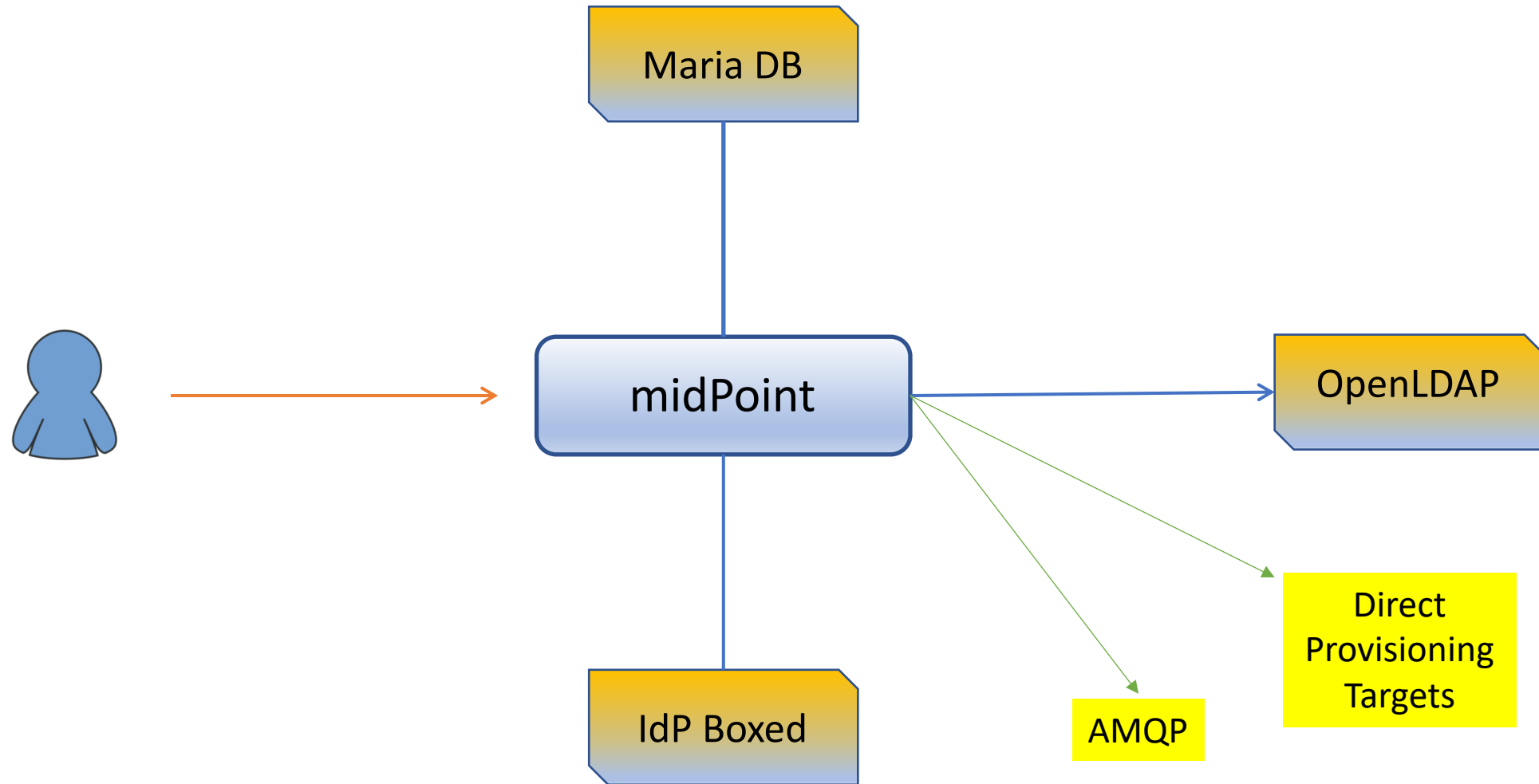
COmanage Reference Implementation

- Context: COmanage supports research VO management
- Boxed IdP is a stand-in for InCommon integration
- OpenLDAP preconfigured with COmanage voPerson schema
- SATOSA proxy preconfigured as a SAML-to-SAML proxy
- Scripting to assist with the replacement of the Boxed IdP with InCommon

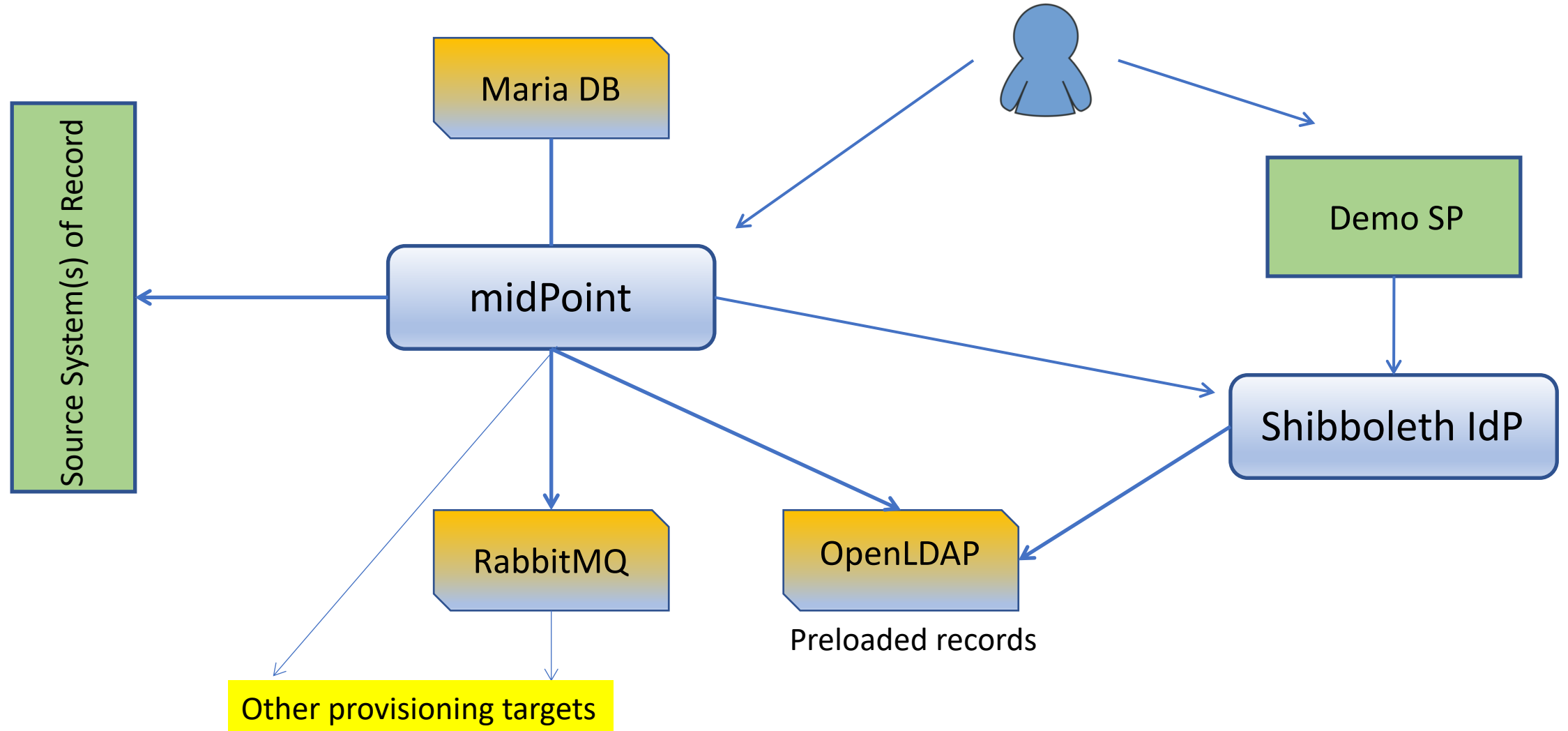
Grouper Reference Implementation



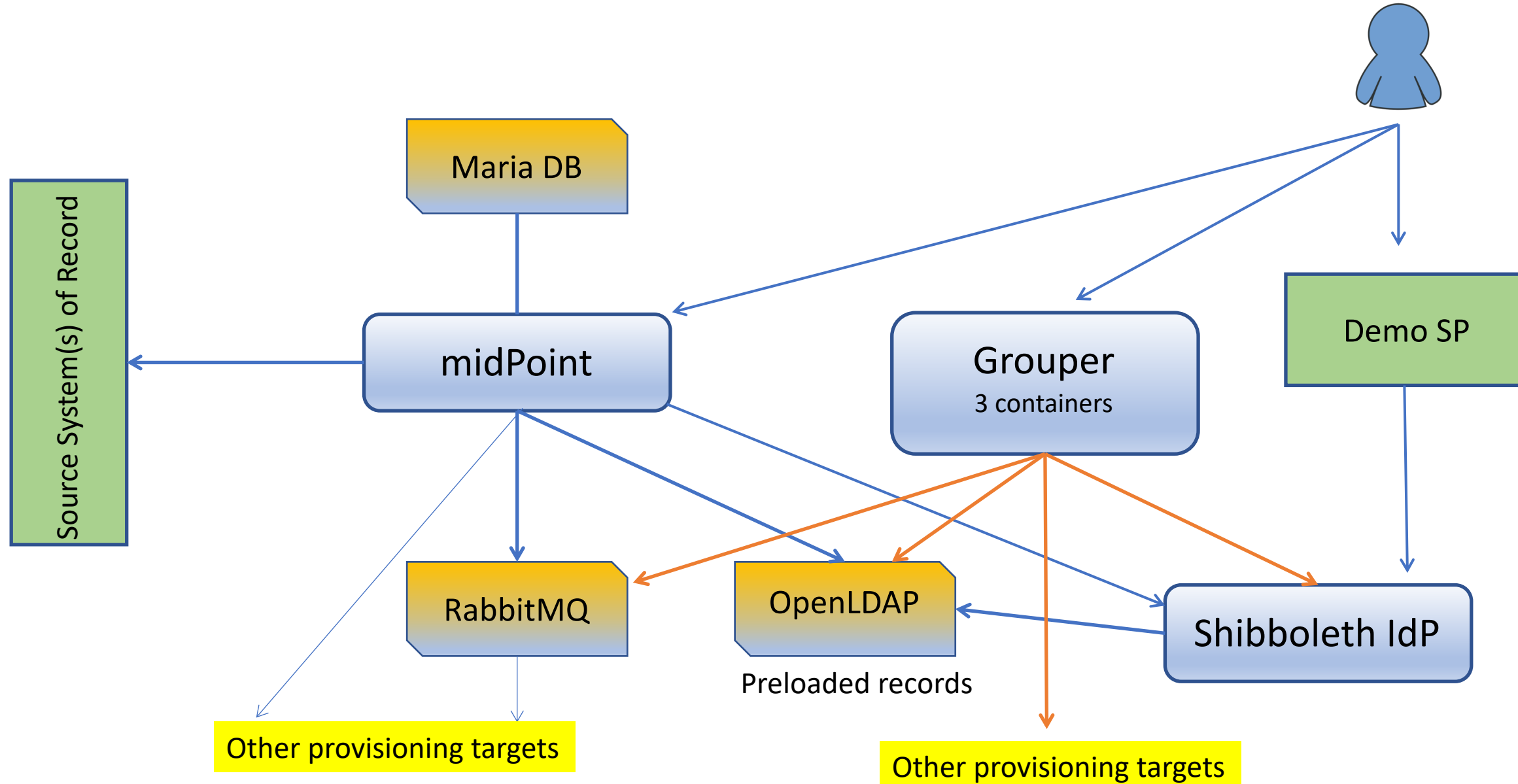
midPoint Reference Implementation



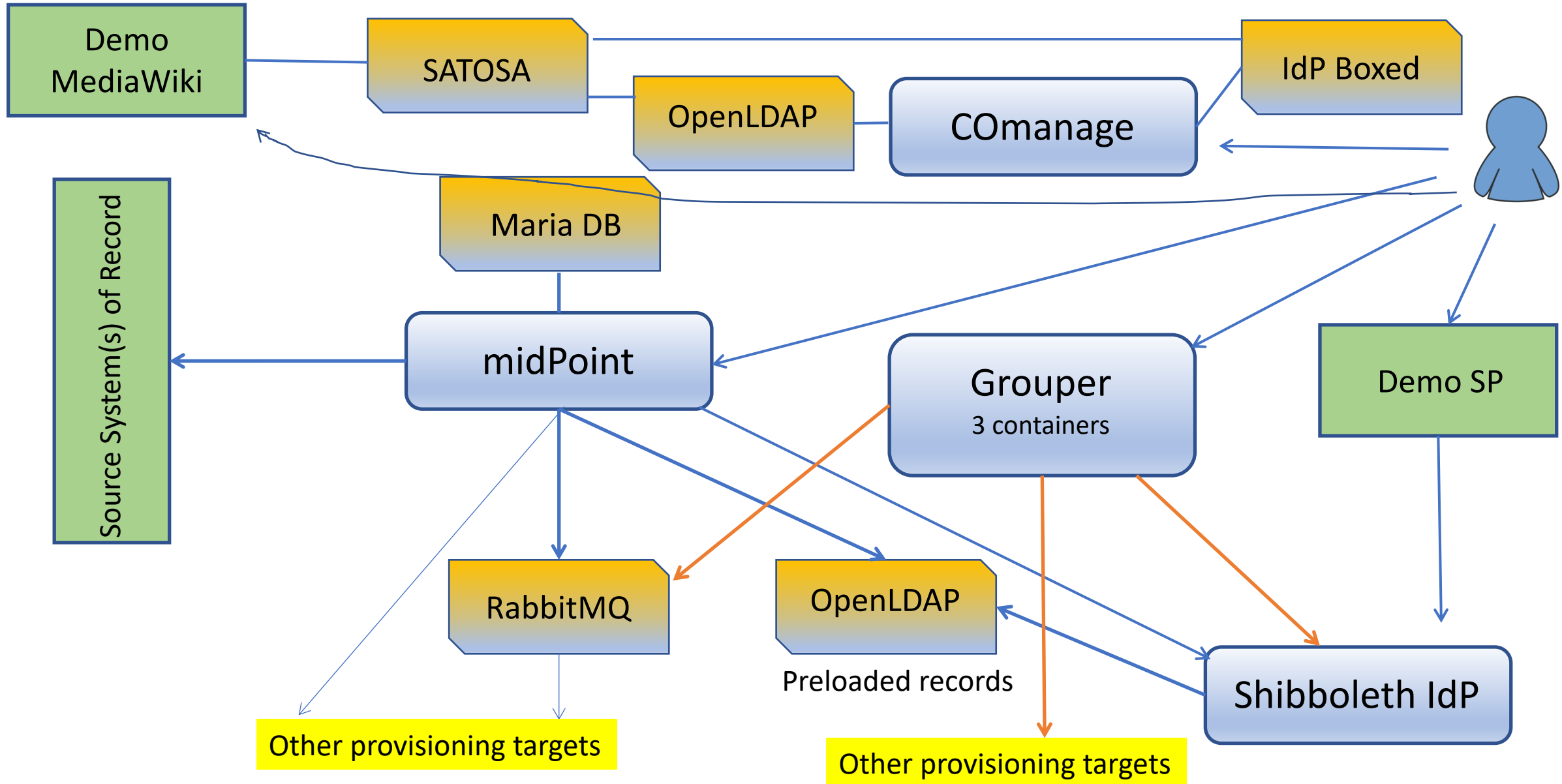
TIER Basic Reference Implementation



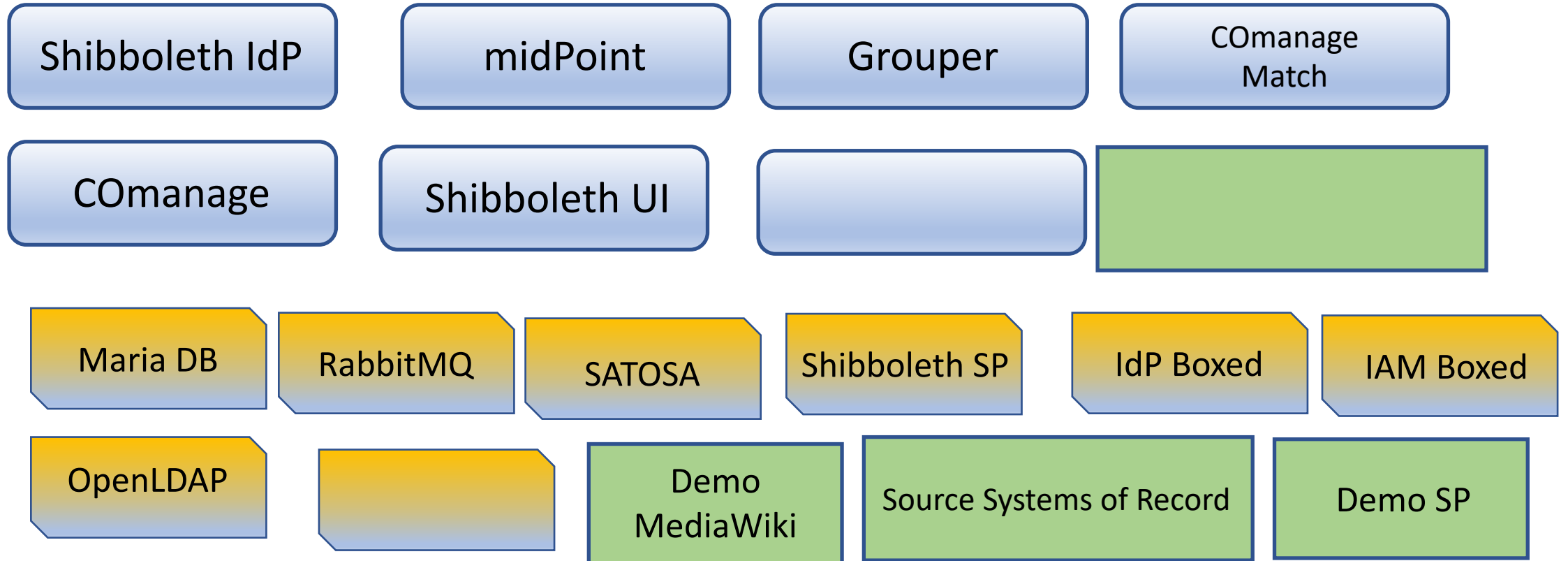
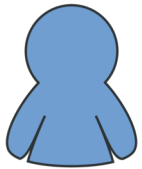
TIER Standard Reference Implementation



TIER Advanced Reference Implementation



Parts



Blue – TIER Component; Yellow – Support Component; Green – external or demo

Openldap – preconfigured with users, COmanage and midpoint schema, etc.

IdP Boxed – and IdP/LDAP with known accounts and passwords (Paul's idea from last call)

IAM Boxed - a pre-populated Maria DB