

RP

IdP

Generates:
prime P , generator g
key pair: pk, sk

1. Uploading Attributes

rp_name, redirect_uri

Generates:
random r : relative prime of $\phi(P)$
basic_rp_id: $g^r \bmod P$
RP_Cert: $\text{sig}((\text{basic_rp_id}, \text{rp_name}, \text{redirect_uri}, \text{IdP_origin}), sk)$

2. Issuing RP Certification

RP_Cert, P, g, pk