

RP

IdP

Generates:

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

2. Uploading Attributes

$rp_name, redirect_uri$

Generates:

random r : relative prime of $\phi(P)$

3 basic_rp_id: $g^r \bmod P$

RP_Cert: $\text{sig}((\text{basic_rp_id}, rp_name, redirect_uri, \text{IdP_origin}), sk)$

4. Issuing RP Certification

RP_Cert, P, g, pk