

Public Parameters:

g, P, PK_{ID}, PK_{Cert}

IdP

$UID, RPID_O, SK_{Cert}, SK_{ID}$

3. $RPID_T$ unique ?

1. $Cert_{RP}$:

$RPID_O$
$Endpoint$
$Sig: SK_{Cert}$

4. $PPID = RPID_T^{UID} \bmod P$

6. $Account = PPID^{(n_u * n_{RP}) - 1} \bmod P$

RP

UID, n_u

2. $RPID_T = g^{n_u * n_{RP}} \bmod P$

RP

$RPID_O, n_{RP}$

5. $PPID$