

RP

IdP

1. $[\text{Req}_{\text{Cert}_{\text{RP}}}, \text{Name}_{\text{RP}}, \text{Endpoint}]$

choose a random r , coprime to $p-1$
2 $\text{RPID} = g^r \bmod p$
 $\text{Cert}_{\text{RP}} = [\text{RPID}, \text{Name}_{\text{RP}}, \text{Sig}_{\text{SK}_{\text{Cert}}}]$

3. $[\text{Cert}_{\text{RP}}]$