

RP

IdP

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

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

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