

	IdP	Identity proof	RP
User identifier	ID_{U} $\text{PID}_{\text{U}} = F_{\text{PID}_{\text{U}}}(\text{ID}_{\text{U}}, \text{PID}_{\text{RP}})$	PID_{U}	$\text{Accout} = F_{\text{Account}}(\text{PID}_{\text{U}}, \text{ID}_{\text{RP}}, \text{PID}_{\text{RP}})$
RP identifier	PID_{RP}	$\begin{cases} \text{PID}_{\text{RP}} & \text{PID}_{\text{RP}} \neq \text{Null} \\ \text{ID}_{\text{RP}} & \text{PID}_{\text{RP}} == \text{Null} \end{cases}$	$\begin{array}{c} \text{ID}_{\text{RP}} \\ \text{PID}_{\text{RP}} = F_{\text{PID}_{\text{RP}}}(\text{ID}_{\text{RP}}) \end{array}$