



Ag



$AC_{a,a}^{oldsymbol{eta}}$		
Cid	a	
Capt	$capt_a^{\beta}$	
Aid	а	
Aapt	$aapt_a^{a(\beta)}$	
EQL	1	

$AC_{a,b}^{eta}$	
Cid	а
Capt	$capt^{eta}_a$
Aid	b
Aapt	$aapt_b^{a(\beta)}$
EQL	2

$AC_{a,c}^{\beta}$	
Cid	a
Capt	$capt_a^{\beta}$
Aid	С
Aapt	$aapt_c^{a(\beta)}$
EQL	3

$\mathit{Query}^{a(oldsymbol{eta})}_d$	
Sender	а
Receiver	LBS provider
Capt	$capt_a^{eta}$

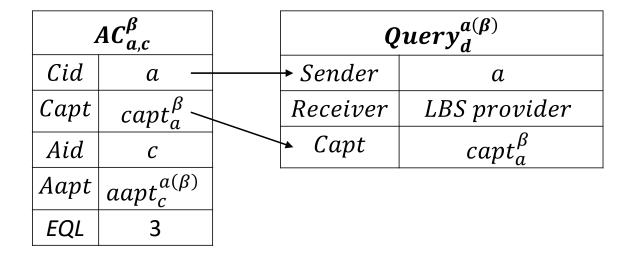
$Reply_{LBS}^{a(oldsymbol{eta})}$	
Sender	LBS provider
Receiver	а
AN	$capt_a^{eta}$

$Reply_a^{a(oldsymbol{eta})}$	
Sender	а
Receiver	b
AN	$aapt_a^{a(\beta)}$

$Reply_{c}^{a(oldsymbol{eta})}$		
Sender	C	
Receiver	$pseudo\left(c,aapt_{c}^{a(eta)} ight)$	
AN	$aapt_c^{a(eta)}$	

$Reply_b^{a(eta)}$		
Sender	b	
Receiver	С	
AN	$aapt_b^{a(\beta)}$	

 $pseudo\left(c, aapt_c^{a(eta)}
ight)$



$\mathit{Query}^{a(oldsymbol{eta})}_d$		
Sender	a <u> </u>	
Receiver	LBS provider	
Capt	$capt_a^{\beta}$ —	

$ extit{Reply}_{LBS}^{a(oldsymbol{eta})}$	
Sender	LBS provider
* Receiver	а
► AN	$capt^{eta}_a$

$Reply_{LBS}^{a(oldsymbol{eta})}$	
Sender	LBS provider
Receiver	a
AN	$capt_a^{eta}$

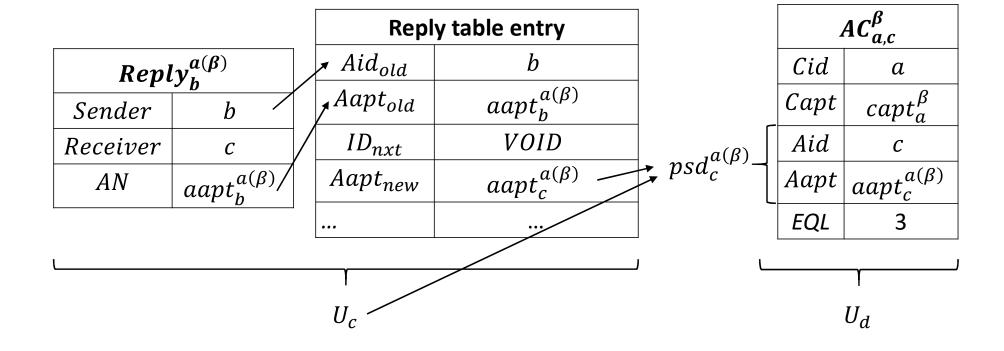
	Repl	y table entry
	Aid_{old}	а
der	$Aapt_{old}$	$capt_a^{\beta}$
	ID_{nxt}	b —
	$Aapt_{new}$	$aapt_a^{a(\beta)}$ —
	•••	

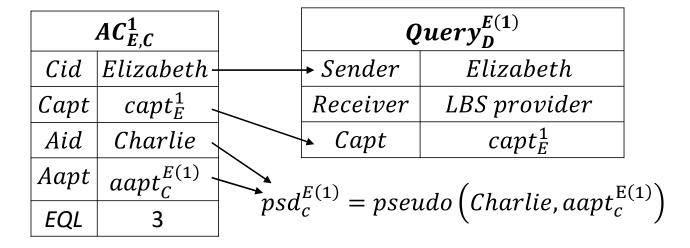
$\textit{Reply}^{a(oldsymbol{eta})}_a$		
Sender	a	
- Receiver	b	
► AN	$aapt_a^{a(\beta)}$	

$Reply_a^{a(oldsymbol{eta})}$		
Sender	a	
Receiver	b	
AN	$aapt_a^{a(\beta)}$	/

	Reply table entry		
/	⋆ Aid _{old}	а	
	$Aapt_{old}$	$aapt_a^{a(\beta)}$	
/	ID_{nxt}	С	
	$Aapt_{new}$	$aapt_b^{a(\beta)}$	
	•••	•••	

$Reply_{b}^{a(oldsymbol{eta})}$		
Sender	b	
- Receiver	С	
→ AN	$aapt_b^{a(\beta)}$	





Reply table entry of $AC_{E,E}^{1}$		
Aid_{old}	Elizabeth	
$Aapt_{old}$	$capt_E^1$	
ID_{nxt}	Bob —	
$Aapt_{new}$	$aapt_E^{E(1)}$	
•••	•••	

$Reply_E^{E(1)}$		
Sender	Elizabeth	
Receiver	Bob	
► AN	$aapt_E^{E(1)}$	

Reply table entry of $AC_{E,B}^{1}$		
Aid_{old}	Elizabeth	
$Aapt_{old}$	$aapt_E^{E(1)}$	
ID_{nxt}	Charlie —	
$Aapt_{new}$	$aapt_B^{E(1)}$	
•••		

$Reply_B^{E(1)}$	
Sender	Bob
Receiver	Charlie
► AN	$aapt_B^{E(1)}$

 $\frac{pseudo\left(Charlie, aapt_{c}^{E(1)}\right) \Rightarrow psd_{c}^{E(1)}}{\text{entry of } AC_{E,C}^{1}}$ $\frac{Reply_{C}^{E(1)}}{Sender}$

Reply table entry of $AC_{E,C}^1$		
Aid_{old}	Bob	
$Aapt_{old}$	$aapt_B^{E(1)}$	
ID_{nxt}	Void /	
$Aapt_{new}$	$aapt_C^{E(1)}$	
•••	•••	

$Reply_{\mathcal{C}}^{E(1)}$		
 Sender	Bob	
Receiver	$psd_c^{E(1)}$	
→ AN	$aapt_C^{E(1)}$	

