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$AC_{a,a}^\beta$		$AC_{a,b}^\beta$		$AC_{a,c}^\beta$	
Cid	a	Cid	a	Cid	a
$Capt$	$capt_a^\beta$	$Capt$	$capt_a^\beta$	$Capt$	$capt_a^\beta$
Aid	a	Aid	b	Aid	c
$Aapt$	$aapt_a^{a(\beta)}$	$Aapt$	$aapt_b^{a(\beta)}$	$Aapt$	$aapt_c^{a(\beta)}$
EQL	1	EQL	2	EQL	3

$Query_d^{a(\beta)}$	
<i>Sender</i>	a
<i>Receiver</i>	<i>LBS provider</i>
<i>Capt</i>	$capt_a^\beta$

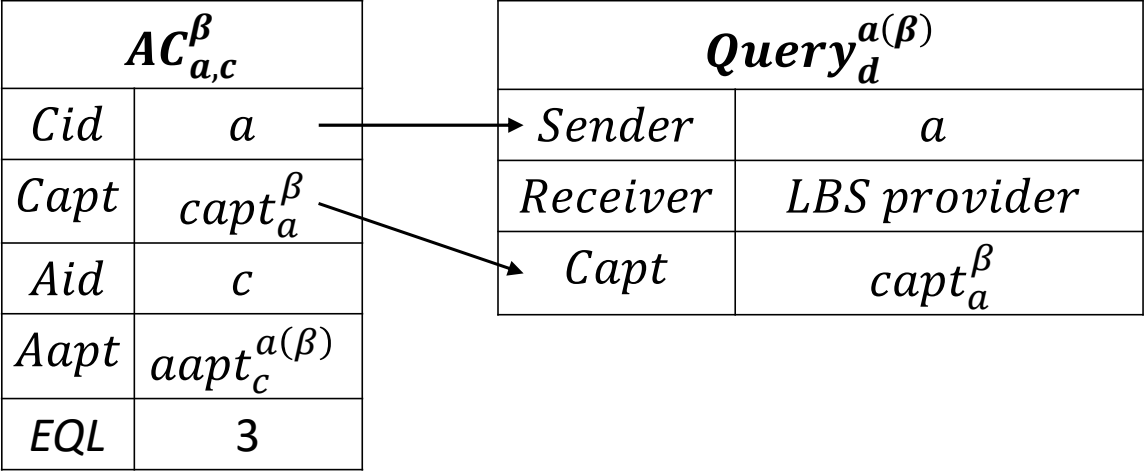
$Reply_{LBS}^{a(\beta)}$	
<i>Sender</i>	<i>LBS provider</i>
<i>Receiver</i>	<i>a</i>
<i>AN</i>	$capt_a^\beta$

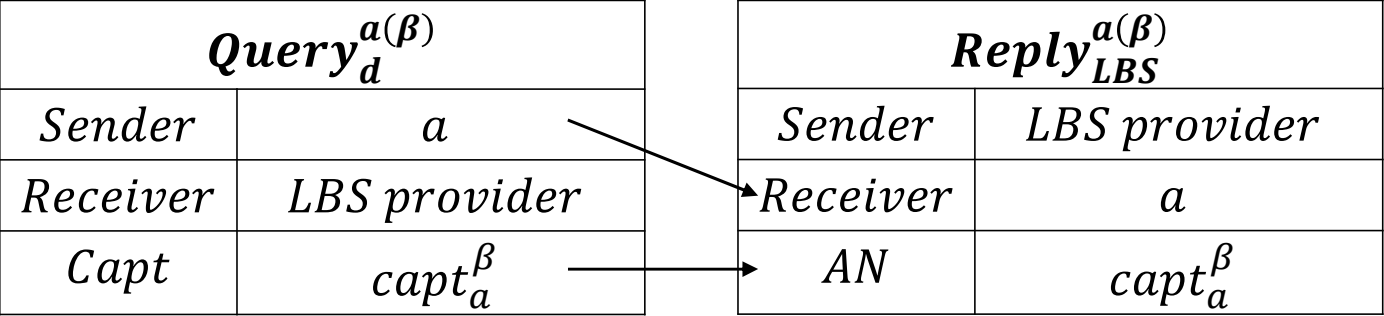
$Reply_a^{a(\beta)}$	
<i>Sender</i>	<i>a</i>
<i>Receiver</i>	<i>b</i>
<i>AN</i>	$aapt_a^{a(\beta)}$

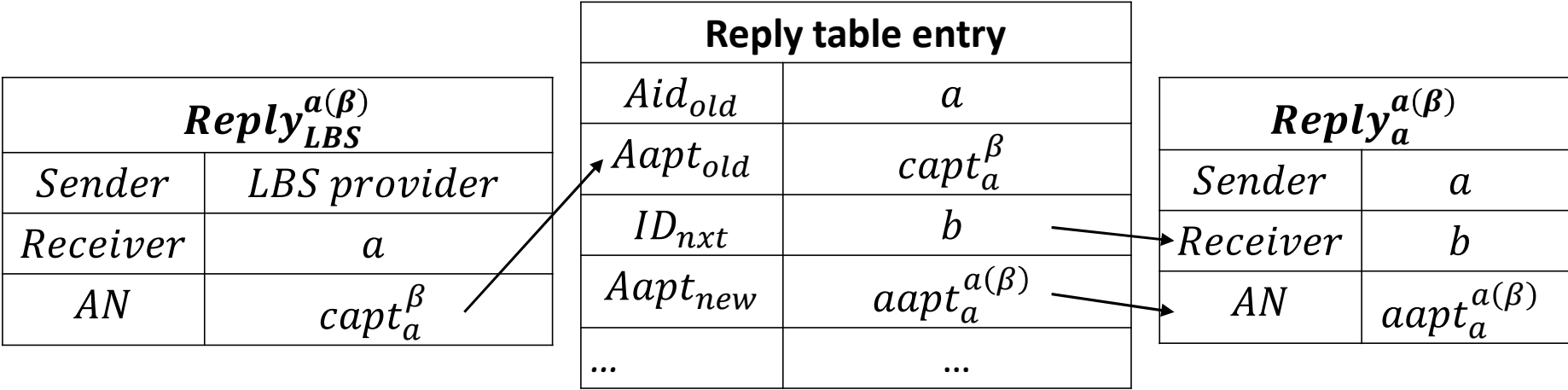
$Reply_c^{a(\beta)}$	
<i>Sender</i>	<i>c</i>
<i>Receiver</i>	$pseudo\left(c, aapt_c^{a(\beta)}\right)$
<i>AN</i>	$aapt_c^{a(\beta)}$

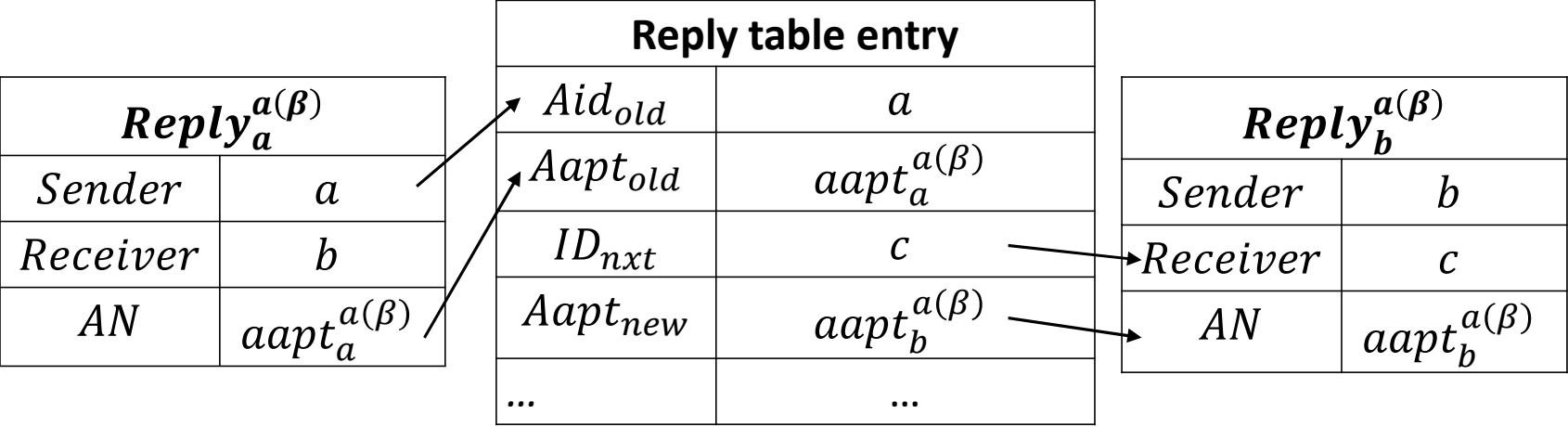
$Reply_b^{a(\beta)}$	
<i>Sender</i>	<i>b</i>
<i>Receiver</i>	<i>c</i>
<i>AN</i>	$aapt_b^{a(\beta)}$

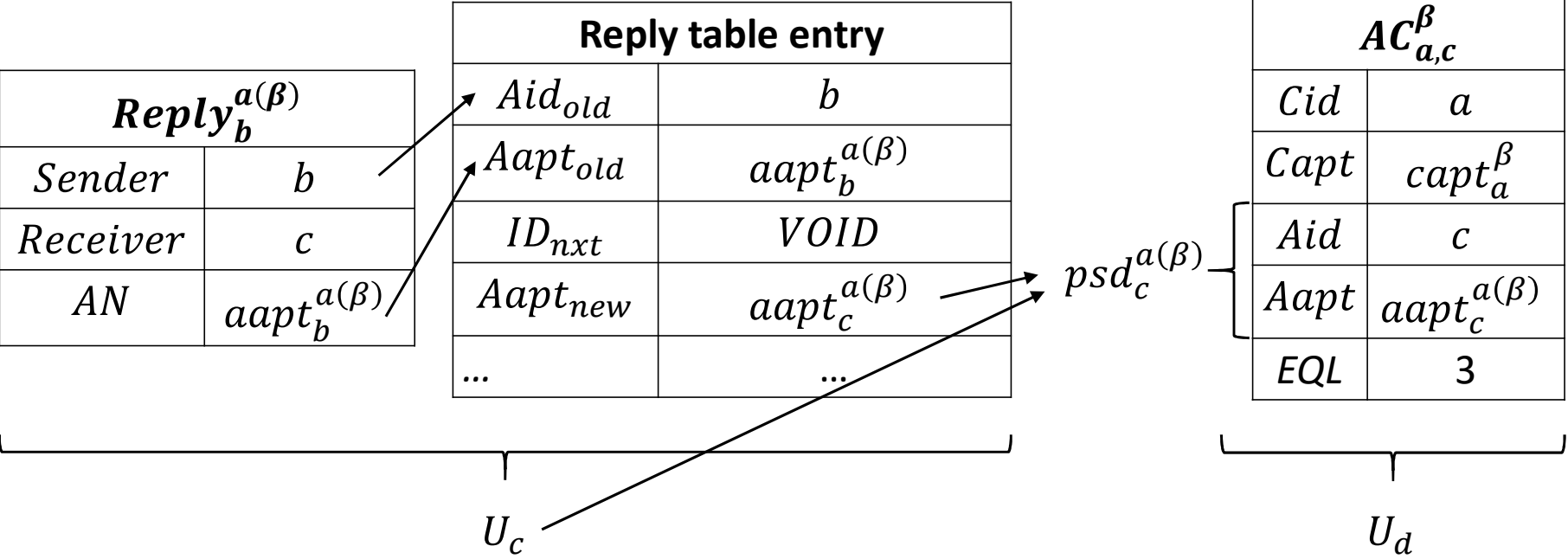
$pseudo\left(c, aapt_c^{a(\beta)}\right)$

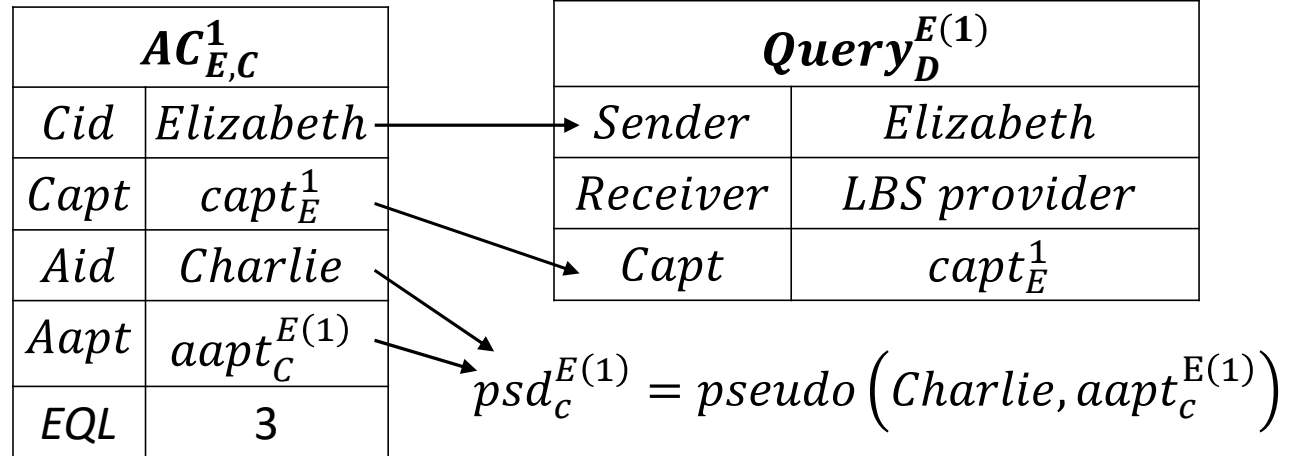












Reply table entry of $AC_{E,E}^1$			
Aid_{old}	$Elizabeth$	$Reply_E^{E(1)}$	
$Aapt_{old}$	$capt_E^1$	$Sender$	$Elizabeth$
ID_{nxt}	Bob	$Receiver$	Bob
$Aapt_{new}$	$aapt_E^{E(1)}$	AN	$aapt_E^{E(1)}$
\dots	\dots		

Reply table entry of $AC_{E,B}^1$			
Aid_{old}	$Elizabeth$	$Reply_B^{E(1)}$	
$Aapt_{old}$	$aapt_E^{E(1)}$	$Sender$	Bob
ID_{nxt}	$Charlie$	$Receiver$	$Charlie$
$Aapt_{new}$	$aapt_B^{E(1)}$	AN	$aapt_B^{E(1)}$
...	...		

$$pseudo\left(Charlie, aapt_c^{E(1)} \right) \Rightarrow psd_c^{E(1)}$$

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

$Reply_C^{E(1)}$	
$Sender$	Bob
$Receiver$	$psd_c^{E(1)}$
AN	$aapt_c^{E(1)}$

