- Module SV $-$				
$p(oid1, oid2, sv) \stackrel{\Delta}{=} $ Is $oid1$ totally ordered before $oid2$ according to sv ?				
Let $pos1 \triangleq FirstIndexOfEl$	lementSafe ((sv, oid1)	0 if oid1 is not	in sv
$pos2 \stackrel{\Delta}{=} FirstIndexOfEl$	lementSafe((sv, oid2)	0 if oid2 is not	in sv
IN IF $pos1 \neq 0 \land pos2 \neq 0$	Case (1): bo	oth have been	n at the server	
THEN $pos1 < pos2$	THEN $pos1 < pos2$ using the order in which they arrived at the server			
ELSE IF $pos1 = 0 \land pos2 = 0$		Case (2): none has been at the server		
THEN $oid1.seq < oid2.seq$ using the order they were generated				
ELSE $pos1 \neq 0$ Case (3): the one that has been at the server is ahead				