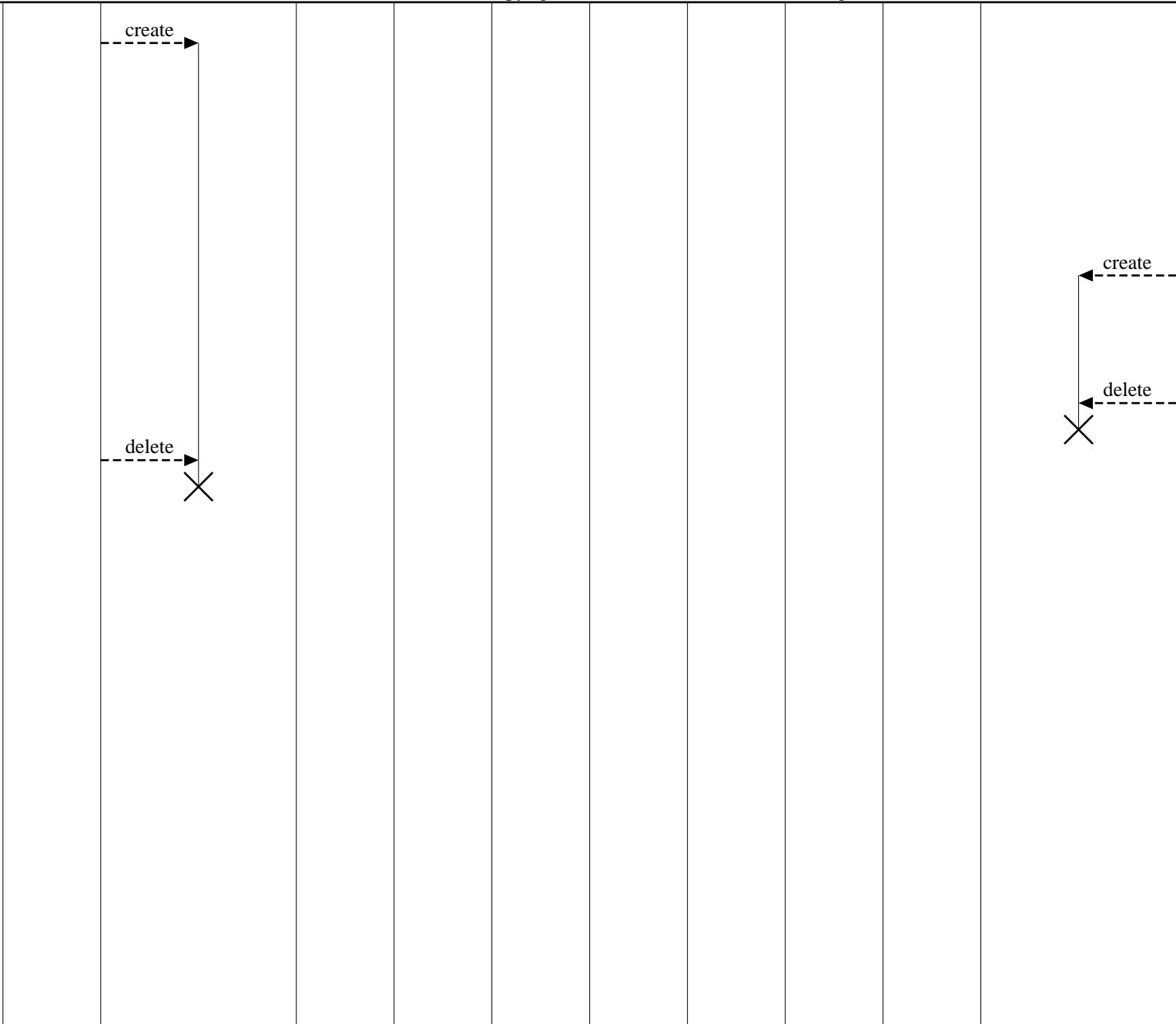


LEG: E1 slot available for V5.2 Subscriber
LEG: DTMF Dialling Subscriber
LEG: Complete Dialling
LEG: Routing is successful
LEG: Called Subscriber is free

LEG: Called Subscriber answers
LEG: Calling Subscriber hangs up

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LEG: E1 slot available for V5.2 Subscriber

LEG: DTMF Dialling Subscriber

LEG: Complete Dialling

LEG: Routing is successful

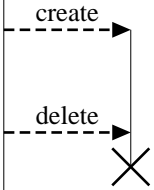
LEG: Called Subscriber is free

LEG: Called Subscriber answers

LEG: Called Subscriber goes onhook

Isup_call Interfaces (V5.2: E1 slot not available)													
xenon													EventStudio 1.0.2
xen1						cas		xen2					22-Oct-00 19:27 (Page 3)
dsp1	v5 mgr1	v5 call1	E1 mgr1	ts mgr1	tone mgr1	rout mgr	ss mgr	tone mgr2	ts mgr2	E1 mgr2	v5 call2	v5 mgr2	

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LEG: E1 slot not available for V5.2 Subscriber

Isup_call Interfaces (V5.2: Partial dialling)

xenon												EventStudio 1.0.2		
xen1						cas		xen2				22-Oct-00 19:27 (Page 4)		
dsp1	v5 mgr1	v5 call1	E1 mgr1	ts mgr1	tone mgr1	rout mgr	ss mgr	tone mgr2	ts mgr2	E1 mgr2	v5 call2	v5 mgr2		

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create

delete



LEG: E1 slot available for V5.2 Subscriber

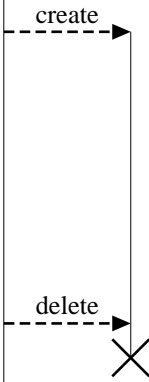
LEG: DTMF Dialling Subscriber

LEG: No Dialling or Partial Dialling

Isup_call Interfaces (V5.2: Directory number unknown)

xenon												EventStudio 1.0.2		
xen1						cas		xen2				22-Oct-00 19:27 (Page 5)		
dsp1	v5 mgr1	v5 call1	E1 mgr1	ts mgr1	tone mgr1	rout mgr	ss mgr	tone mgr2	ts mgr2	E1 mgr2	v5 call2	v5 mgr2		

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LEG: E1 slot available for V5.2 Subscriber
LEG: DTMF Dialling Subscriber
LEG: Complete Dialling
LEG: Call failed: DN unknown or All trunks to the Route are busy

Isup_call Interfaces (V5.2: Called subscriber is busy)

xenon

EventStudio 1.0.2

xen1

cas

xen2

dsp1

v5 mgr1

v5 call1

E1 mgr1

ts mgr1

tone mgr1

rout mgr

ss mgr

tone mgr2

ts mgr2

E1 mgr2

v5 call2

v5 mgr2

22-Oct-00 19:27 (Page 6)

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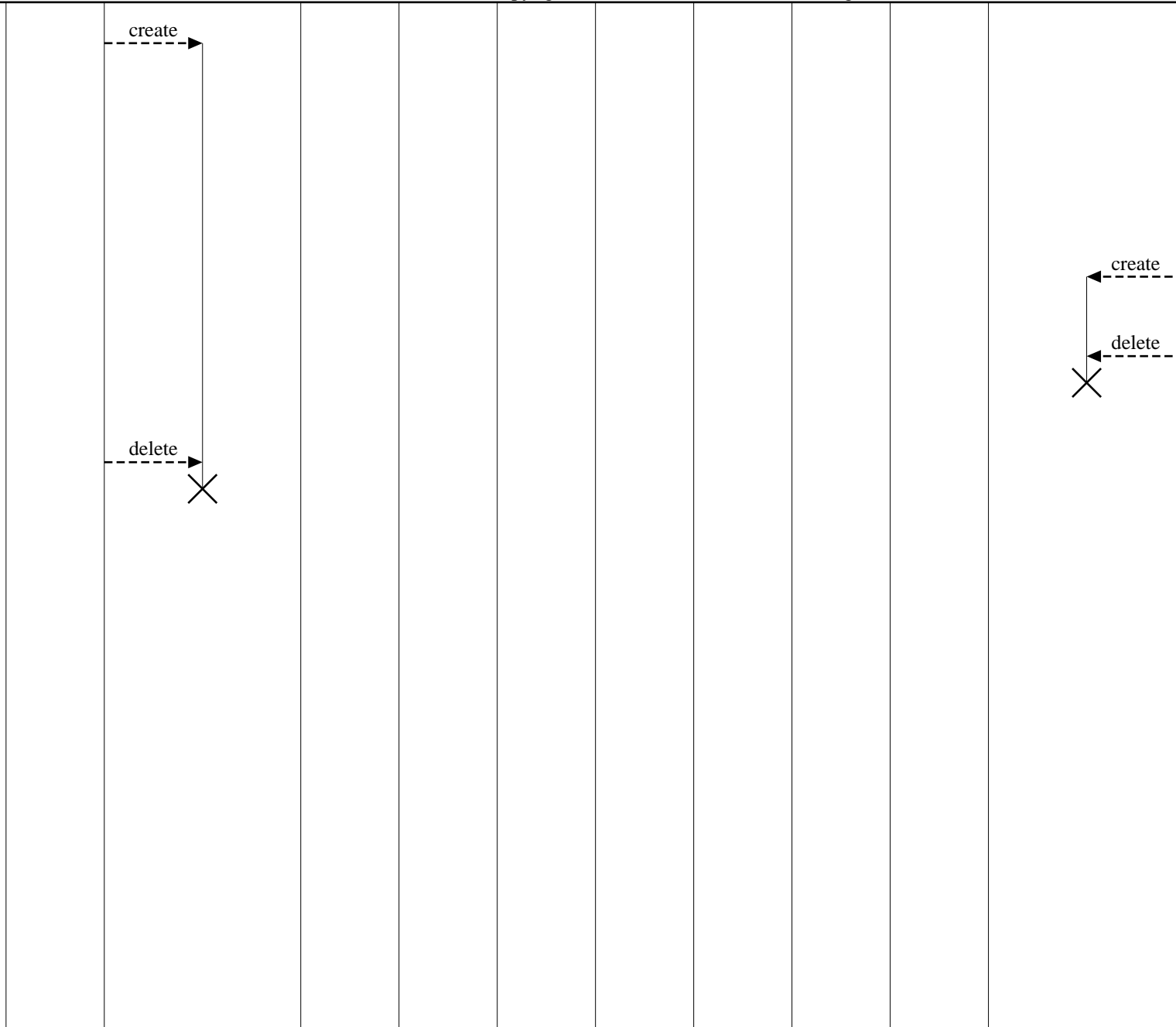
create

delete



- LEG: E1 slot available for V5.2 Subscriber**
- LEG: DTMF Dialling Subscriber**
- LEG: Complete Dialling**
- LEG: Routing is successful**
- LEG: Called Subscriber is busy**
- LEG: Calling Subscriber goes onhook on hearing Busy tone**

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LEG: E1 slot available for V5.2 Subscriber

LEG: DTMF Dialling Subscriber

LEG: Complete Dialling

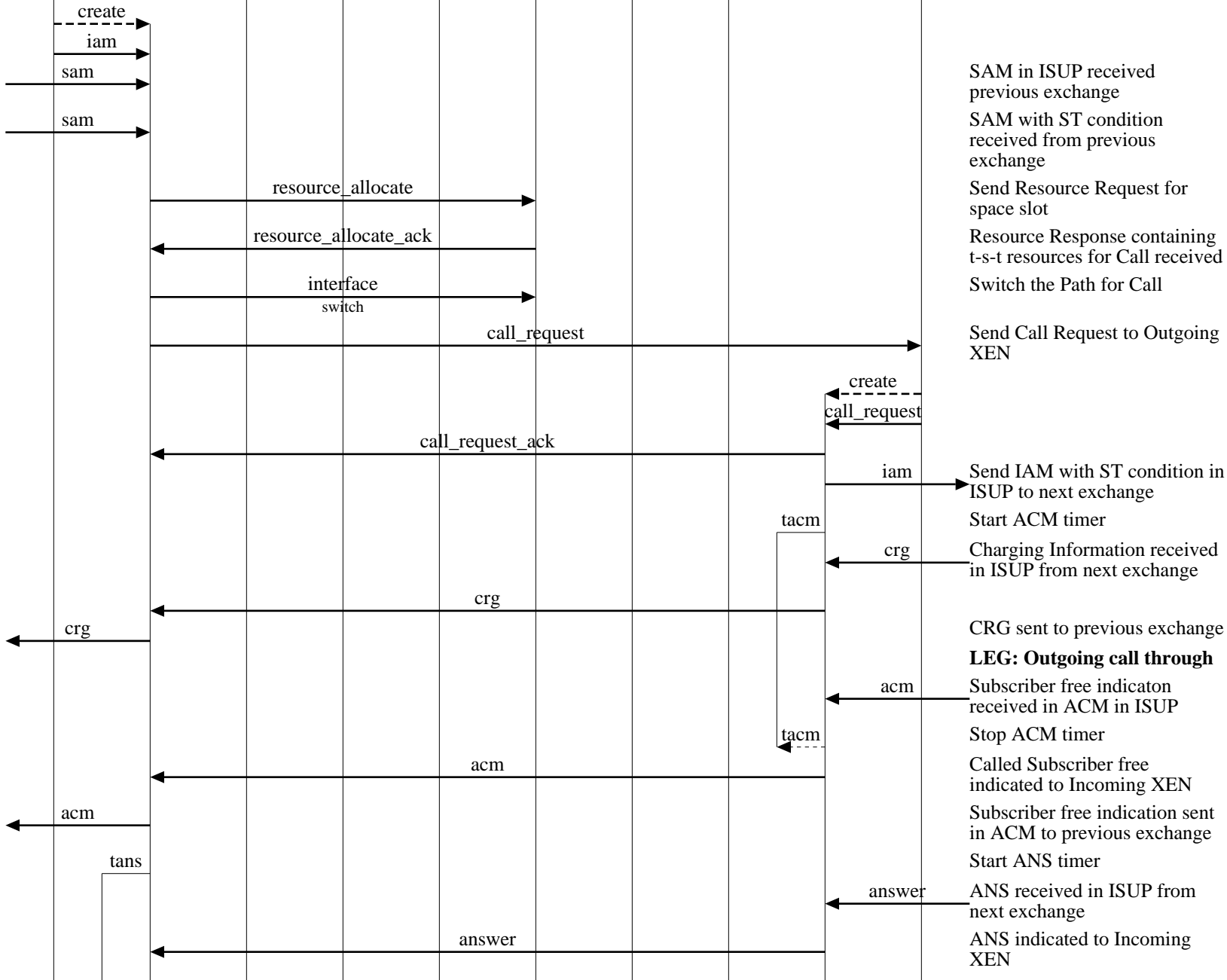
LEG: Routing is successful

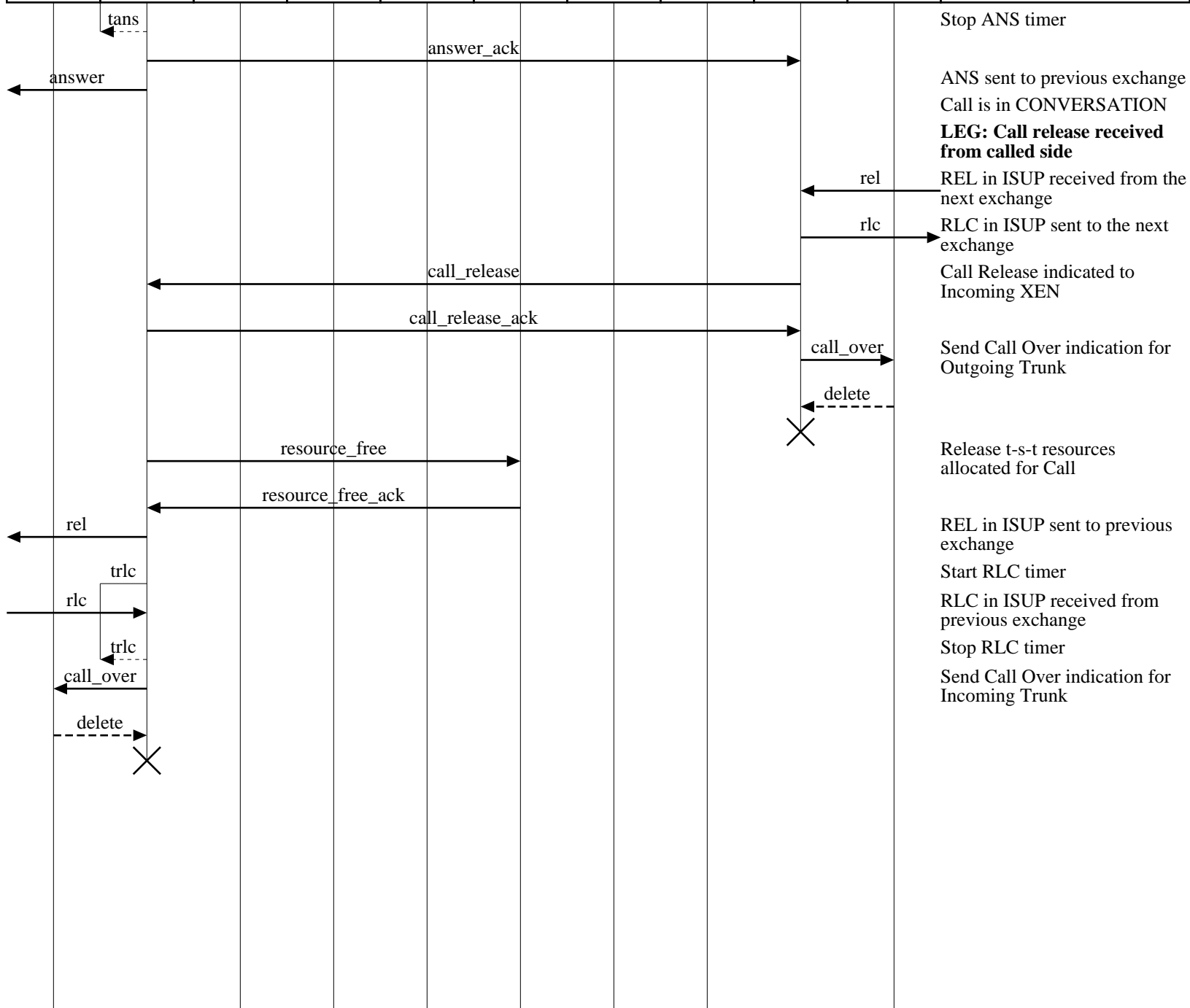
LEG: Called Subscriber is free

LEG: Called Subscriber does not answer

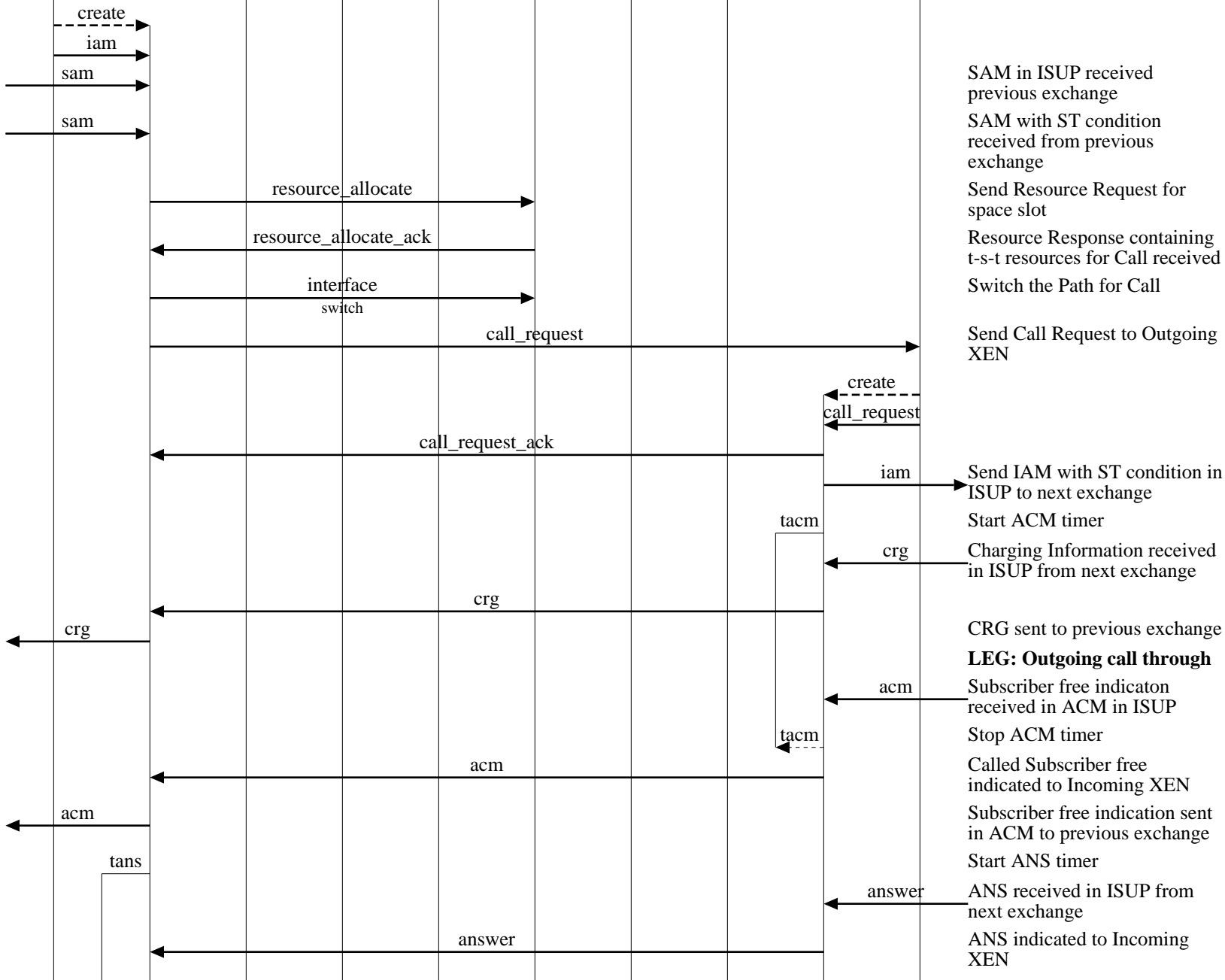
LEG: Calling Subscriber clears on hearing Congestion

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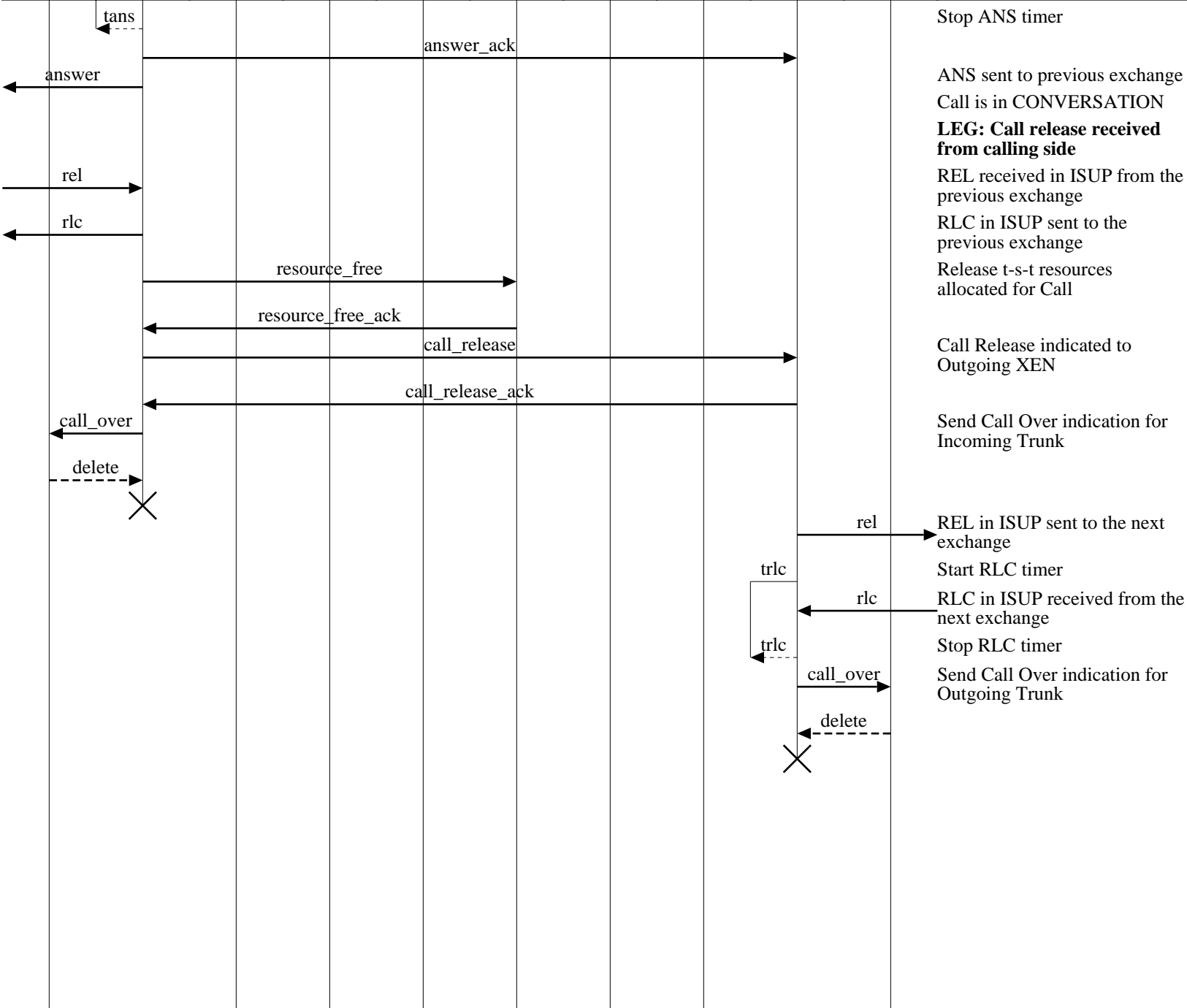


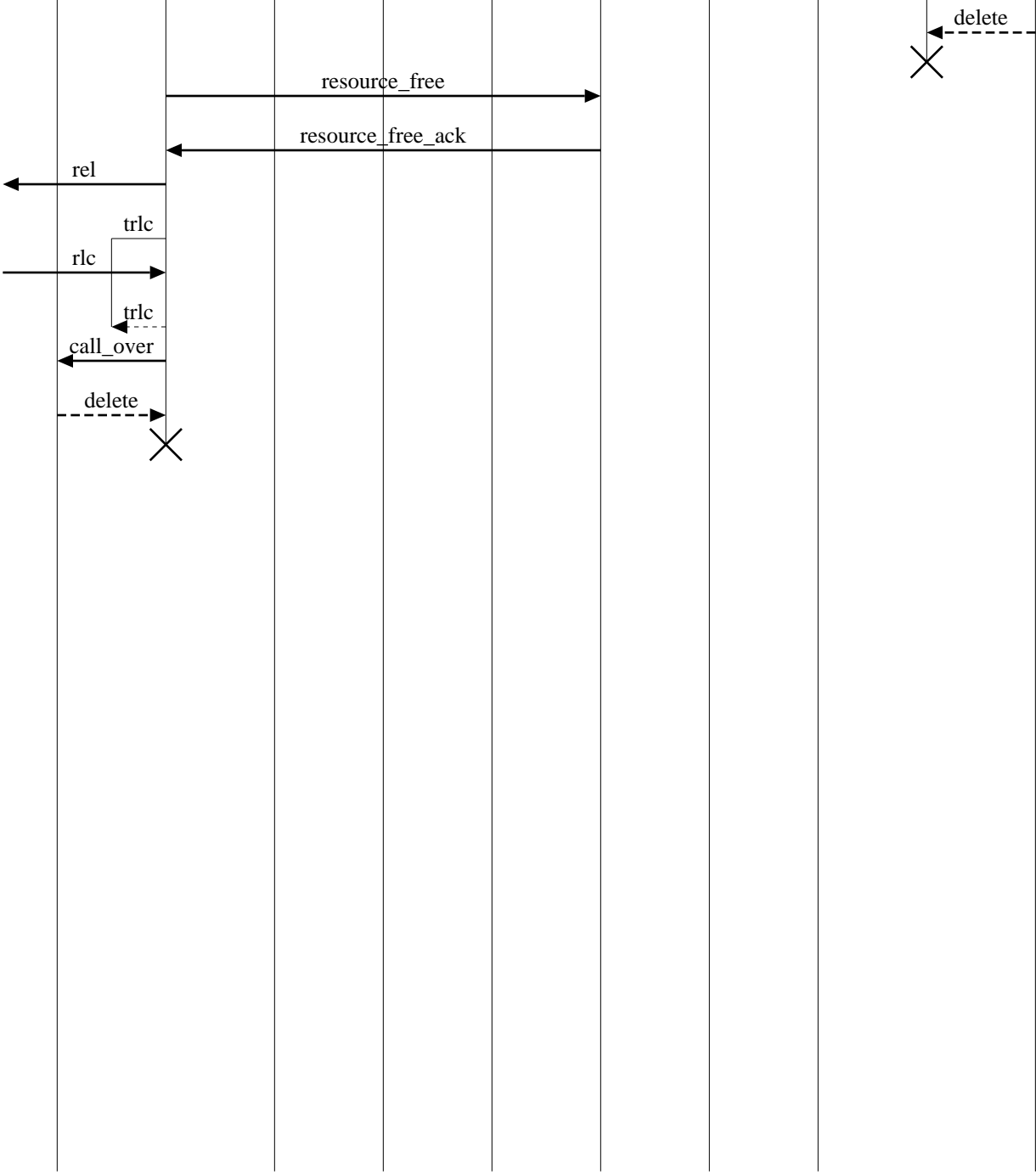


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Isup_call Interfaces (ISUP - ISUP: Successful call; release from previous exchange)										
xenon								EventStudio 1.0.2		
xen1				cas		xen2				
isup mgr1	isup call1	ts mgr1	tone mgr1	rout mgr	ss mgr	ts mgr2	tone mgr2	isup call2	isup mgr2	22-Oct-00 19:27 (Page 11)





Release t-s-t resources allocated for Call

REL in ISUP sent to previous exchange

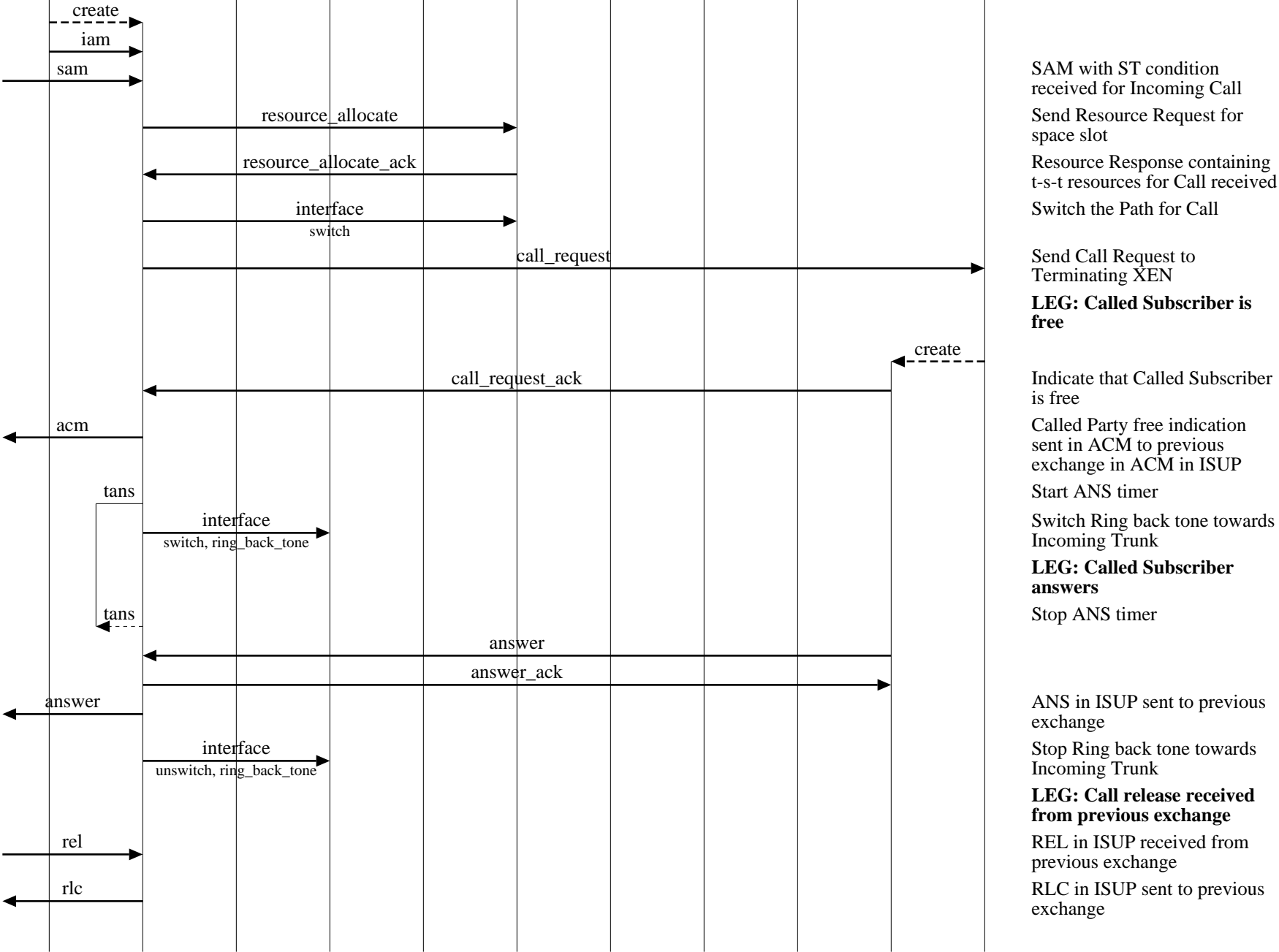
Start RLC timer

RLC in ISUP received from previous exchange

Stop RLC timer

Send Call Over indication for Incoming Trunk

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SAM with ST condition received for Incoming Call
 Send Resource Request for space slot
 Resource Response containing t-s-t resources for Call received
 Switch the Path for Call

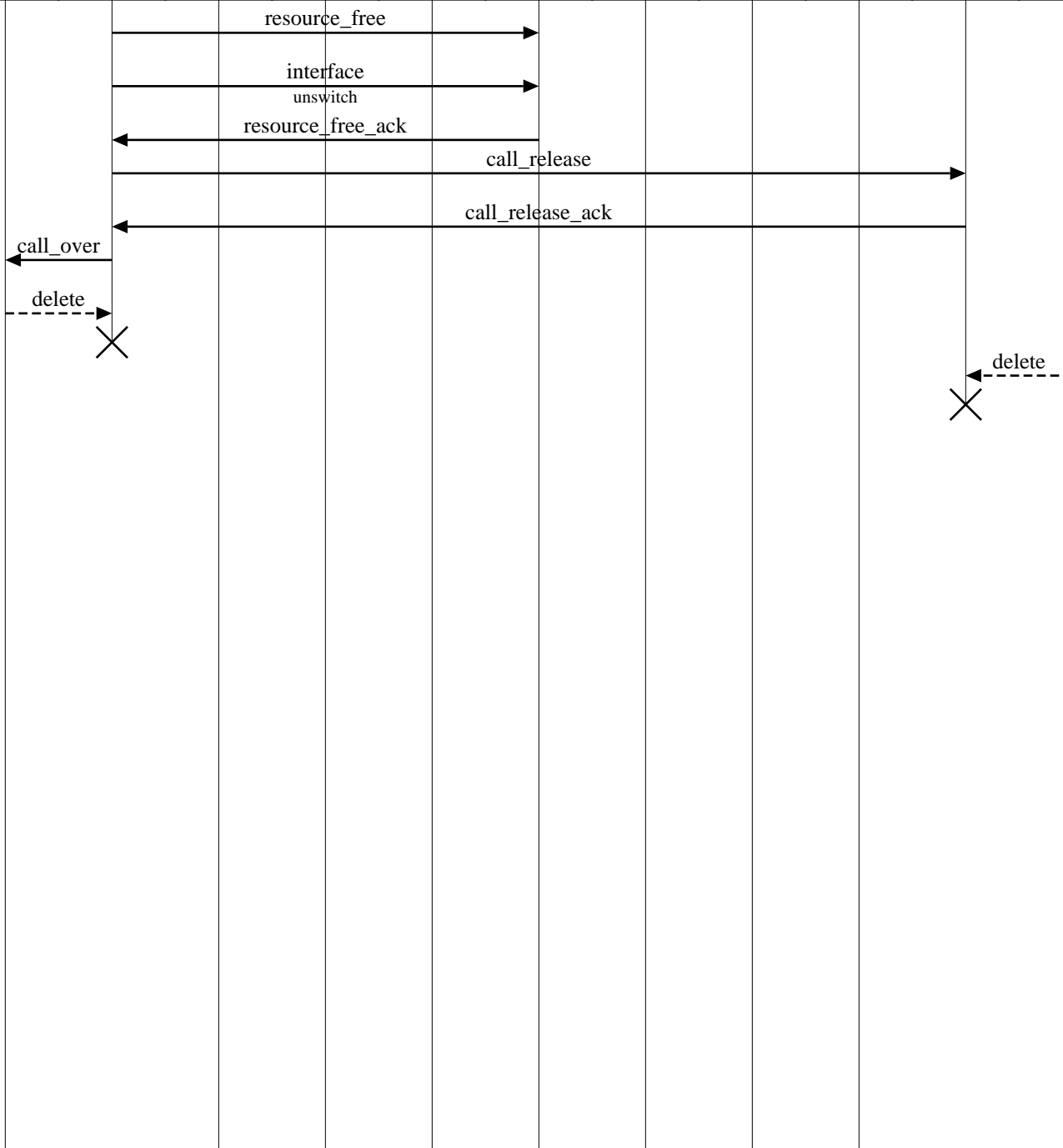
Send Call Request to Terminating XEN
LEG: Called Subscriber is free

Indicate that Called Subscriber is free
 Called Party free indication sent in ACM to previous exchange in ACM in ISUP
 Start ANS timer
 Switch Ring back tone towards Incoming Trunk
LEG: Called Subscriber answers
 Stop ANS timer

ANS in ISUP sent to previous exchange
 Stop Ring back tone towards Incoming Trunk
LEG: Call release received from previous exchange
 REL in ISUP received from previous exchange
 RLC in ISUP sent to previous exchange

Isup_call Interfaces (ISUP - V5.2: Successful call)

xenon											EventStudio 1.0.2
xen1				cas		xen2					22-Oct-00 19:27 (Page 15)
isup mgr1	isup call1	ts mgr1	tone mgr1	rout mgr	ss mgr	tone mgr2	ts mgr2	E1 mgr2	v5 call2	v5 mgr2	

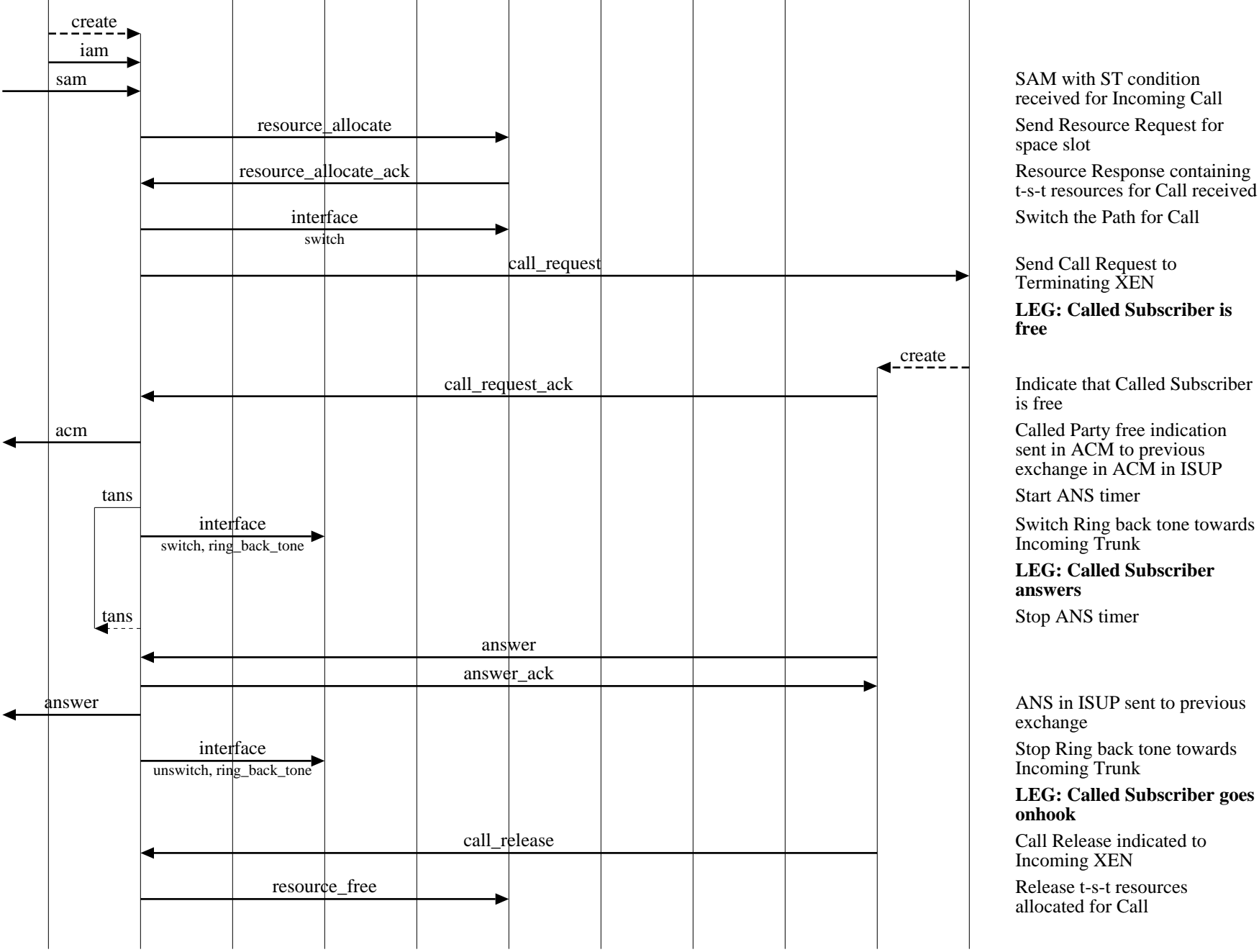


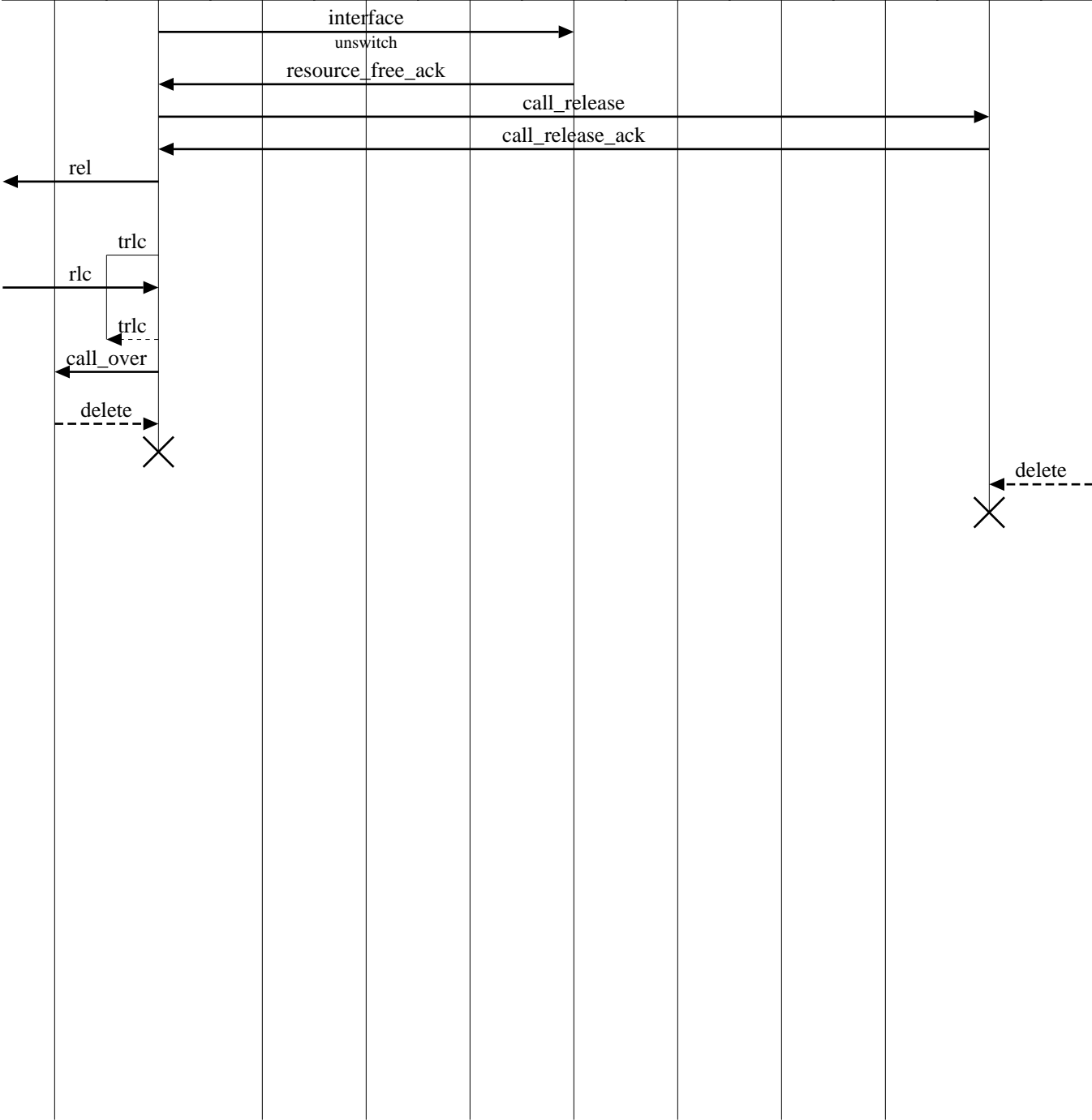
Release t-s-t resources allocated for Call
Unswitch the Path for Call

Call Release indicated to Terminating XEN

Send Call Over indication for Incoming Trunk

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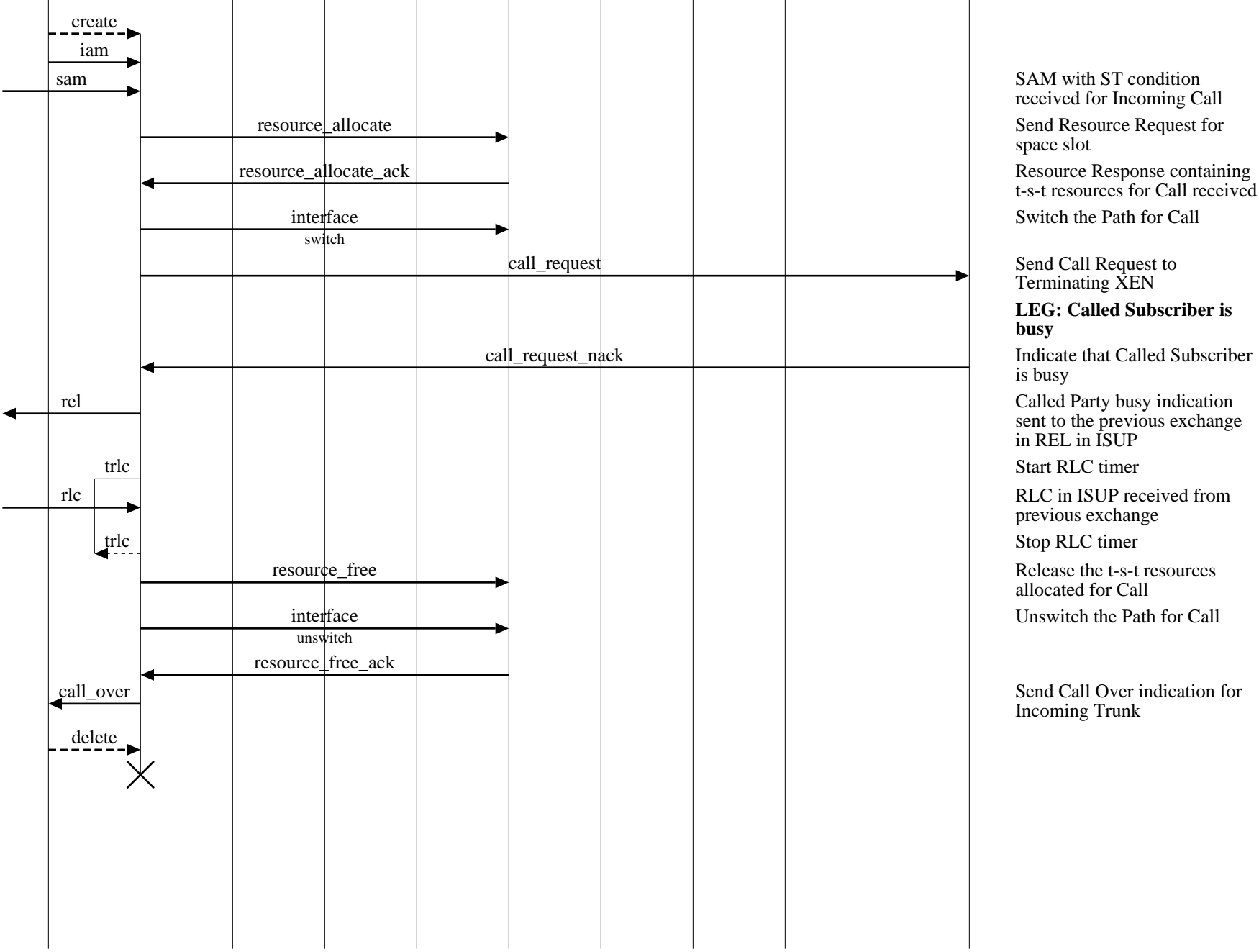




Unswitch the Path for Call

Call Release indication sent to the previous exchange in REL in ISUP
 Start RLC timer
 RLC in ISUP received from previous exchange
 Stop RLC timer
 Send Call Over indication for Incoming Trunk

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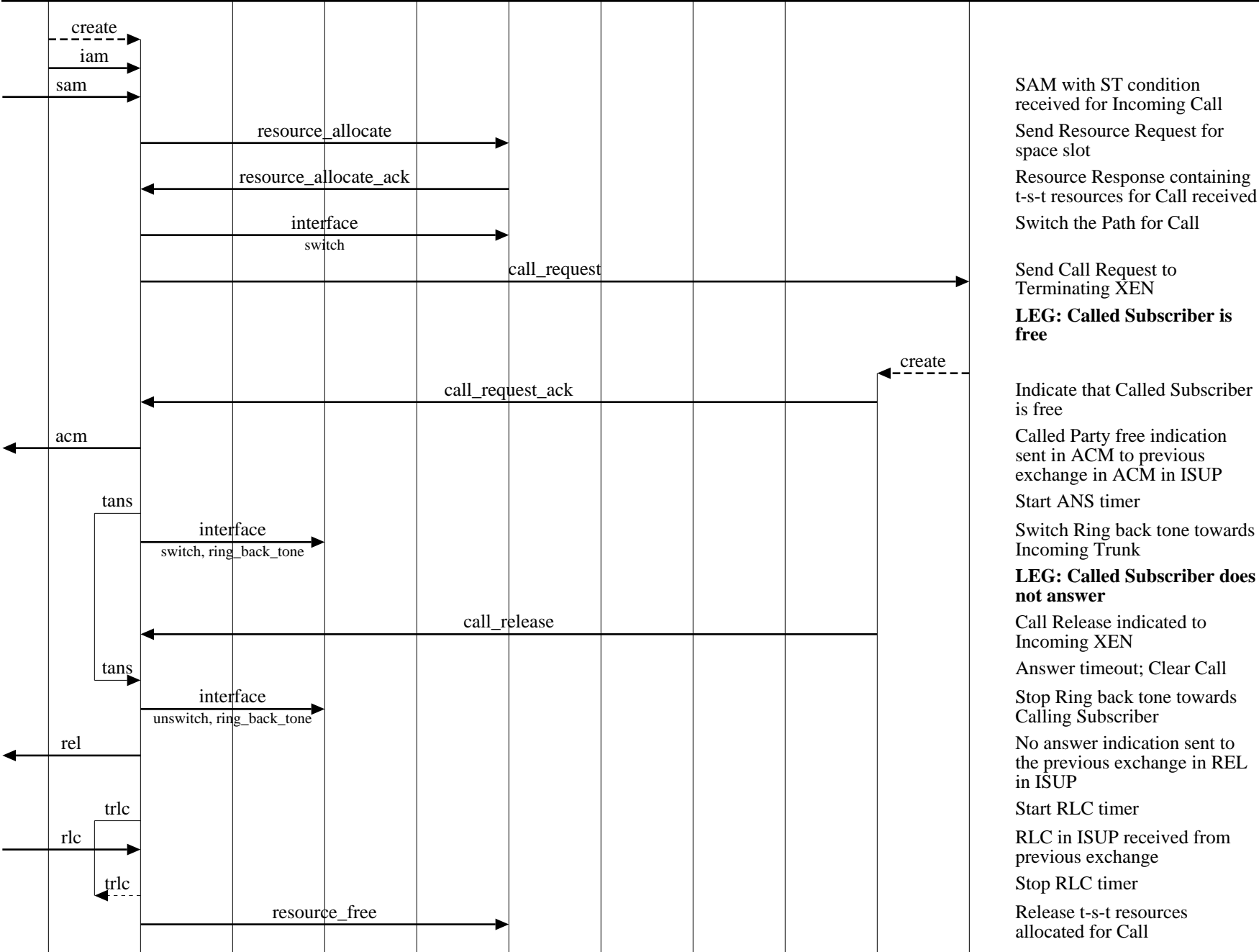


SAM with ST condition received for Incoming Call
 Send Resource Request for space slot
 Resource Response containing t-s-t resources for Call received
 Switch the Path for Call

Send Call Request to Terminating XEN
LEG: Called Subscriber is busy
 Indicate that Called Subscriber is busy
 Called Party busy indication sent to the previous exchange in REL in ISUP
 Start RLC timer
 RLC in ISUP received from previous exchange
 Stop RLC timer
 Release the t-s-t resources allocated for Call
 Unswitch the Path for Call

Send Call Over indication for Incoming Trunk

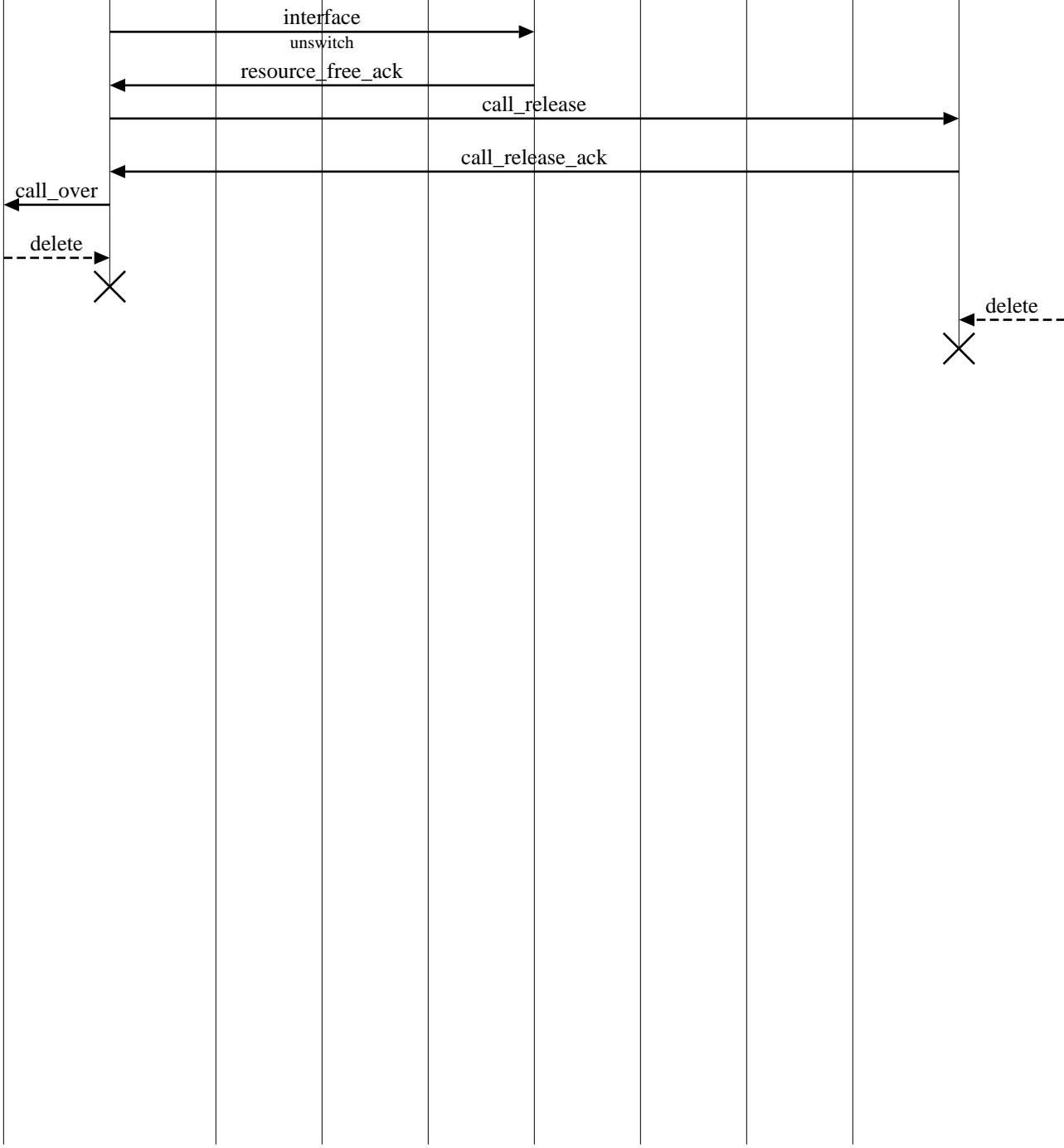
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SAM with ST condition received for Incoming Call
 Send Resource Request for space slot
 Resource Response containing t-s-t resources for Call received
 Switch the Path for Call

Send Call Request to Terminating XEN
LEG: Called Subscriber is free

Indicate that Called Subscriber is free
 Called Party free indication sent in ACM to previous exchange in ACM in ISUP
 Start ANS timer
 Switch Ring back tone towards Incoming Trunk
LEG: Called Subscriber does not answer
 Call Release indicated to Incoming XEN
 Answer timeout; Clear Call
 Stop Ring back tone towards Calling Subscriber
 No answer indication sent to the previous exchange in REL in ISUP
 Start RLC timer
 RLC in ISUP received from previous exchange
 Stop RLC timer
 Release t-s-t resources allocated for Call



Unswitch the Path for Call

Call Release indicated to Terminating XEN

Send Call Over indication for Incoming Trunk

Isup_call Interfaces (V5.2 - ISUP: Successful call)

xenon

EventStudio 1.0.2

xen1

cas

xen2

dsp1

v5 mgr1

v5 call1

E1 mgr1

ts mgr1

tone mgr1

rout mgr

ss mgr

ts mgr2

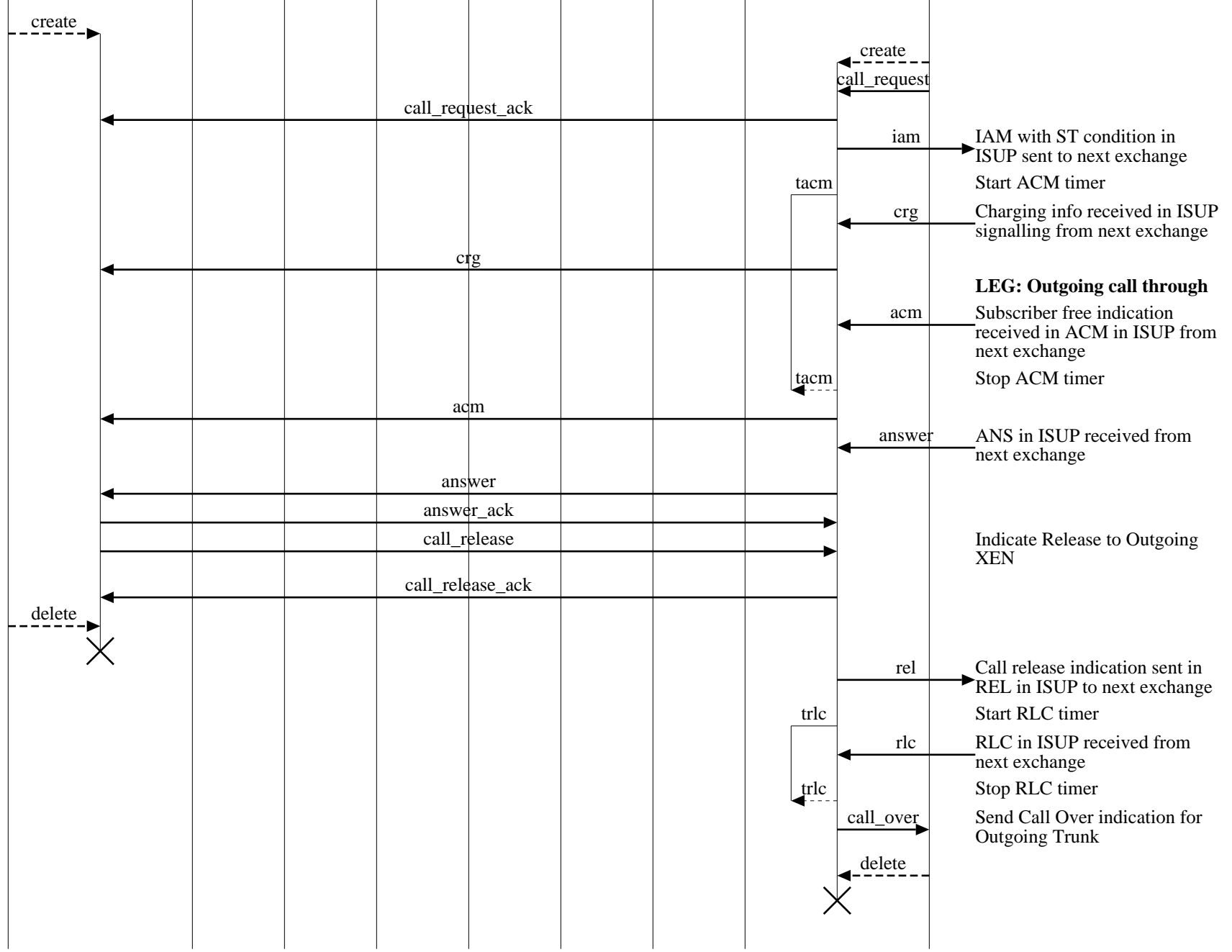
tone mgr2

isup call2

isup mgr2

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Isup_call Interfaces (V5.2 - ISUP: Outgoing call failed)

xenon

EventStudio 1.0.2

xen1

cas

xen2

dsp1 | v5 mgr1 | v5 call1 | E1 mgr1 | ts mgr1 | tone mgr1 | rout mgr | ss mgr | ts mgr2 | tone mgr2 | isup call2 | isup mgr2

22-Oct-00 19:27 (Page 22)

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