



```
(Rx_RESERVE)&&  
((recRSN>=currRSN)||newFlowID)&&  
(currSII)&&(Replace="On")&&(RMF="AVAIL")
```

```
Update QoS state  
If (RII) Tx_RESERVE(RII,QSPEC)  
else Tx_RESERVE(RSN,QSPEC);  
If (ACK="On")&&(IRII) tx_RESPONSE(RSN,E_SPEC="0x02?");
```

\*9

QoS installed

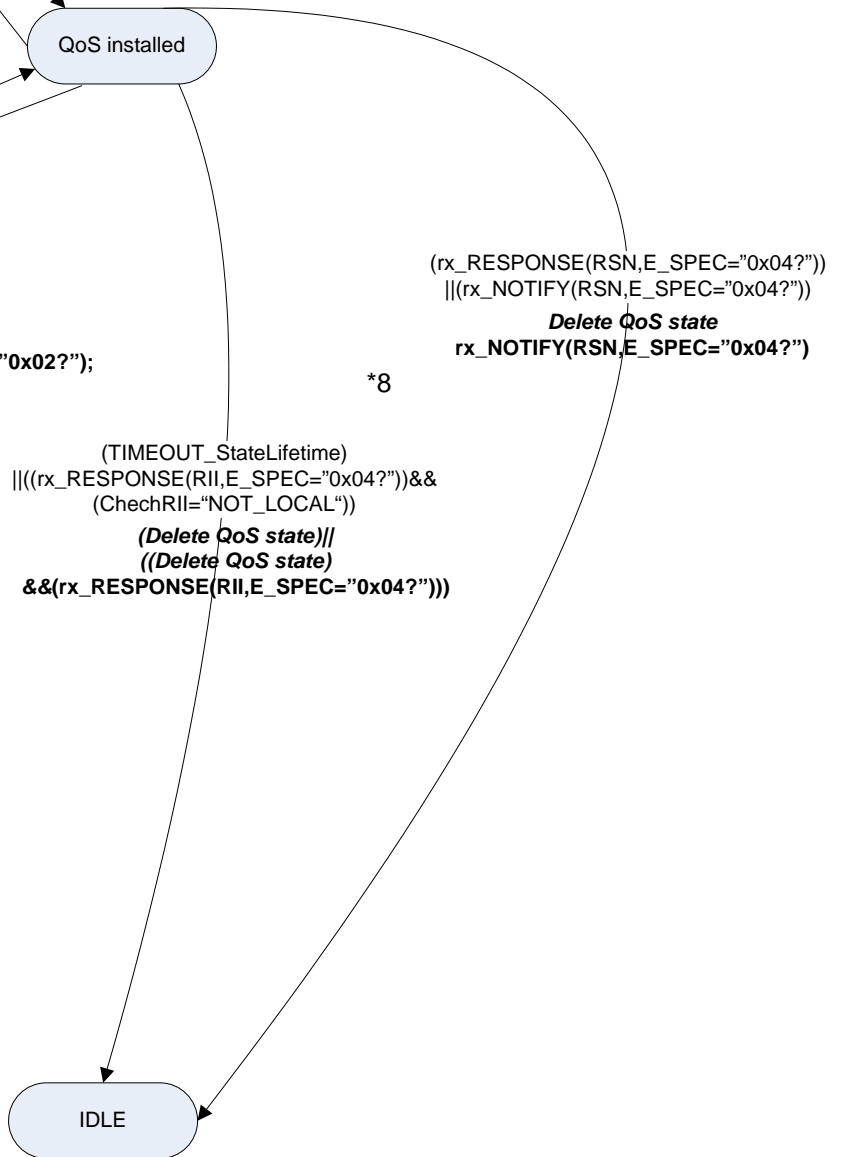
```
(Rx_RESERVE)&&(newSII)&&(RMF="AVAIL")  
&&((recRSN>=currRSN)||newFlowID))  
Update QoS state  
If (RII) Tx_RESERVE(RII,QSPEC)  
else Tx_RESERVE(RSN,QSPEC);  
If (Replace="On") tx_Reserve(Ton) to currSII  
If (ACK="On")&&(IRII) tx_RESPONSE(RSN,E_SPEC="0x02?");
```

```
(rx_RESPONSE(RSN,E_SPEC="0x04?"))  
||(rx_NOTIFY(RSN,E_SPEC="0x04?"))  
Delete QoS state  
rx_NOTIFY(RSN,E_SPEC="0x04?")
```

\*8

```
(TIMEOUT_StateLifetime)  
||((rx_RESPONSE(RII,E_SPEC="0x04?"))&&  
(ChechRII="NOT_LOCAL"))  
(Delete QoS state)!!  
((Delete QoS state  
&&(rx_RESPONSE(RII,E_SPEC="0x04?")))
```

IDLE

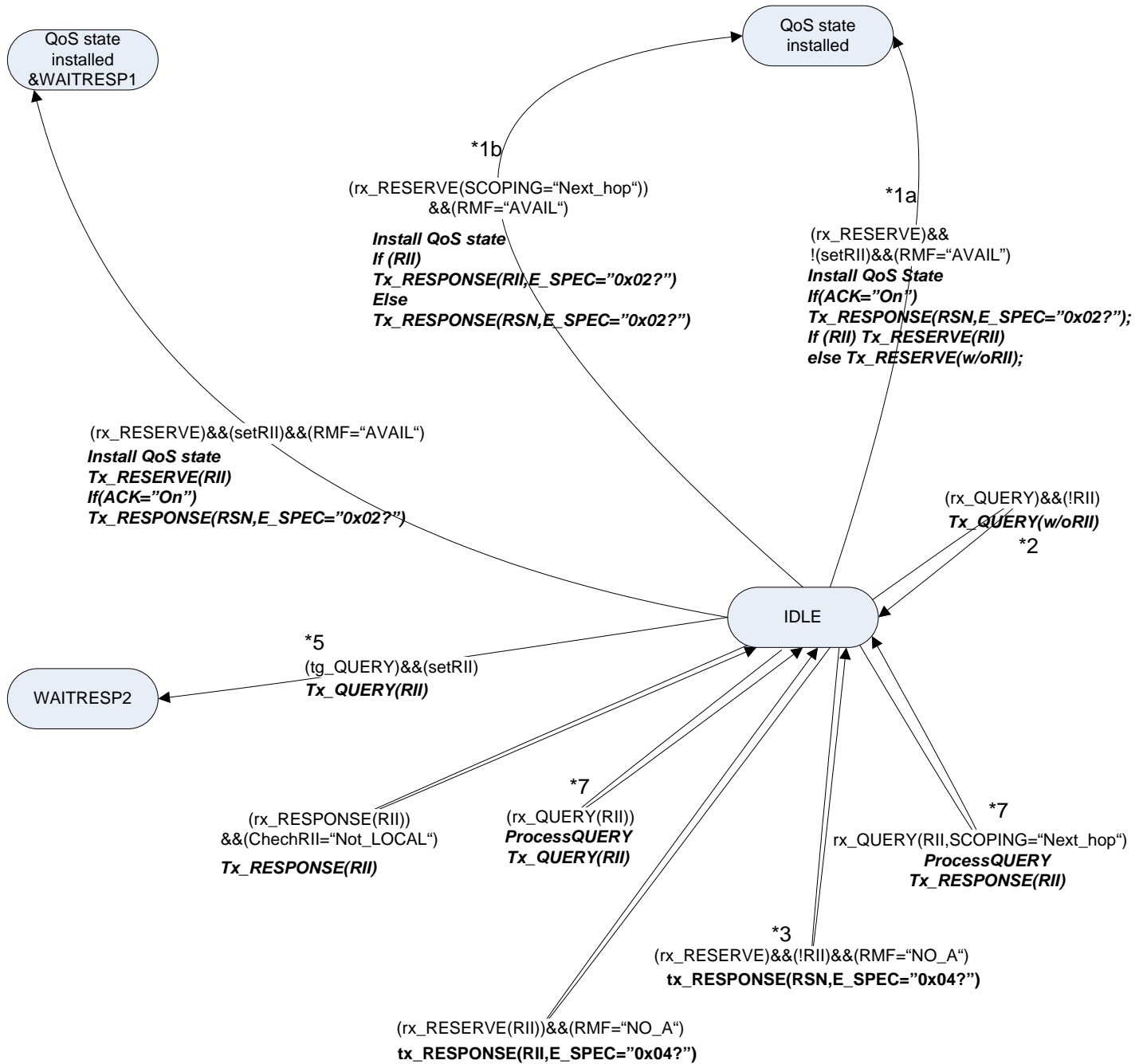


# State machine for QNE QoS NSLP node

## "IDLE" state

Notation: See QoS\_NSLP\_state\_machine\_info.doc

Further considerations: Session Binding



\*1. Successful reservation without Response request/\*1a/ and with Scoping/\*1b/.

\*2. Processing of Query msg for Receiver initiated reservation

\*3. Unsuccessful reservation with/without request for response from previous node in the path.

\*5. Processing of Query msg triggered by the application layer.

\*7. Processing of Query msg received from an upstream node.

\*8. We assume that handling of QoS state lifetime expiration event is based on the local policy of the node. NOTIFY/Reserve(Ton) messages might be sent to other peers. These issues are not described in the QoS NSLP draft.

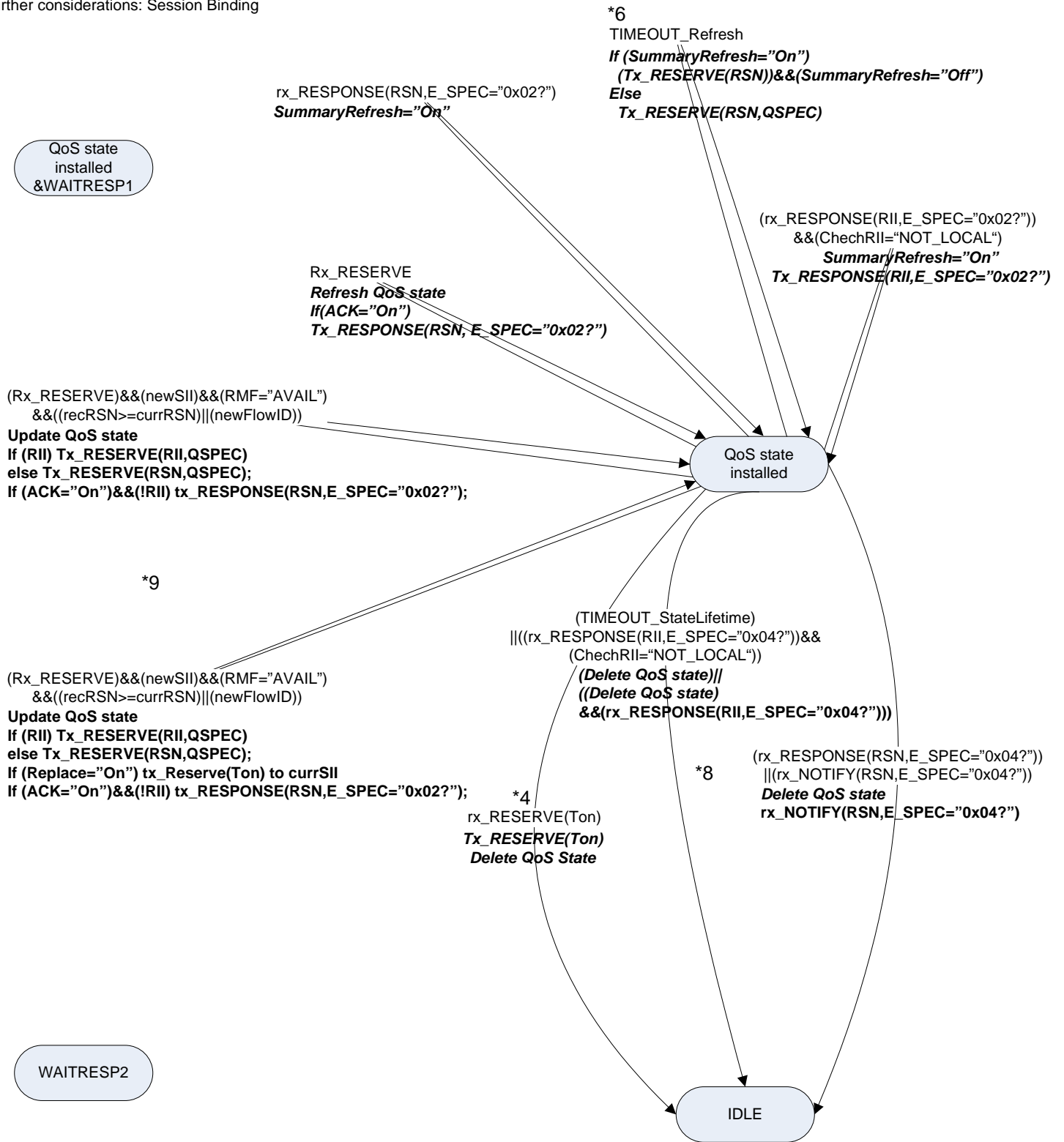
\*9. Update QoS state and Re-route functionality

# State machine for QNE QoS NSLP node

## “QoS state installed” state

Notation: See QoS\_NSLP\_state\_machine\_info.doc

Further considerations: Session Binding



\*4. Unsuccessful reservation. RII requested at the local node. NOTIFY(RSN) is sent further to the upstream nodes.

\*6. QoS State refresh procedures

\*8. We assume that handling of QoS state lifetime expiration event is based on the local policy of the node. NOTIFY/Reserve(Ton) messages might be sent to other peers. These issues are not described in the QoS NSLP draft.

\*9. Update QoS state and Re-route functionality

# State machine for QNE QoS NSLP node

“QoS state Installed & WaitRESP1” state

“WaitRESP2” state

Notation: See QoS\_NSLP\_state\_machine\_info.doc

Further considerations: Session Binding

