

P802.1CBec



State Machines of the modified SeqGen and SeqRcvy

IEEE 802.1 TSN TG
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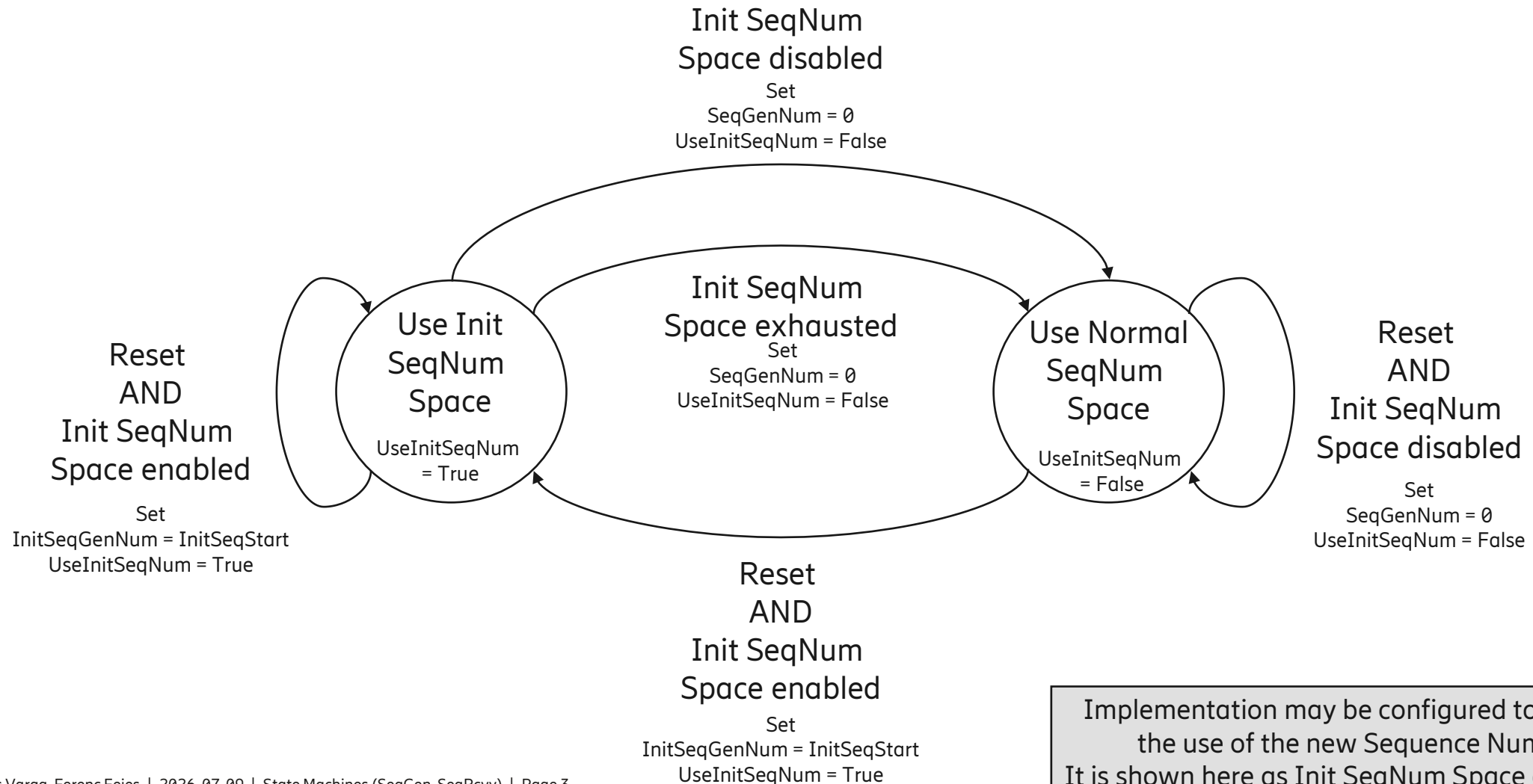
State Machines of SeqGen and SeqRcvy



- One of the steps towards a pseudocode ...
- There are
 - TWO sequence number spaces
 - TWO flags
 - Many new variables ...
 - Each SeqNumSpace has its own set (e.g., distinguished by an “Init” prefix)
 - Management variables (e.g., for usage of the InitSeqNumSpace)

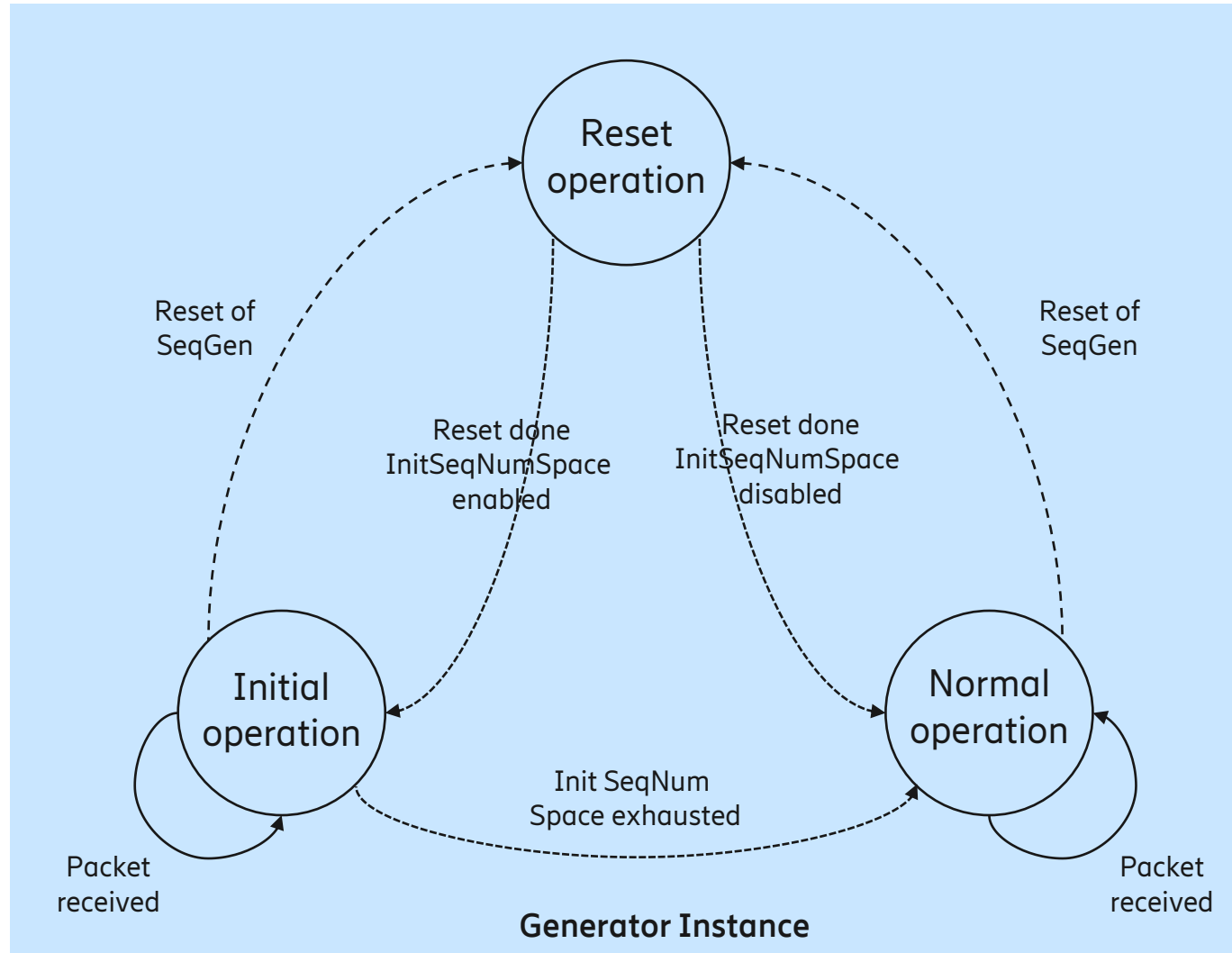
SeqGen

Which SeqNum Space to use for the next packet to be sent?



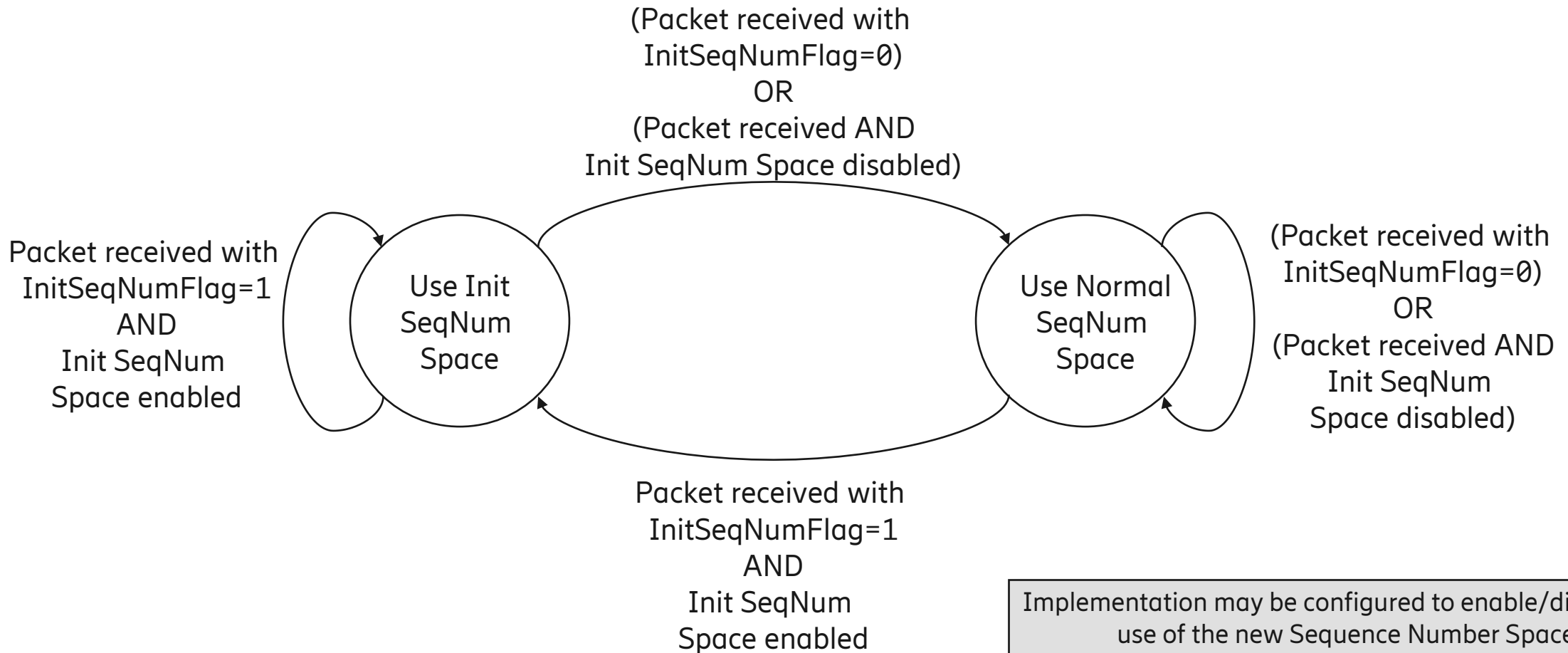
State Machine of SeqGen

Operational states



SeqRcvy

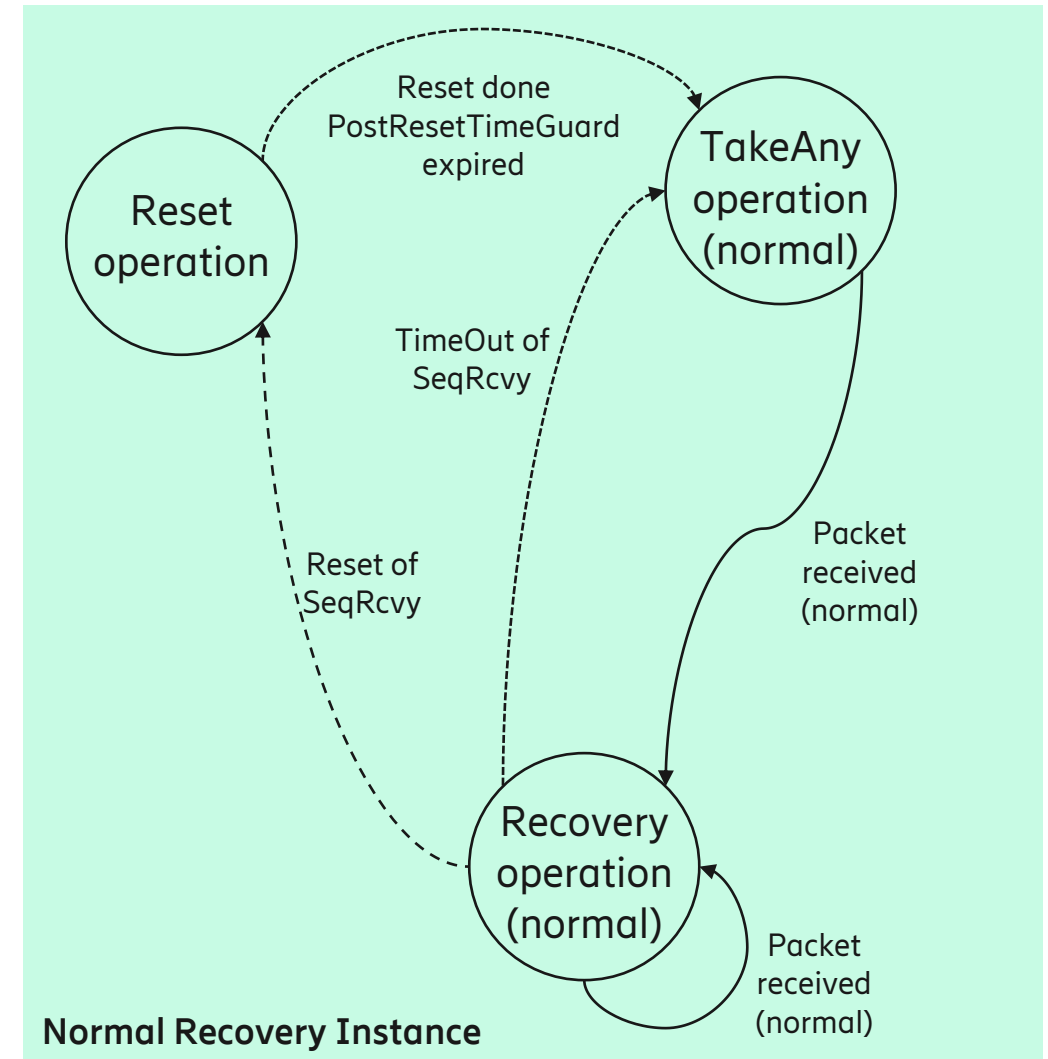
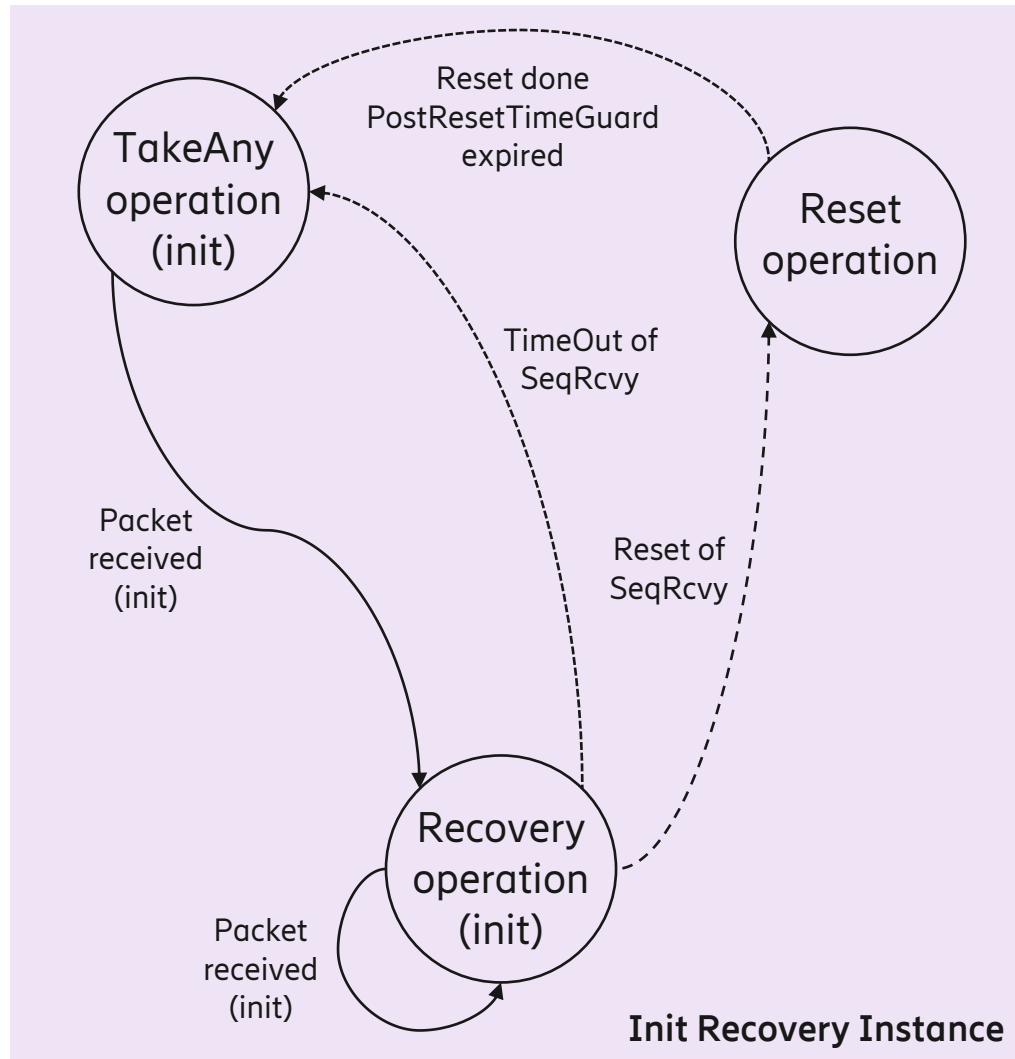
Which SeqNum Space to use for a received packet?



Implementation may be configured to enable/disable the use of the new Sequence Number Space. It is shown here as Init SeqNum Space enabled/disabled

State Machine of SeqRcvy

Operational states





Discussion