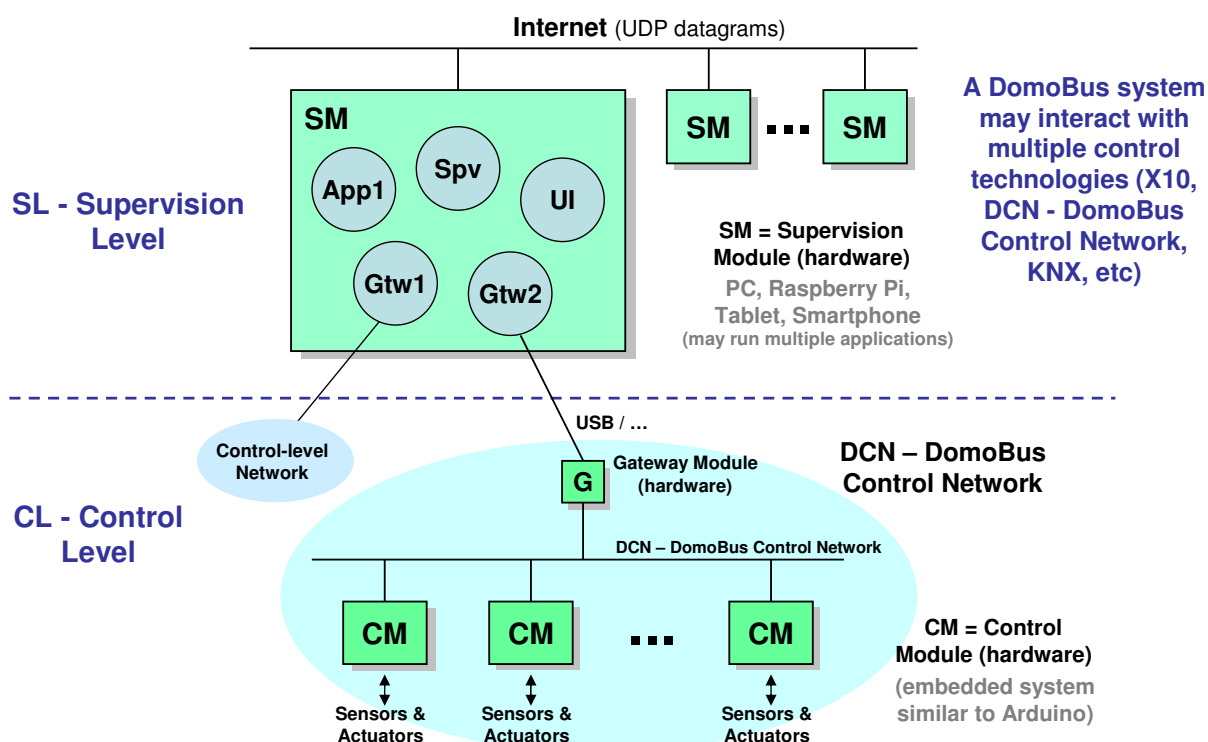


# DomoBus Architecture

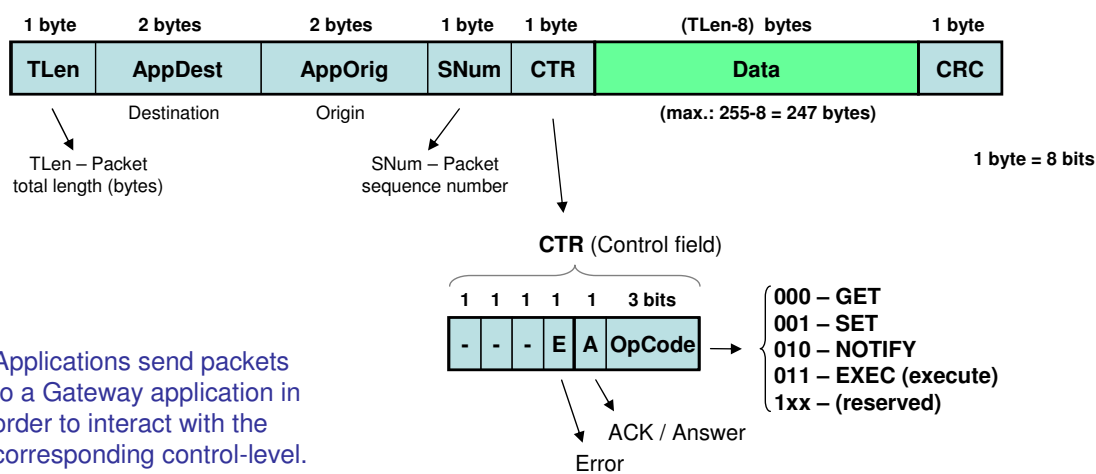


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1

## DomoBus\_SL Packet Format

(SL = Supervision-Level)



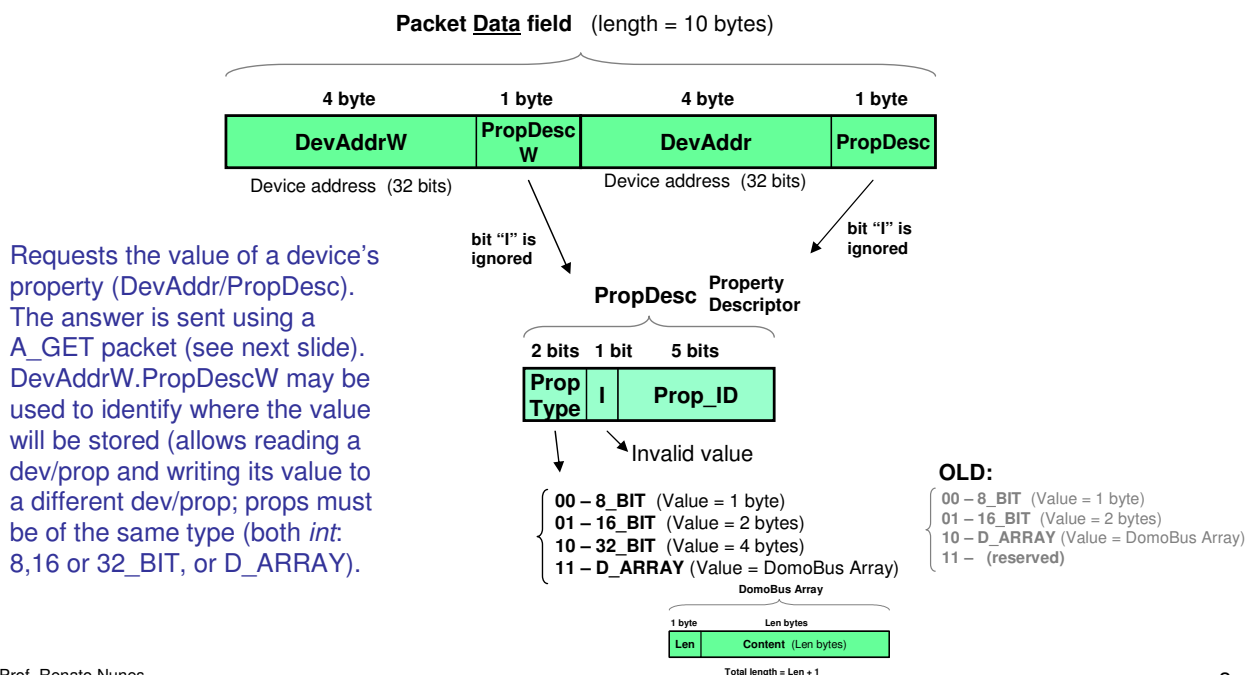
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2

# DomoBus\_SL Data Format

## GET Packet

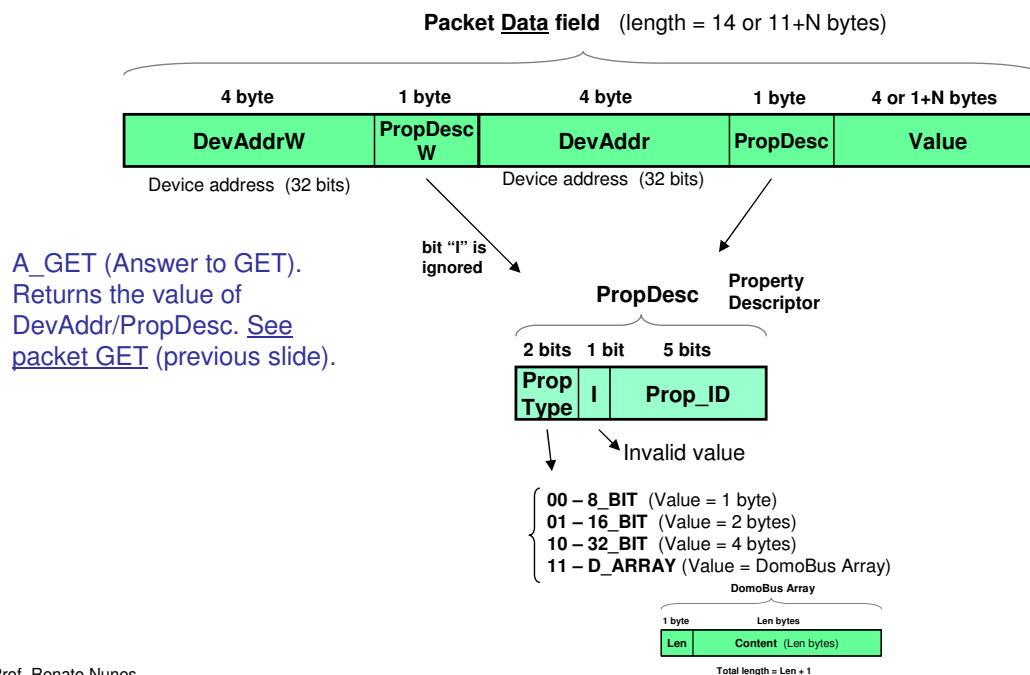
CTR . OpCode = 000 (GET)



3

# DomoBus\_SL Data Format

## A\_GET Packet

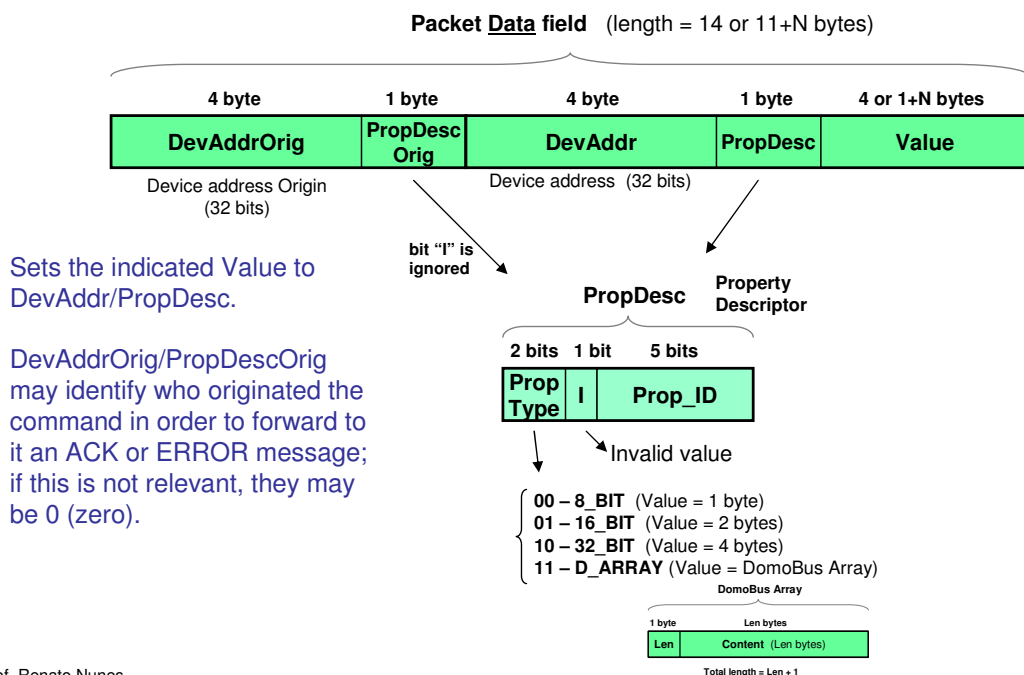
CTR.A = 1 (Answer)  
CTR . OpCode = 000 (GET)

4

# DomoBus\_SL Data Format

## SET Packet

CTR . OpCode = 001 (SET)



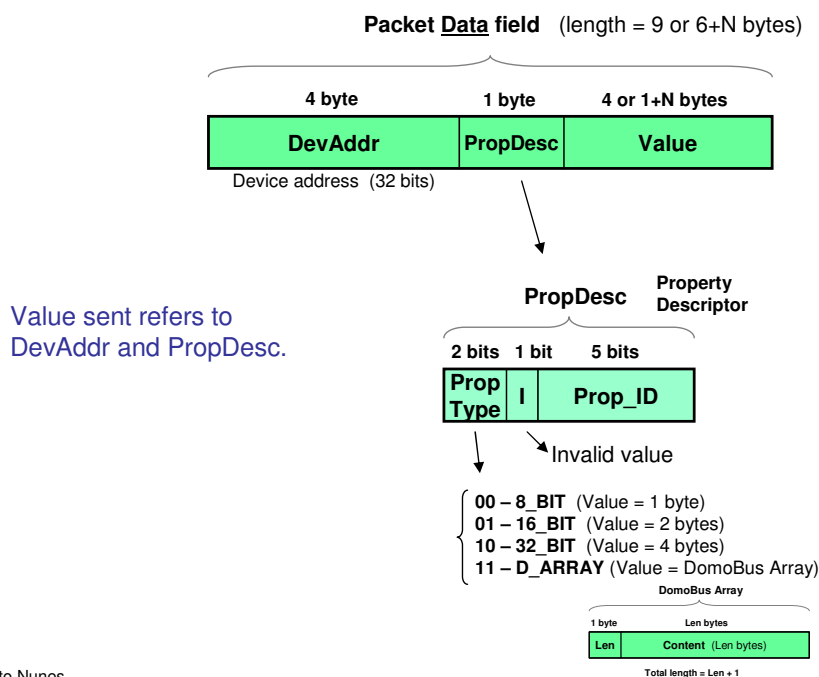
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5

# DomoBus\_SL Data Format

## NOTIFY Packet

CTR . OpCode = 010 (NOTIFY)



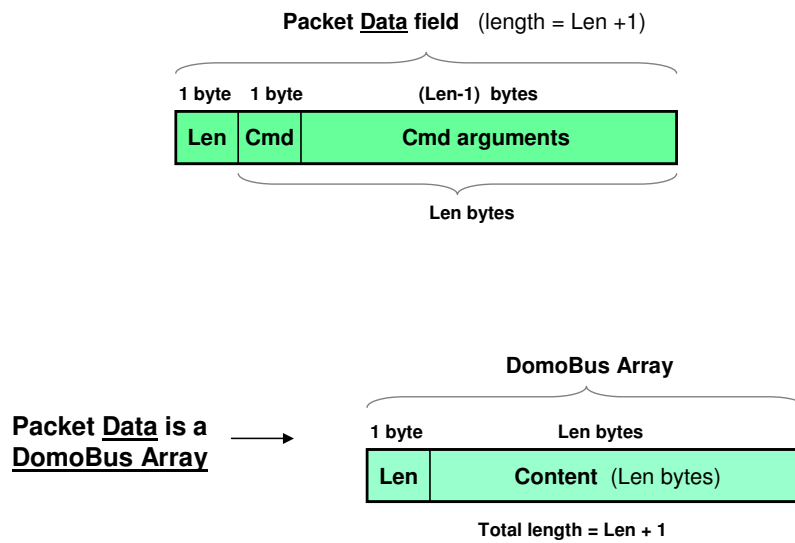
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6

# DomoBus\_SL Data Format

## EXEC Packet

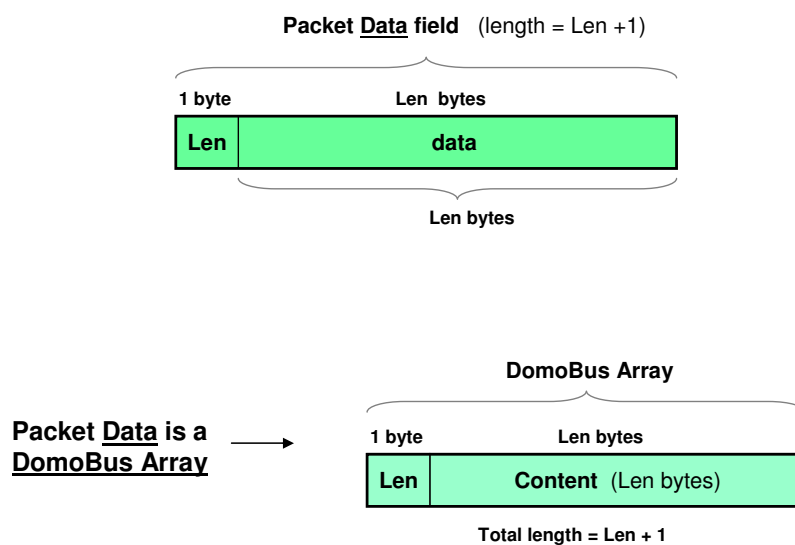
CTR . OpCode = 011 (EXEC)



# DomoBus\_SL Data Format

## Other Packets

CTR . OpCode = 1xx



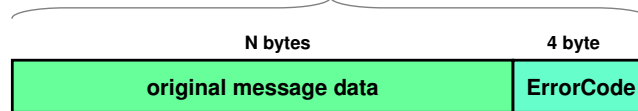
# DomoBus\_SL Data Format

## ERROR Packet

CTR.E = 1 (Error)

Applies to all OpCodes (GET, SET, NOTIFY and EXEC)

Packet Data field (length = original length + 4)



NOTE: The ErrorCode occupies always the last 4 bytes of the data field. If, when appending the error code, there is not enough free space in the msg buffer, the error code will overlap the needed bytes of the original message data.

## Structure of a Device Address (32 bits)

Used when interacting with DCN – DomoBus Control Network

Other control networks may use a different structure

Every Device Address (32 bits) is globally unique

