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Reference: This request for interpretation refers to standard ANSI/ASHRAE 135-2010, Clause 12.11.19, "Segmentation_Supported", and Clause 12.11.20, "Max_Segments_Accepted", both on page 199.

Background: The property Segmentation_Supported of the Device object indicates the segmentation capabilities of the BACnet device. Two of the possible values of this object, SEGMENTED_BOTH and SEGMENTED_RECEIVE, indicate that the device is capable of receiving segmented APDUs. Receiving segmented APDUs covers both receiving segmented confirmed requests and receiving segmented complex ACK messages.

The property Max_Segments_Accepted of the Device object indicates the maximum number of segments of an APDU that the device can receive, for both segmented requests and segmented complex ACK messages.

Interpretation: For the case that a BACnet device is claiming support of reception of segmented APDUs, indicated by SEGMENTED_BOTH or SEGMENTED_RECEIVE in the property Segmentation_Supported of the Device object, the value of the property Max_Segments_Accepted of the Device object shall have a value greater than one (1).

Question: Is this interpretation correct?

Answer: Yes.