

Clarification Request

References: 135-2008 section 12.9. Active_COV_Subscriptions, section 5.4.5.3
AWAIT_REPONSE

Background / Proposed Solution:

There has long been a recognized problem returning the value of large array properties, but Active_COV_Subscriptions was not recognized as potentially large, and is a LIST rather than an array. Thus in a device not supporting segmentation, there can potentially be an Active_COV_Subscriptions property value that cannot be returned by any BACnet means. 15 subscriptions in Active_COV_Subscriptions exceeds a 480 byte APDU_Length. What is the correct implementation of the response to ReadProperty of Active_COV_Subscriptions, if the property value cannot be returned?

Response:

Best practices to facilitate return of any property not readable by ReadRange, are to either support segmented response, restrict the number of simultaneously active COV to the maximum count which will fit within a response, or increase Max_APDU_Length_Accepted.