

**INTERPRETATION IC 135-2016-10 OF
ANSI/ASHRAE STANDARD 135-2016 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks**

Approval Date: April 17, 2018

Request from: Duffy O’Craven, Quinda Inc., 61 Hancock St., Somerville MA 02144.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clause L.7 Miscellaneous Profiles, regarding B-BBMD, B-RTR, DS-WP-B, and WriteProperty Execution.

Background: Clause K.5.30 BIBB - Network Management-Router Configuration-B (NM-RC-B), which was extensively modified at Protocol_Revision 17 by 135-2012*al*, does include this statement:

Devices claiming a Protocol_Revision less than 17 and conformance to this BIBB are not required to support WriteProperty nor the Network Port object type.

Clause K.5.38 BIBB - Network Management-BBMD Configuration-B (NM-BBMDC-B), which was newly added at Protocol_Revision 17 by 135-2012*al*, does not include any similar statement.

The 135-2016 standard, in new clauses of L.7, L.7.1, and L.7.3 which were added by 135-2012*al*, also twice included this bulleted list and included this table:

Data Sharing

- Ability to provide the values of any of its BACnet objects
- Ability to allow modification of some or all of its BACnet objects by another device

and

Data Sharing

B-RTR	B-BBMD
DS-RP-B	DS-RP-B
DS-WP-B	DS-WP-B

Neither NM-BBMDC-B nor NM-RC-B are interoperable using solely WriteProperty. The BVLC services for the former (though the required behavior of Write-Broadcast-Distribution-Table did change), and the Network Layer services for the latter, are still required to be supported, both before and beyond Protocol_Revision 17.

Interpretation: The required behavior in a device which claims B-BBMD and/or B-RTR is Protocol_Revision dependent. Devices claiming a Protocol_Revision less than 17 and conformance to either of Device Profiles B-BBMD and/or B-RTR are not required to support DS-WP-B, nor WriteProperty, nor the Network Port object type.

Question: Is this Interpretation correct?

Answer: Yes