

**INTERPRETATION IC 135-2020-7 OF  
ANSI/ASHRAE STANDARD 135-2020 BACnet® -  
A Data Communication Protocol for Building  
Automation and Control Networks**

Approval Date: November 24, 2021

**Request from:** David Robin, BSC Softworks, 4741 E. Forest Peak, Marietta, GA 30066.

**Reference:** This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2020, Clauses L.7 and K.6.4, regarding DS-WP-B requirement for B-RTR.

**Background:** Addendum *al* to 135-2020 introduced the profile B-RTR for routers. This was introduced in Protocol\_Revision 17 at the same time as the Network Port object. The Network Port object has a required-writable property when it is used in a router. Therefore, when Addendum *al* was written, the new B-RTR profile listed DS-WP-B as part of its definition table in L.7.

However, in recognition of the tradition that BIBBs are Protocol\_Revision independent wherever possible, Addendum *al* also introduced an exception to the requirement for WriteProperty by adding text to the BIBB for Network Management-Router Configuration-B (NM-RC-B), by stating:

*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.*

**Interpretation:** Since there is no defined use case for WriteProperty for routers before Protocol\_Revision 17, and NM-RC-B has a clear exception recognizing that fact, it is assumed that Table L.7 is simply missing a similar exception for DS-WP-B.

**Question:** Is this Interpretation correct?

**Answer:** Yes.