INTERPRETATION IC 135-2012-3 OF
ANSI/ASHRAE STANDARD 135-2012 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks

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Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE 135-2012, Clause K.5.23, relating to BBIB – Device Management-Object Creation and Deletion-A (DM-OCD-A).

Background: From the norm: BACnet allows object instances to be dynamically created and deleted. The A device may dynamically create and delete the object types supported by the B device.

In the second sentence there seems to be no limits on the object types that the "B device" supports for creation and deletion. So the sentence seems to imply, that the A device is required to support all defined standard object types and any proprietary object types for creation and deletion.

The BTL testplan 12.0 on the other side seems to follow the interpretation, that the A device only needs to support one object type for creation to claim DM-OCD-A.
Normally it is not an option for an vendor to simply not claim DM-OCD-A as this BIBB is required for the B-BC profile. Otherwise one could argue that the BIBB is not required as specific object types are required to be created/deleted in specific BIBBS like T-AVM-A, SCH-AVM-A, …

Even if it were considered correct that a device needs to be able to create/delete "all" object types there should be a defined number of exceptions like "device object", "network security object", …

Interpretation: A device, that claims DM-OCD-A, is only required to be able to create and delete one arbitrary object type.

Question: Is this interpretation correct?

Answer: Yes.