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.