

**INTERPRETATION IC 135-2004-29 OF
ANSI/ASHRAE STANDARD 135-2004 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 Standard 135-2004, Section 19.1.3.2, relating to creating configuration File objects in the restore process.

Background: The Standard notes that once "device B" has responded with a 'Result(+)' to the request that it start the restore process, if the configuration File objects do not exist in "device B" then "device A" must create these objects in "device B" using the CreateObject service. However, the CreateObject service has many options, including 'object type' vs. 'object instance creation, and an optional capability to initialize the File object's properties.

However, object creation does not succeed if even a single property in the initialization list cannot be initialized, and there is no guarantee that a created but uninitialized property will be writable. Attempting initialization, even with the property values read in the Backup procedure (including File_Size and Record_Count?) does not appear to be a straightforward process.

Interpretation: "Device A" is not required to initialize any File object properties when creating File objects as part of the Restore process in Clause 19.1.

Question: Is this interpretation correct?

Answer: Yes.

Comments: There is no expectation that the A device will provide any property values in the CreateObject service or follow the CreateObject service with any writes to initialize property values of file objects. The only requirement on the A device is that it uses the objectIdentifier form of CreateObject and not the objectType form.