

Clarification Request

References: ASHRAE 135.1-2023, ASHRAE 135-2024, Test Package 26.0.

Date of BTL-WG Response: April 3, 2025

Background:

135-2024 clauses 15.5.2 and 15.7.2 require a ReadProperty and ReadPropertyMultiple request with an Object Identifier containing NETWORK_PORT and instance 4194303 to treat the Object Identifier as if it correctly matches the local Network Port object representing the network port through which the request was received.

For a device at Protocol_Revision 18 to 23 with a hierarchical chain of Network Port objects, this is the topmost Network Port object as it contains all the properties from the lower level Network Port objects.

As of Protocol_Revision 24, property inheritance is not allowed. For a device at Protocol_Revision 24 or greater with a hierarchical chain of Network Port objects, the topmost Network Port object contains only the properties for its protocol level.

Problem:

Most data links in the TP 26.0 Test Plan require tests 9.18.1.8 and 9.20.1.14 to be executed.

9.X.Y Supports the Network Port Object

...		
135.1-2023 - 9.18.1.8 - ReadProperty of the Network Port Object using the Unknown Instance		
	Test Conditionality	Must be executed
	Test Directives	
	Testing Hints	
135.1-2023 - 9.20.1.14 - ReadPropertyMultiple of the Network Port Object using the Unknown Instance		
	Test Conditionality	If the IUT does not support execution of ReadPropertyMultiple this test shall be skipped.
	Test Directives	
	Testing Hints	
...		

Question:

Can tests 9.18.1.8 and 9.20.1.14 be skipped if a device is at Protocol_Revision 24 or greater and has a hierarchical chain of Network Port objects for the network port being tested?

Response:

No. The object identifier returned in the response can be any network port in the hierarchical chain for the datalink.