

## Clarification Request

**References:** 135.1 - 2007 - 7.3.2.24.4 Log\_Interval Test

### Background / Proposed Solution:

Test Plan Section 7.3.3 Supports Periodic Logging (Polling) contains just one test, the 135.1 - 2007 - 7.3.2.24.4 Log\_Interval Test

Purpose: To verify that the logging period is controlled by Log\_Interval.

Test Concept: The Trend Log is configured to acquire data by polling. Polling is done at two different intervals, defined by Log\_Interval, with about 10 records acquired at each rate. The timestamps of the records are inspected to verify the polling rate.

Test Steps:

1. WRITE Log\_Interval = (some non-zero value)
2. WRITE Record\_Count = 0
3. WAIT (**Internal Processing Fail Time** + 10\* Log\_Interval hundredths-seconds)
4. VERIFY (Log\_Buffer record timestamp intervals, on average, are as written in step 1)
5. WRITE Log\_Interval = (a non-zero value different from the one written in step 1)
6. WRITE Record\_Count = 0
7. WAIT (**Internal Processing Fail Time** + 10\* Log\_Interval hundredths-seconds)
8. VERIFY (Log\_Buffer record timestamp intervals, on average, are as written in step 5)

Our device only permits the value 360000 (1 hour) for the Log-Interval property of the TL object.

When the specified value for writing the property is 360000, Simple-Ack is returned. But if the value is other than 360000, then Out\_Of\_Range error is returned.

The interval value of 360000 signifies every hour, not 3600 seconds after the value is written.

This is because the data collected by the TL object is data for the usage of power of each air-conditioning unit for each hour. This data is not meant to be used for any interval starting at any time. Since the standard requires this property to be writable, the device accepts writing but value other than 360000 will be meaningless in regard to its purpose and therefore, value other than 360000 cannot be accepted.

### Question:

Would such behavior of the device be acceptable?

**Response:**

No. The Log\_Interval must accept writes with a range of allowable values. The BTL-WG does not specify a certain value range, but there is impairment of interoperable to accept just a single value such as 360000. A proposal will be made to the SSPC to clarify a lower bound, or the subset of the Unsigned range, which must be accepted.