



OpenLCB Technical Note	
OpenLCB Node Identifiers	
Oct 15, 2010	Preliminary

1 Introduction

This explanatory note contains informative discussion and background for the corresponding “OpenLCB Node ID Specification”. This explanation is not normative in any way.

2 Annotations to the Specification

- 5 This section provides background information on corresponding sections of the Specification document. It's expected that two documents will be read together.

2.1 Introduction

2.2 Intended Use

2.3 References and Context

10 **2.4 Format**

The specification doesn't require any particular human-readable format, but hex-pairs with separators are strongly suggested, e.g. 01.AB.34.01.CD.E3; decimal pairs could also be used, but in that case it's important to provide a way to know which is use.

- 15 Discuss who's responsible for ID uniqueness. “Last constructor”, e.g. person who assembles and configures a kit?

Make it clear that there are many methods to store the ID, and that's not constrained by the Standard.

- 20 If the user is involved in determining the Node ID, e.g. by setting switches, the node has to provide a user-visible way to indicating a duplicate has been seen, and must implement the relevant wire-protocol-specific methods for detecting duplicate node IDs.s

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