

USB4 1.0 ENGINEERING CHANGE NOTICE FORM

Title: Reset Router Operation Index
Applied to: USB4 Specification Version 1.0

Brief description of the functional changes:

Clarify that the Router Operation Index is reset when transition to the Enumerated state.

Benefits as a result of the changes:

Greater clarity on Router Operations that has special behavior in relation to the “first time” it is executed:
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| <ul style="list-style-type: none">➤ Get Connectors Information➤ Get PCIe Downstream Entry Mapping |
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An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
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None

An analysis of the hardware implications:
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None

An analysis of the software implications:
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None

An analysis of the compliance testing implications:
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None

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Actual Change

(a). 8.3.1.3.1 Get PCIe Downstream Entry Mapping (Conditional)

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The first time this Operation is executed after transition to the Enumerated state, a Router shall respond with the entry for Entry Index = 0h. On each subsequent execution of the Operation, the Router shall respond with the next entry (*Entry Index* = 01h, *Entry Index* = 02h, etc.). After the last entry is retrieved, the Router shall restart at the first entry (*Entry Index* = 0h) the next time the Operation is executed.

(b). 8.3.1.3.6 Get Connectors Information (Conditional)

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