

USB4 2.0 ENGINEERING CHANGE NOTICE FORM

Title: Converting NVM Router Operation to Optional
Applied to: USB4 Specification Version 2.0

Brief description of the functional changes:

Convert the NVM Router Operations to be optional.

Benefits as a result of the changes:

Broaden the design implementation choice by removing unjustified requirement
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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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Need to update CTS test 8.014

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Actual Change

(a). 8.3.1.2.1 NVM Set Offset

8.3.1.2.1 NVM Set Offset (Conditional)

A ~~Device~~ Router may optionally shall support the NVM Set Offset Router Operation. ~~A Host Router may optionally support this Router Operation.~~

(b). 8.3.1.2.2 NVM Write

8.3.1.2.2 NVM Write (Conditional)

A ~~Device~~ Router may optionally shall support the NVM Write Router Operation. ~~A Host Router may optionally support this Router Operation.~~

(c). 8.3.1.2.3 NVM Authenticate Write

8.3.1.2.3 NVM Authenticate Write (Conditional)

A ~~Device~~ Router may optionally shall support the NVM Authenticate Write Router Operation. ~~A Host Router may optionally support this Router Operation.~~

(d). 8.3.1.2.4 NVM Read

8.3.1.2.4 NVM Read (Conditional)

A ~~Device~~ Router may optionally shall support the NVM Read Router Operation. ~~A Host Router may optionally support this Router Operation.~~

(e). 8.3.1.2.5 DROM Read

**** Editor Note ** - No Change to DROM Read**

8.3.1.2.5 DROM Read (Conditional)

A Device Router shall support the DROM Read Router Operation. A Standalone AIC Host Router shall support this Router Operation. A Platform Integrated Host Router may optionally support this Router Operation.

(f). 8.3.1.2.6 Get NVM Sector Size

8.3.1.2.6 Get NVM Sector Size (Conditional)

A ~~Device~~ Router may optionally shall support the NVM Sector Size Router Operation. ~~A Host Router may optionally support this Router Operation.~~