



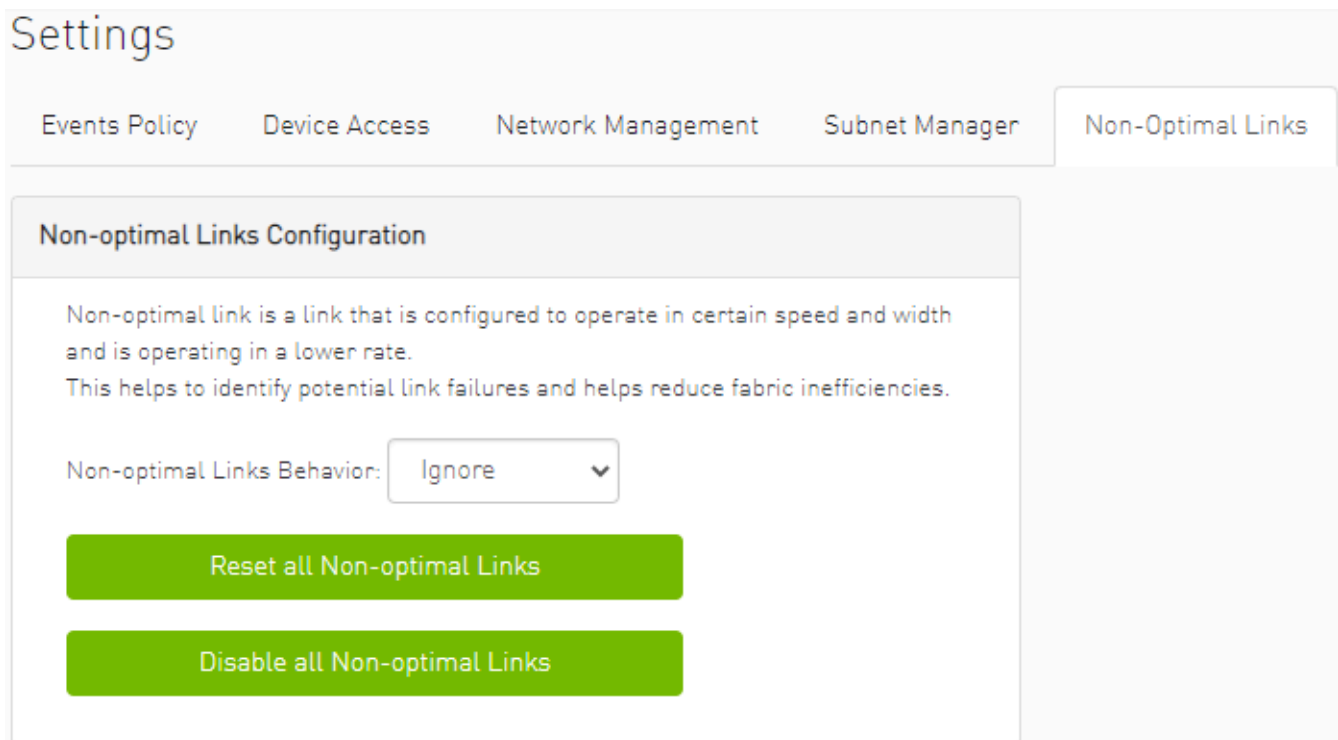
Non-Optimal Links

A non-optimal link is a link between two ports that is configured to operate at a certain speed and width and is operating at a lower rate. The Non-optimal links feature helps you identify potential link failures and reduce fabric inefficiencies.

Non-optimal links can be any of the following:

- NDR links that operate in HDR, EDR, FDR, QDR, DDR or SDR mode
- HDR links that operate in EDR, FDR, QDR, DDR or SDR mode
- EDR links that operate in FDR, QDR, DDR or SDR mode
- FDR links that operate in QDR, DDR or SDR mode
- QDR links that operate in DDR or SDR mode
- 4X links that operate in 1X mode

The Non-Optimal Links window allows you to set the preferred action for non-optimal links.



The screenshot shows the 'Settings' interface with a navigation bar containing 'Events Policy', 'Device Access', 'Network Management', 'Subnet Manager', and 'Non-Optimal Links'. The 'Non-Optimal Links' tab is active. Below the navigation bar is a 'Non-optimal Links Configuration' section. It contains a descriptive paragraph: 'Non-optimal link is a link that is configured to operate in certain speed and width and is operating in a lower rate. This helps to identify potential link failures and helps reduce fabric inefficiencies.' Below this is a dropdown menu for 'Non-optimal Links Behavior' set to 'Ignore'. At the bottom of the configuration box are two green buttons: 'Reset all Non-optimal Links' and 'Disable all Non-optimal Links'.

To set the non-optimal links policy:

From the drop-down menu, select the action for Non-optimal Links behavior.

The drop-down menu defines the default behavior. Options are: **Ignore** (default), **Disable**, and **Reset**.

Option	Description
Ignore	Ignore the non-optimal links
Reset	Reset all non-optimal links ports
Disable	Disable all non-optimal links ports

Reset all Non-Optimal Links allows users to reset all current non-optimal links ports on-demand.

Disable all Non-Optimal Links allows users to disable all current non-optimal links ports on-demand.

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