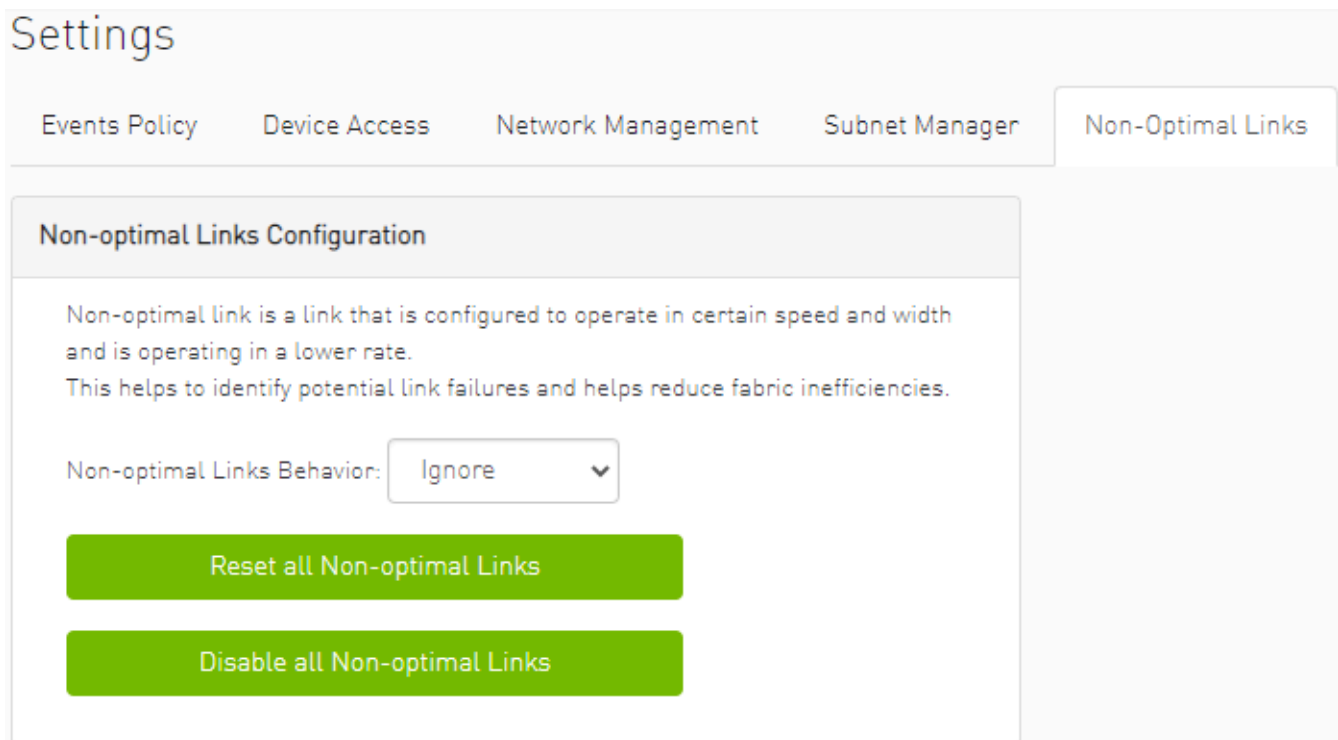# Non-Optimal Links

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.

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.