Ports Window

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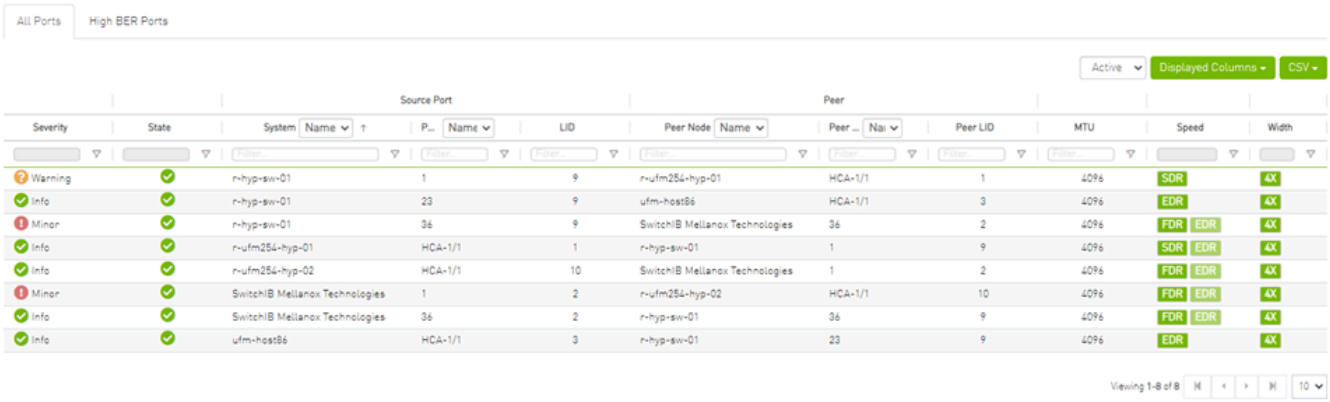
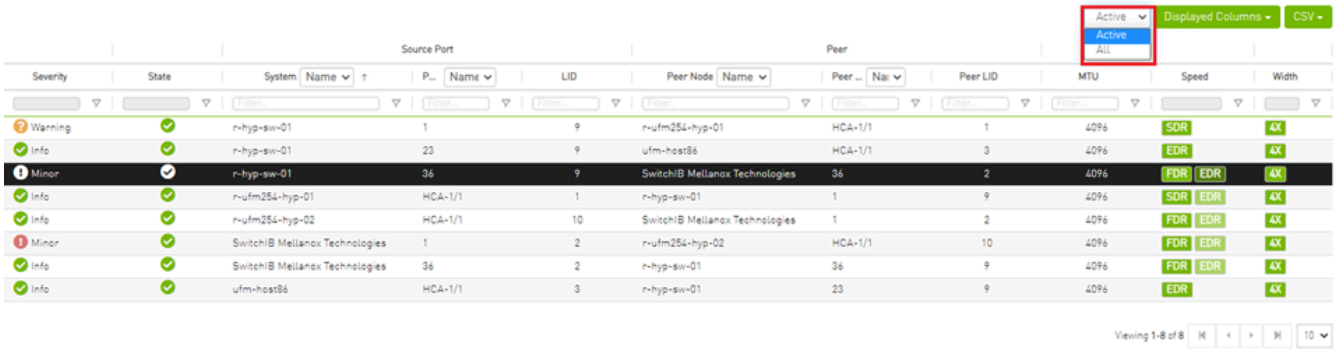
Provides a list of all ports in UFM.

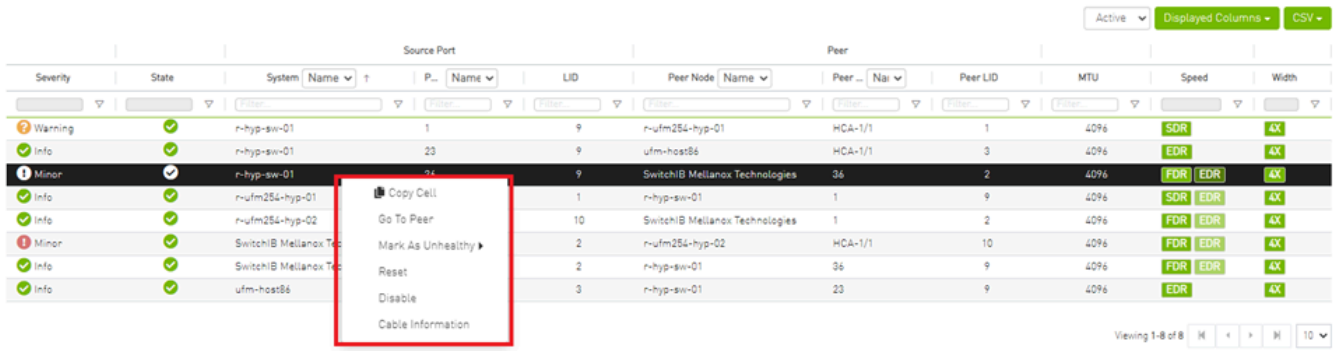


The table can be filtered by port state. The filter contains two options:

- Active – only active ports
- All – all ports



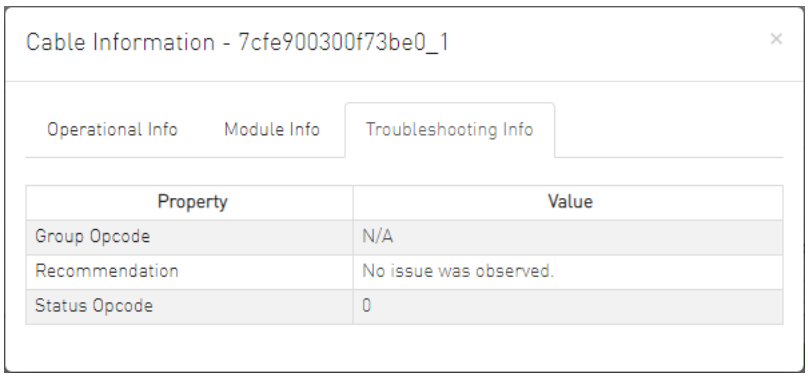
When right-clicking one of the available ports, the following actions appear:

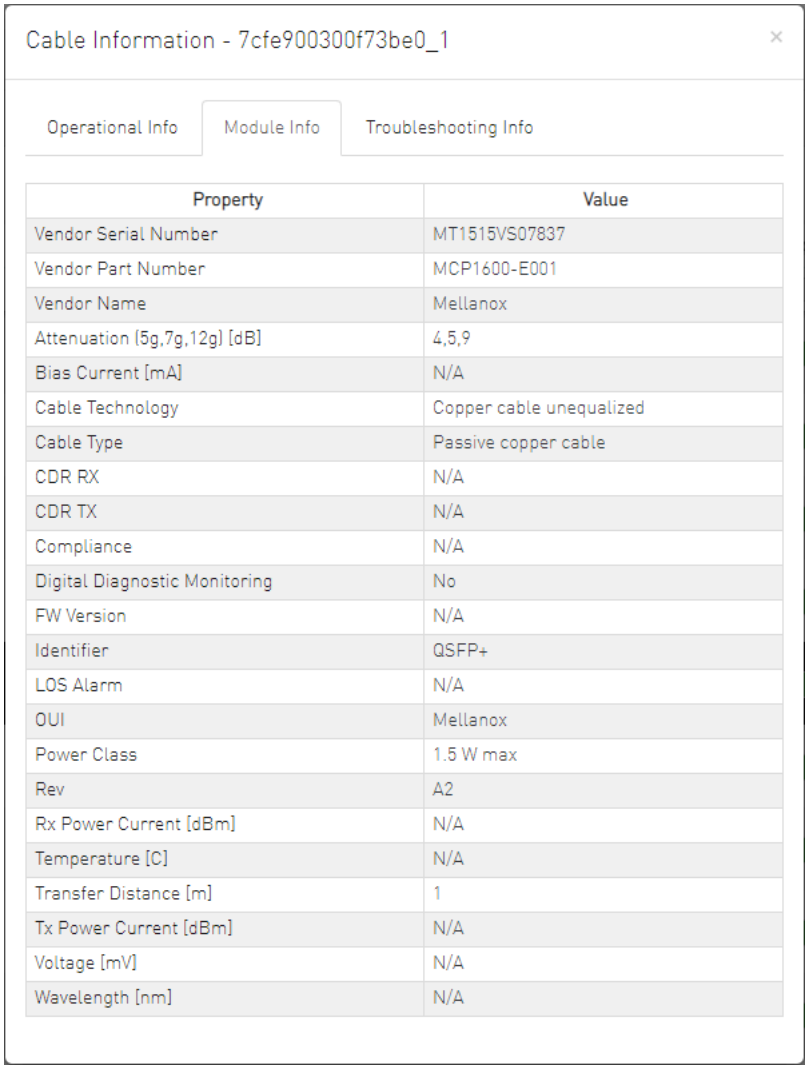


Note

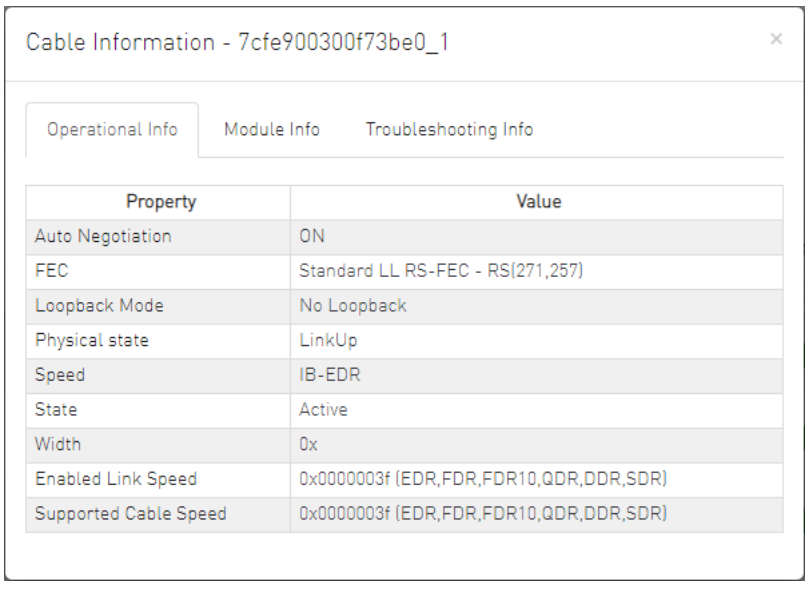
All enable/disable actions on managed switches' ports are persistent. Thus, if a managed switch port is disabled, the port remains disabled even when rebooting the switch.

Clicking "Cable Information" opens up a window which provides data on operational, module, and troubleshooting information as shown in the following:





Property	Value
Vendor Serial Number	MT1515VS07837
Vendor Part Number	MCP1600-E001
Vendor Name	Mellanox
Attenuation (5g,7g,12g) [dB]	4,5,9
Bias Current [mA]	N/A
Cable Technology	Copper cable unequalized
Cable Type	Passive copper cable
CDR RX	N/A
CDR TX	N/A
Compliance	N/A
Digital Diagnostic Monitoring	No
FW Version	N/A
Identifier	QSFP+
LOS Alarm	N/A
OUI	Mellanox
Power Class	1.5 W max
Rev	A2
Rx Power Current [dBm]	N/A
Temperature [C]	N/A
Transfer Distance [m]	1
Tx Power Current [dBm]	N/A
Voltage [mV]	N/A
Wavelength [nm]	N/A



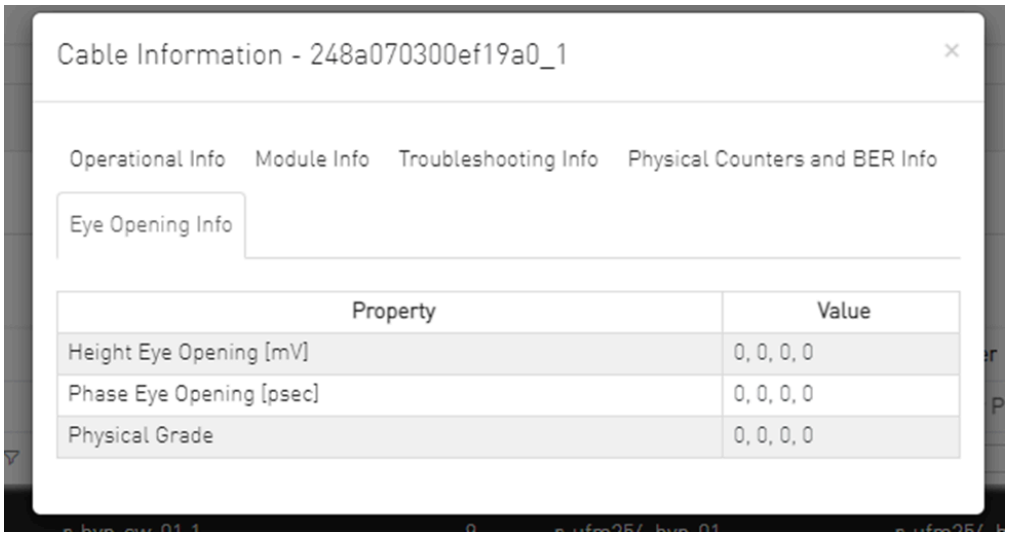
Property	Value
Auto Negotiation	ON
FEC	Standard LL RS-FEC - RS(271,257)
Loopback Mode	No Loopback
Physical state	LinkUp
Speed	IB-EDR
State	Active
Width	0x
Enabled Link Speed	0x0000003f (EDR,FDR,FDR10,QDR,DDR,SDR)
Supported Cable Speed	0x0000003f (EDR,FDR,FDR10,QDR,DDR,SDR)

Physical Grade and Eye Opening Information

Eye opening information contains the following data:

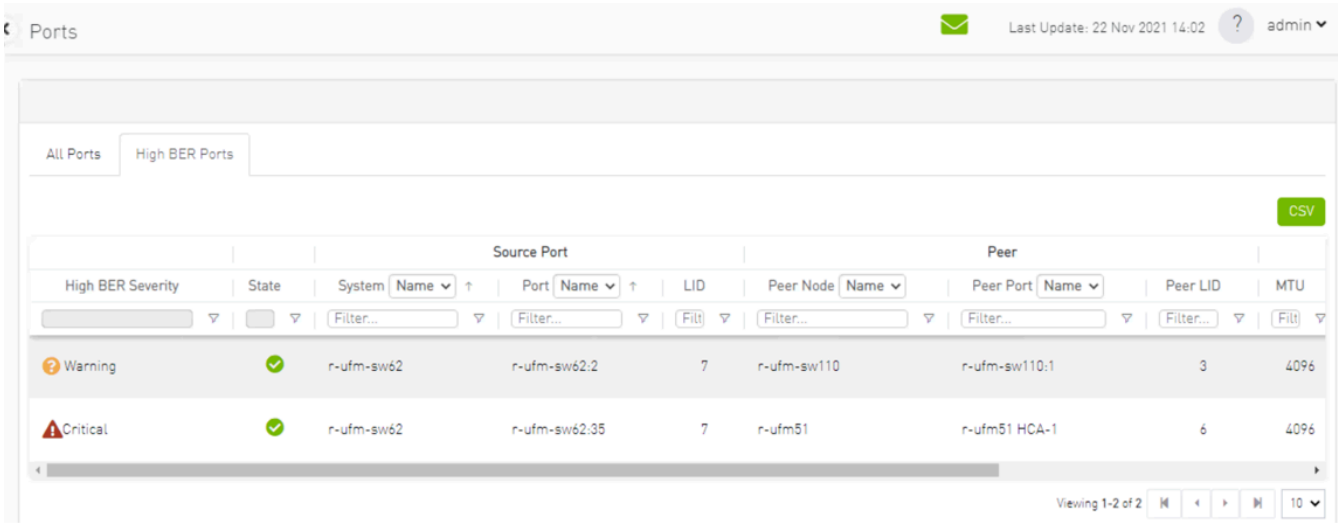
- Physical Grade: [Grade0, Grade1, Grade2, Grade3]
- Height Eye Opening [mV]: [Height0, Height1, Height2, Height3]
- Phase Eye Opening [psec]: [Phase0, Phase1, Phase2, Phase3]

A new tab called Eye Information was added under cable information modal in ports table.



Auto-isolation of High-BER Ports

The High BER Ports tab lists all high-BER ports in the fabric.



The flags high_ber_ports_auto_isolation must be configured in the gv.cfg file to enable this feature.

For each port discovered as a high-BER port, a new event is triggered in the Events table.

Marking the high-BER port as unhealthy suppresses all events and notifications related to the auto-isolated port.