



## Digital Optical Monitoring for Transceivers

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Starting with release Cisco IOS XE Release 3.13, Digital Optical Monitoring (DOM) is supported for the SFP, SFP+, and XFP transceiver modules.

DOM is supported for ASR 900 RSP3 Module.

For information on DOM supported transceivers, see <https://supportforums.cisco.com/document/75181/digital-optical-monitoring-dom>.

For a list of modules, see [Cisco ASR 903 Series Aggregation Services Router Hardware Installation Guide](#).

Real time DOM data is collected from SFPs, SFP+, and XFPs periodically and compared with warning and alarm threshold table values.

The DOM data collected are transceiver transmit bias current, transceiver transmit power, transceiver receive power, and transceiver power supply voltage.

The syslog messages are displayed when alarm threshold values are crossed.



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**Note** The transceiver parameters are not monitored when the port is in ADMIN-DOWN.

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