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# SMA guidelines and limitations

## Guidelines

Follow these guidelines for SMA feature.

- SMA is enabled by default. You cannot disable SMA.
- SMA supports a maximum of 5 policies (1 default and 4 user-defined).
- SMA processes is supported on both Core and NPV switches.

## Limitations and restrictions

Following are the limitations and restrictions for the SMA feature.

- 1MB of memory for storing the history which accumulate up to 13K entries
- Only port counters and protocol counters are monitored for unexpected patterns.
- Tx-OverUtilization counters is not supported for MDS 24/10 port SAN Extension Module in MDS 9700 series.
- FPIN and DIRM port guard action is not supported in NPV
- Following PMON counters are not supported.
  - ASIC Error Pkt from Port
  - SIC Error Pkt to xbar
  - ASIC Error Pkt from xbar
- The PMON counter TX-Slowport-Oper-Delay is monitored with threshold type Absolute but in SMA the counter threshold type is Delta