MPTCP Sysfs variables

/proc/sys/net/mptcp/* Variables

enabled - BOOLEAN

>Control whether MPTCP sockets can be created.

>MPTCP sockets can be created if the value is 1. This is a per-namespace sysctl.

>Default: 1 (enabled)

add_addr_timeout - INTEGER (seconds)

>Set the timeout after which an ADD_ADDR control message will be resent to an MPTCP peer that has not acknowledged a previous ADD_ADDR message.

>The default value matches TCP_RTO_MAX. This is a per-namespace sysctl.

>Default: 120

checksum_enabled - BOOLEAN

>Control whether DSS checksum can be enabled.

>DSS checksum can be enabled if the value is nonzero. This is a per-namespace sysctl.

>Default: 0

allow_join_initial_addr_port - BOOLEAN

>Allow peers to send join requests to the IP address and port number used by the initial subflow if the value is 1. This controls a flag that is sent to the peer at connection time, and whether such join requests are accepted or denied.

>Joins to addresses advertised with ADD_ADDR are not affected by this value.

>This is a per-namespace sysctl.

>Default: 1

stale_loss_cnt - INTEGER

>The number of MPTCP-level retransmission intervals with no traffic and pending outstanding data on a given subflow required to declare it stale. The packet scheduler ignores stale subflows. A low stale_loss_cnt value allows for fast active-backup switch-over, an high value maximize links utilization on edge scenarios e.g. lossy link with high BER or peer pausing the data processing.

>This is a per-namespace sysctl.

>Default: 4