

パケットドロップ早見表(RX)

Ver 0.1 2015/02/15
@SatchanP

OS
User Space

TCP backlog
netstat -st
"LISTEN sockets dropped"
net.ipv4.tcp_max_syn_backlog

Listen backlog
net.core.somaxconn

OS
Kernel Space

SOFTNET
/proc/net/softnet_stat
Second collum
net.core.netdev_budget
net.core.dev_weight

RX Queue
ifconfig
"dropped:"
net.core.netdev_max_backlog

TCP Buffer
tcpdump
Windows size update
net.core.rmem_max
net.ipv4.tcp_rmem

NETLINK
/proc/net/netlink

Netfilter
conntrack
Ifconfig
"dropped:"

NIC
Driver

Ring Buffer
ethtool -S eth(n)
"rx_no_buffer_count:"
- ifconfig
"overruns:" & "dropped:"

LAN

Switch error counter