

DomU-netfront

netif_init()

xennet_max_queues = num_online_cpus()

talk_to_netback()

read "multi-queue-max-queues" from xenstore
to max_queues

talk_to_netback()

num_queues = min(max_queues, xennet_max_queues)

talk_to_netback()

write num_queues to xenstore
"multi-queue-num-queues"

init ring, evtchn/irq
for each queue at frontend

xenstore timeline

backend: multi-queue-max-queues = 8

backend: multi-queue-max-queues = 8

frontend: multi-queue-num-queues = 4

Dom0-netback

netback_init()

xenvif_max_queues = num_online_cpus()

netback_probe()

write xenvif_max_queues to xenstore
"multi-queue-num-queues"

connect()

read "multi-queue-num-queues" from xenstore
to requested_num_queues

init ring, evtchn/irq, netback kthread
for each queue at backend