PBR TEST 1.1.6-8 by egc

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root@R7800-1:~# cat /var/run/pbr.nft
#!/usr/sbin/nft -f

add chain inet fw4 pbr_mark_0x010000
add rule inet fw4 pbr_mark_0x010000 counter mark set mark and 0xff00ffff xor 0x010000
add rule inet fw4 pbr_mark_0x010000 return
add chain inet fw4 pbr_mark_0x020000
add rule inet fw4 pbr_mark_0x020000 counter mark set mark and 0xff00ffff xor 0x020000
add rule inet fw4 pbr_mark_0x020000 return
add chain inet fw4 pbr_mark_0x030000
add rule inet fw4 pbr_mark_0x030000 counter mark set mark and 0xff00ffff xor 0x030000
add rule inet fw4 pbr_mark_0x030000 return
add set inet fw4 pbr_wan_4_dst_ip_cfg086ff5 { type ipv4_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "ipchicken"; }
add set inet fw4 pbr_wan_6_dst_ip_cfg086ff5 { type ipv6_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "ipchicken"; }
add rule inet fw4 pbr_prerouting ip daddr @pbr_wan_4_dst_ip_cfg086ff5 goto pbr_mark_0x010000 comment "ipchicken"
add rule inet fw4 pbr_prerouting ip6 daddr @pbr_wan_6_dst_ip_cfg086ff5 goto pbr_mark_0x010000 comment "ipchicken"
add set inet fw4 pbr_wan_4_dst_ip_cfg0e6ff5 { type ipv4_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "google"; }
add set inet fw4 pbr_wan_6_dst_ip_cfg0e6ff5 { type ipv6_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "google"; }
add rule inet fw4 pbr_prerouting ip daddr @pbr_wan_4_dst_ip_cfg0e6ff5 goto pbr_mark_0x010000 comment "google"
add rule inet fw4 pbr_prerouting ip6 daddr @pbr_wan_6_dst_ip_cfg0e6ff5 goto pbr_mark_0x010000 comment "google"
add set inet fw4 pbr_wan_4_dst_ip_cfg0f6ff5 { type ipv4_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "ipv6.google"; }
add set inet fw4 pbr_wan_6_dst_ip_cfg0f6ff5 { type ipv6_addr;      auto-merge;      counter;      flags interval;
policy performance;        comment "ipv6.google"; }
add rule inet fw4 pbr_prerouting ip daddr @pbr_wan_4_dst_ip_cfg0f6ff5 goto pbr_mark_0x010000 comment "ipv6.google"
add rule inet fw4 pbr_prerouting ip6 daddr @pbr_wan_6_dst_ip_cfg0f6ff5 goto pbr_mark_0x010000 comment "ipv6.google"
add rule inet fw4 pbr_prerouting ether saddr { 98:B8:BC:8B:3F:9E } goto pbr_mark_0x020000 comment "SF20"
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<mark>add rule inet fw4 pbr_prerouting ip saddr { 2001:3c00::1/64 } goto pbr_mark_0x020000 comment "PC6"</mark>
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add rule inet fw4 pbr_prerouting ip6 saddr { 2001:3c00::1/64 } goto pbr_mark_0x020000 comment "PC6"
add rule inet fw4 pbr_prerouting ip saddr { 192.168.5.80 } goto pbr_mark_0x020000 comment "PC4"
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<mark>add rule inet fw4 pbr_prerouting ip6 saddr { 192.168.5.80 } goto pbr_mark_0x020000 comment "PC4"</mark>
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add rule inet fw4 pbr_dstnat_lan ip6 saddr { 2001:1c03:59c1:3304::2 } tcp dport 53 counter dnat ip6 to 2001:4860:4860::8888:53 comment
"redirect_3"
add rule inet fw4 pbr_dstnat_lan ip6 saddr { 2001:1c03:59c1:3304::2 } udp dport 53 counter dnat ip6 to 2001:4860:4860::8888:53 comment
"redirect_3"
add rule inet fw4 pbr_dstnat_lan ether saddr { 98:B8:BC:8B:3F:9E } tcp dport 53 counter dnat ip to 8.8.4.4:53 comment "sf2mac"
add rule inet fw4 pbr_dstnat_lan ether saddr { 98:B8:BC:8B:3F:9E } udp dport 53 counter dnat ip to 8.8.4.4:53 comment "sf2mac"
add rule inet fw4 pbr_dstnat_lan iifname { lan } tcp dport 53 counter dnat ip6 to 2001:4860:4860::8844:53 comment "interface"
add rule inet fw4 pbr_dstnat_lan iifname { lan } udp dport 53 counter dnat ip6 to 2001:4860:4860::8844:53 comment "interface"
add rule inet fw4 pbr_dstnat_lan ip saddr { 192.168.5.80 } tcp dport 53 counter dnat ip to 9.9.9.9:53 comment "Redirect Local IP DNS"
add rule inet fw4 pbr_dstnat_lan ip saddr { 192.168.5.80 } udp dport 53 counter dnat ip to 9.9.9.9:53 comment "Redirect Local IP DNS"
add rule inet fw4 pbr_dstnat_lan ip saddr { 192.168.5.224 } tcp dport 53 counter dnat ip to 1.0.0.1:53 comment "redirect ipv4toipv4"
add rule inet fw4 pbr_dstnat_lan ip saddr { 192.168.5.224 } udp dport 53 counter dnat ip to 1.0.0.1:53 comment "redirect ipv4toipv4"


root@R7800-1:~# nft -c -f  /var/run/pbr.nft
/var/run/pbr.nft:25:45-56: Error: Could not resolve hostname: Name has no usable address
add rule inet fw4 pbr_prerouting ip saddr { 2001:3c00::1/64 } goto pbr_mark_0x020000 comment "PC6"
                                            ^^^^^^^^^^^^

/var/run/pbr.nft:28:46-57: Error: Could not resolve hostname: Name has no usable address
add rule inet fw4 pbr_prerouting ip6 saddr { 192.168.5.80 } goto pbr_mark_0x020000 comment "PC4"
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One thing left insufficient check of source address

Possible solution see: pbr-egc-1.1.6.8.patch