Distribution EOLE - Tâche #36095

Scénario # 36091 (Terminé (Sprint)): Eole2.9 : upgrade Squid 5.7 -> 5.9 ?

Étude

18/07/2024 09:44 - Laurent Gourvenec

Statut:	Fermé		**Début:**	01/10/2022
Priorité:	Normal		**Echéance:**	
Assigné à:	Laurent Gourvenec		**% réalisé:**	100%
Version cible:	Livraison Cadoles - MEN 30/06/2024 (60+18)		**Temps estimé:**	0.00 heure
			Temps passé:	0.00 heure

Description

Historique

#1 - 18/07/2024 09:51 - Benjamin Bohard

En plus de mise à jour de paquets dans entre le moment où le test était passant et le moment où le test était en échec, on a remarqué que le pare-feu semble se comporter différemment (passage de iptables-legacy en 2.8.1 à nftables en 2.9.0). Ça ne s'accorde a priori pas avec le changement récent du résultat du test mais il faudrait peut-être tirer ça au clair malgré tout.

Un paquet émis lors du wget depuis un client linux a été tracé sur les deux versions d'EOLE du module Amon (même jeu de règles iptable, notamment en PREROUTING) : iptables -t raw -I PREROUTING -p tcp --destination 10.1.3.5 --dport 80 -j TRACE

En 2.8.1, consultable dans le journal noyau (journalctl -kf)

```
juil. 16 16:15:14 amon kernel: TRACE: raw:PREROUTING:policy:5 IN=ens6 OUT= MAC=02:00:0a:01:02:64:02:00:0a:01:0
2:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=64 ID=34120 DF PROTO=TCP SPT=40058 DPT=80
SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: mangle:PREROUTING:policy:1 IN=ens6 OUT= MAC=02:00:0a:01:02:64:02:00:0a:0
1:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=64 ID=34120 DF PROTO=TCP SPT=40058 DPT=
80 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: mangle:FORWARD:rule:1 IN=ens6 OUT=ens7 MAC=02:00:0a:01:02:64:02:00:0a:01
:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DPT=8
0 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: mangle:marquage:return:1 IN=ens6 OUT=ens7 MAC=02:00:0a:01:02:64:02:00:0a
:01:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DP
T=80 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: mangle:FORWARD:policy:2 IN=ens6 OUT=ens7 MAC=02:00:0a:01:02:64:02:00:0a:
01:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DPT
=80 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: filter:FORWARD:rule:15 IN=ens6 OUT=ens7 MAC=02:00:0a:01:02:64:02:00:0a:0
1:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DPT=
80 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: filter:ped-dmz:rule:1 IN=ens6 OUT=ens7 MAC=02:00:0a:01:02:64:02:00:0a:01
:02:68:08:00 SRC=10.1.2.51 DST=10.1.3.5 LEN=40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DPT=8
0 SEQ=920280382 ACK=2692754959 WINDOW=249 RES=0x00 ACK URGP=0
juil. 16 16:15:14 amon kernel: TRACE: mangle:POSTROUTING:policy:1 IN= OUT=ens7 SRC=10.1.2.51 DST=10.1.3.5 LEN=
40 TOS=0x00 PREC=0x00 TTL=63 ID=34120 DF PROTO=TCP SPT=40058 DPT=80 SEQ=920280382 ACK=2692754959 WINDOW=249 RE
S=0x00 ACK URGP=0
```

En 2.9.0, consultable avec xtables-monitor --trace

```
PACKET: 2 bb486d25 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=60 TOS=0x0 TTL=64 ID=3322DF SPORT=58722 DPORT=80 SYN
 TRACE: 2 bb486d25 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 bb486d25 raw:PREROUTING:return:
 TRACE: 2 bb486d25 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 bb486d25 mangle:PREROUTING:return:
 TRACE: 2 bb486d25 mangle:PREROUTING:policy:ACCEPT
```

```
PACKET: 2 bb486d25 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=60 TOS=0x0 TTL=64 ID=3322DF SPORT=58722 DPORT=80 SYN
  TRACE: 2 bb486d25 nat:PREROUTING:rule:0x19:ACCEPT  -4 -t nat -A PREROUTING ! -d 192.168.0.31/32 -i enp4s0 -p
tcp -m tcp --dport 80 --tcp-flags SYN,RST,ACK SYN -m comment --comment "era: Redirection des flux http sans pr
oxy" -j REDIRECT --to-ports 81
PACKET: 2 bb486d25 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=60 TOS=0x0 TTL=64 ID=3322DF SPORT=58722 DPORT=81 SYN
  TRACE: 2 bb486d25 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
  TRACE: 2 bb486d25 mangle:marquage:return:
  TRACE: 2 bb486d25 mangle:INPUT:return:
  TRACE: 2 bb486d25 mangle:INPUT:policy:ACCEPT
PACKET: 2 bb486d25 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=60 TOS=0x0 TTL=64 ID=3322DF SPORT=58722 DPORT=81 SYN
  TRACE: 2 bb486d25 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
  TRACE: 2 bb486d25 filter:ped-bas:rule:0xc2:ACCEPT  -4 -t filter -A ped-bas -i enp4s0 -p tcp -m tcp --dport 81
  -m comment --comment "era: Redirection des flux http sans proxy" -j ACCEPT
  TRACE: 2 bb486d25 nat:INPUT:return:
  TRACE: 2 bb486d25 nat:INPUT:policy:ACCEPT
PACKET: 2 90c03f33 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=3323DF SPORT=58722 DPORT=80 ACK
  TRACE: 2 90c03f33 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
  TRACE: 2 90c03f33 raw:PREROUTING:return:
  TRACE: 2 90c03f33 raw:PREROUTING:policy:ACCEPT
  TRACE: 2 90c03f33 mangle:PREROUTING:return:
  TRACE: 2 90c03f33 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 90c03f33 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3323DF SPORT=58722 DPORT=81 ACK
  TRACE: 2 90c03f33 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
  TRACE: 2 90c03f33 mangle:marquage:return:
  TRACE: 2 90c03f33 mangle:INPUT:return:
  TRACE: 2 90c03f33 mangle:INPUT:policy:ACCEPT
PACKET: 2 90c03f33 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3323DF SPORT=58722 DPORT=81 ACK
  TRACE: 2 90c03f33 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
  TRACE: 2 90c03f33 filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 d666ee9b IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=184 TOS=0x0 TTL=64 ID=3324DF SPORT=58722 DPORT=80 ACK PSH
  TRACE: 2 d666ee9b raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
  TRACE: 2 d666ee9b raw:PREROUTING:return:
  TRACE: 2 d666ee9b raw:PREROUTING:policy:ACCEPT
  TRACE: 2 d666ee9b mangle:PREROUTING:return:
  TRACE: 2 d666ee9b mangle:PREROUTING:policy:ACCEPT
PACKET: 2 d666ee9b IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=184 TOS=0x0 TTL=64 ID=3324DF SPORT=58722 DPORT=81 ACK PSH
  TRACE: 2 d666ee9b mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
  TRACE: 2 d666ee9b mangle:marquage:return:
  TRACE: 2 d666ee9b mangle:INPUT:return:
  TRACE: 2 d666ee9b mangle:INPUT:policy:ACCEPT
PACKET: 2 d666ee9b IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=184 TOS=0x0 TTL=64 ID=3324DF SPORT=58722 DPORT=81 ACK PSH
  TRACE: 2 d666ee9b filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
  TRACE: 2 d666ee9b filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 c2953bff IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=3325DF SPORT=58722 DPORT=80 ACK
  TRACE: 2 c2953bff raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
  TRACE: 2 c2953bff raw:PREROUTING:return:
  TRACE: 2 c2953bff raw:PREROUTING:policy:ACCEPT
  TRACE: 2 c2953bff mangle:PREROUTING:return:
  TRACE: 2 c2953bff mangle:PREROUTING:policy:ACCEPT
PACKET: 2 c2953bff IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3325DF SPORT=58722 DPORT=81 ACK
  TRACE: 2 c2953bff mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
  TRACE: 2 c2953bff mangle:marquage:return:
  TRACE: 2 c2953bff mangle:INPUT:return:
  TRACE: 2 c2953bff mangle:INPUT:policy:ACCEPT
PACKET: 2 c2953bff IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3325DF SPORT=58722 DPORT=81 ACK
  TRACE: 2 c2953bff filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
  TRACE: 2 c2953bff filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
```

```
PACKET: 2 c991b127 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=3326DF SPORT=58722 DPORT=80 ACK FIN
 TRACE: 2 c991b127 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 c991b127 raw:PREROUTING:return:
 TRACE: 2 c991b127 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 c991b127 mangle:PREROUTING:return:
 TRACE: 2 c991b127 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 c991b127 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3326DF SPORT=58722 DPORT=81 ACK FIN
 TRACE: 2 c991b127 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 c991b127 mangle:marquage:return:
 TRACE: 2 c991b127 mangle:INPUT:return:
 TRACE: 2 c991b127 mangle:INPUT:policy:ACCEPT
PACKET: 2 c991b127 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3326DF SPORT=58722 DPORT=81 ACK FIN
 TRACE: 2 c991b127 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 c991b127 filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 6243ed17 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=3327DF SPORT=58722 DPORT=80 ACK
 TRACE: 2 6243ed17 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 6243ed17 raw:PREROUTING:return:
 TRACE: 2 6243ed17 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 6243ed17 mangle:PREROUTING:return:
 TRACE: 2 6243ed17 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 6243ed17 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3327DF SPORT=58722 DPORT=81 ACK
 TRACE: 2 6243ed17 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 6243ed17 mangle:marquage:return:
 TRACE: 2 6243ed17 mangle:INPUT:return:
 TRACE: 2 6243ed17 mangle:INPUT:policy:ACCEPT
PACKET: 2 6243ed17 IN=enp4s0 MACSRC=2:0:a:1:2:68 MACDST=2:0:a:1:2:67 MACPROTO=0800 SRC=10.1.2.51 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=3327DF SPORT=58722 DPORT=81 ACK
 TRACE: 2 6243ed17 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 6243ed17 filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
```

#2 - 23/07/2024 10:54 - Benjamin Bohard

Les différentes tentatives de cerner la mise à jour responsables du changement de comportement amènent à considérer le passage des paquets creole de la version 2.9.0-51 à 2.9.0-54.

En partant de la VM non instanciée, non mise à jour, il y a 285 paquets à mettre à jour.
La liste minimale des mises à jour permettant de reproduire le problème est limitée aux paquets EOLE.
Les paquets squid et iptables semblent hors de cause.

La mise à jour candidate de tous les paquets, sauf les paquets creole mis à jour en stable, aboutit à un serveur fonctionnel du point de vue du problème de téléchargement du script installMinion.sh.

```
ssh pcadmin@10.1.2.50 "wget http://salt/joineole/installMinion.sh && rm installMinion.sh"
```

Le passage à creole 2.9.0-54 permet de reproduire le problème alors que le retour à la version 2.9.0-51 rend de nouveau fonctionnel.

La mise à jour uniquement de creole n'est pas possible mais la mise à jour des paquets EOLE en candidate sans mise à jour de tous les autres paquets (y compris squid et iptables) suffit à reproduire le problème.

#3 - 23/07/2024 10:56 - Benjamin Bohard

- Fichier bisect ajouté

#4 - 23/07/2024 11:28 - Benjamin Bohard

Fonctionnel en supprimant le passage à la version minimal du template resolv.conf (l.1054-5 de creole/reconfigure.py commentée)

```
PACKET: 2 3ea96869 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=60 TOS=0x0 TTL=64 ID=41931DF SPORT=46802 DPORT=80 SYN
 TRACE: 2 3ea96869 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 3ea96869 raw:PREROUTING:return:
 TRACE: 2 3ea96869 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 3ea96869 mangle:PREROUTING:return:
 TRACE: 2 3ea96869 mangle:PREROUTING:policy:ACCEPT
 TRACE: 2 3ea96869 nat:PREROUTING:return:
 TRACE: 2 3ea96869 nat:PREROUTING:policy:ACCEPT
PACKET: 2 3ea96869 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=60 TOS=0x0 TTL=63 ID=41931DF SPORT=46802 DPORT=80 SYN
 TRACE: 2 3ea96869 mangle:FORWARD:rule:0x8:JUMP:marquage  -4 -t mangle -A FORWARD -j marquage
 TRACE: 2 3ea96869 mangle:marquage:return:
 TRACE: 2 3ea96869 mangle:FORWARD:return:
 TRACE: 2 3ea96869 mangle:FORWARD:policy:ACCEPT
PACKET: 2 3ea96869 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=60 TOS=0x0 TTL=63 ID=41931DF SPORT=46802 DPORT=80 SYN
 TRACE: 2 3ea96869 filter:FORWARD:rule:0x33:JUMP:ped-dmz  -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
 TRACE: 2 3ea96869 filter:ped-dmz:rule:0xd0:ACCEPT  -4 -t filter -A ped-dmz -i enp4s0 -o enp5s0 -j ACCEPT
 TRACE: 2 3ea96869 mangle:POSTROUTING:return:
 TRACE: 2 3ea96869 mangle:POSTROUTING:policy:ACCEPT
 TRACE: 2 3ea96869 nat:POSTROUTING:return:
 TRACE: 2 3ea96869 nat:POSTROUTING:policy:ACCEPT
PACKET: 2 c5bc17c3 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=41932DF SPORT=46802 DPORT=80 ACK
```

```
 TRACE: 2 c5bc17c3 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 c5bc17c3 raw:PREROUTING:return:
 TRACE: 2 c5bc17c3 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 c5bc17c3 mangle:PREROUTING:return:
 TRACE: 2 c5bc17c3 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 c5bc17c3 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41932DF SPORT=46802 DPORT=80 ACK
 TRACE: 2 c5bc17c3 mangle:FORWARD:rule:0x8:JUMP:marquage  -4 -t mangle -A FORWARD -j marquage
 TRACE: 2 c5bc17c3 mangle:marquage:return:
 TRACE: 2 c5bc17c3 mangle:FORWARD:return:
 TRACE: 2 c5bc17c3 mangle:FORWARD:policy:ACCEPT
PACKET: 2 c5bc17c3 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41932DF SPORT=46802 DPORT=80 ACK
 TRACE: 2 c5bc17c3 filter:FORWARD:rule:0x33:JUMP:ped-dmz  -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
 TRACE: 2 c5bc17c3 filter:ped-dmz:rule:0xcf:ACCEPT  -4 -t filter -A ped-dmz -m state --state RELATED,ESTABLISH
ED -j ACCEPT
 TRACE: 2 c5bc17c3 mangle:POSTROUTING:return:
 TRACE: 2 c5bc17c3 mangle:POSTROUTING:policy:ACCEPT
PACKET: 2 dad7004d IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=184 TOS=0x0 TTL=64 ID=41933DF SPORT=46802 DPORT=80 ACK PSH
 TRACE: 2 dad7004d raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 dad7004d raw:PREROUTING:return:
 TRACE: 2 dad7004d raw:PREROUTING:policy:ACCEPT
 TRACE: 2 dad7004d mangle:PREROUTING:return:
 TRACE: 2 dad7004d mangle:PREROUTING:policy:ACCEPT
PACKET: 2 dad7004d IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=184 TOS=0x0 TTL=63 ID=41933DF SPORT=46802 DPORT=80 ACK PSH
 TRACE: 2 dad7004d mangle:FORWARD:rule:0x8:JUMP:marquage  -4 -t mangle -A FORWARD -j marquage
 TRACE: 2 dad7004d mangle:marquage:return:
 TRACE: 2 dad7004d mangle:FORWARD:return:
 TRACE: 2 dad7004d mangle:FORWARD:policy:ACCEPT
PACKET: 2 dad7004d IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=184 TOS=0x0 TTL=63 ID=41933DF SPORT=46802 DPORT=80 ACK PSH
 TRACE: 2 dad7004d filter:FORWARD:rule:0x33:JUMP:ped-dmz  -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
 TRACE: 2 dad7004d filter:ped-dmz:rule:0xcf:ACCEPT  -4 -t filter -A ped-dmz -m state --state RELATED,ESTABLISH
ED -j ACCEPT
 TRACE: 2 dad7004d mangle:POSTROUTING:return:
 TRACE: 2 dad7004d mangle:POSTROUTING:policy:ACCEPT
PACKET: 2 5f061e22 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=41934DF SPORT=46802 DPORT=80 ACK
 TRACE: 2 5f061e22 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 5f061e22 raw:PREROUTING:return:
 TRACE: 2 5f061e22 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 5f061e22 mangle:PREROUTING:return:
 TRACE: 2 5f061e22 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 5f061e22 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41934DF SPORT=46802 DPORT=80 ACK
 TRACE: 2 5f061e22 mangle:FORWARD:rule:0x8:JUMP:marquage  -4 -t mangle -A FORWARD -j marquage
 TRACE: 2 5f061e22 mangle:marquage:return:
 TRACE: 2 5f061e22 mangle:FORWARD:return:
 TRACE: 2 5f061e22 mangle:FORWARD:policy:ACCEPT
PACKET: 2 5f061e22 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41934DF SPORT=46802 DPORT=80 ACK
 TRACE: 2 5f061e22 filter:FORWARD:rule:0x33:JUMP:ped-dmz  -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
 TRACE: 2 5f061e22 filter:ped-dmz:rule:0xcf:ACCEPT  -4 -t filter -A ped-dmz -m state --state RELATED,ESTABLISH
ED -j ACCEPT
 TRACE: 2 5f061e22 mangle:POSTROUTING:return:
 TRACE: 2 5f061e22 mangle:POSTROUTING:policy:ACCEPT
PACKET: 2 83bf8d65 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=41935DF SPORT=46802 DPORT=80 ACK FIN
 TRACE: 2 83bf8d65 raw:PREROUTING:rule:0x2:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 83bf8d65 raw:PREROUTING:return:
 TRACE: 2 83bf8d65 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 83bf8d65 mangle:PREROUTING:return:
 TRACE: 2 83bf8d65 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 83bf8d65 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41935DF SPORT=46802 DPORT=80 ACK FIN
 TRACE: 2 83bf8d65 mangle:FORWARD:rule:0x8:JUMP:marquage  -4 -t mangle -A FORWARD -j marquage
```

```
TRACE: 2 83bf8d65 mangle:marquage:return:
TRACE: 2 83bf8d65 mangle:FORWARD:return:
TRACE: 2 83bf8d65 mangle:FORWARD:policy:ACCEPT
PACKET: 2 83bf8d65 IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41935DF SPORT=46802 DPORT=80 ACK FIN
TRACE: 2 83bf8d65 filter:FORWARD:rule:0x33:JUMP:ped-dmz   -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
TRACE: 2 83bf8d65 filter:ped-dmz:rule:0xcf:ACCEPT   -4 -t filter -A ped-dmz -m state --state RELATED,ESTABLISH
ED -j ACCEPT
TRACE: 2 83bf8d65 mangle:POSTROUTING:return:
TRACE: 2 83bf8d65 mangle:POSTROUTING:policy:ACCEPT
PACKET: 2 71b99a1c IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=41936DF SPORT=46802 DPORT=80 ACK
TRACE: 2 71b99a1c raw:PREROUTING:rule:0x2:CONTINUE   -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
TRACE: 2 71b99a1c raw:PREROUTING:return:
TRACE: 2 71b99a1c raw:PREROUTING:policy:ACCEPT
TRACE: 2 71b99a1c mangle:PREROUTING:return:
TRACE: 2 71b99a1c mangle:PREROUTING:policy:ACCEPT
PACKET: 2 71b99a1c IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41936DF SPORT=46802 DPORT=80 ACK
TRACE: 2 71b99a1c mangle:FORWARD:rule:0x8:JUMP:marquage   -4 -t mangle -A FORWARD -j marquage
TRACE: 2 71b99a1c mangle:marquage:return:
TRACE: 2 71b99a1c mangle:FORWARD:return:
TRACE: 2 71b99a1c mangle:FORWARD:policy:ACCEPT
PACKET: 2 71b99a1c IN=enp4s0 OUT=enp5s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DS
T=10.1.3.5 LEN=40 TOS=0x0 TTL=63 ID=41936DF SPORT=46802 DPORT=80 ACK
TRACE: 2 71b99a1c filter:FORWARD:rule:0x33:JUMP:ped-dmz   -4 -t filter -A FORWARD -i enp4s0 -o enp5s0 -j ped-d
mz
TRACE: 2 71b99a1c filter:ped-dmz:rule:0xcf:ACCEPT   -4 -t filter -A ped-dmz -m state --state RELATED,ESTABLISH
ED -j ACCEPT
TRACE: 2 71b99a1c mangle:POSTROUTING:return:
TRACE: 2 71b99a1c mangle:POSTROUTING:policy:ACCEPT
```

Non-fonctionnel en laissant le passage à la version minimale du resolv.conf

```
PACKET: 2 fc8a3eff IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=60 TOS=0x0 TTL=64 ID=25721DF SPORT=59598 DPORT=80 SYN
TRACE: 2 fc8a3eff raw:PREROUTING:rule:0x3:CONTINUE   -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
TRACE: 2 fc8a3eff raw:PREROUTING:return:
TRACE: 2 fc8a3eff raw:PREROUTING:policy:ACCEPT
TRACE: 2 fc8a3eff mangle:PREROUTING:return:
TRACE: 2 fc8a3eff mangle:PREROUTING:policy:ACCEPT
PACKET: 2 fc8a3eff IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=60 TOS=0x0 TTL=64 ID=25721DF SPORT=59598 DPORT=80 SYN
TRACE: 2 fc8a3eff nat:PREROUTING:rule:0x19:ACCEPT   -4 -t nat -A PREROUTING ! -d 192.168.0.31/32 -i enp4s0 -p
tcp -m tcp --dport 80 --tcp-flags SYN,RST,ACK SYN -m comment --comment "era: Redirection des flux http sans pr
oxy" -j REDIRECT --to-ports 81
PACKET: 2 fc8a3eff IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=60 TOS=0x0 TTL=64 ID=25721DF SPORT=59598 DPORT=81 SYN
TRACE: 2 fc8a3eff mangle:INPUT:rule:0x7:JUMP:marquage   -4 -t mangle -A INPUT -j marquage
TRACE: 2 fc8a3eff mangle:marquage:return:
TRACE: 2 fc8a3eff mangle:INPUT:return:
TRACE: 2 fc8a3eff mangle:INPUT:policy:ACCEPT
PACKET: 2 fc8a3eff IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=60 TOS=0x0 TTL=64 ID=25721DF SPORT=59598 DPORT=81 SYN
TRACE: 2 fc8a3eff filter:INPUT:rule:0x27:JUMP:ped-bas   -4 -t filter -A INPUT -i enp4s0 -j ped-bas
TRACE: 2 fc8a3eff filter:ped-bas:rule:0xc2:ACCEPT   -4 -t filter -A ped-bas -i enp4s0 -p tcp -m tcp --dport 81
-m comment --comment "era: Redirection des flux http sans proxy" -j ACCEPT
TRACE: 2 fc8a3eff nat:INPUT:return:
TRACE: 2 fc8a3eff nat:INPUT:policy:ACCEPT
PACKET: 2 3b12d958 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=25722DF SPORT=59598 DPORT=80 ACK
TRACE: 2 3b12d958 raw:PREROUTING:rule:0x3:CONTINUE   -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
TRACE: 2 3b12d958 raw:PREROUTING:return:
TRACE: 2 3b12d958 raw:PREROUTING:policy:ACCEPT
TRACE: 2 3b12d958 mangle:PREROUTING:return:
TRACE: 2 3b12d958 mangle:PREROUTING:policy:ACCEPT
PACKET: 2 3b12d958 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
```

```
LEN=40 TOS=0x0 TTL=64 ID=25722DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 3b12d958 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 3b12d958 mangle:marquage:return:
 TRACE: 2 3b12d958 mangle:INPUT:return:
 TRACE: 2 3b12d958 mangle:INPUT:policy:ACCEPT
PACKET: 2 3b12d958 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25722DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 3b12d958 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 3b12d958 filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 1ae792cd IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=184 TOS=0x0 TTL=64 ID=25723DF SPORT=59598 DPORT=80 ACK PSH
 TRACE: 2 1ae792cd raw:PREROUTING:rule:0x3:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 1ae792cd raw:PREROUTING:return:
 TRACE: 2 1ae792cd raw:PREROUTING:policy:ACCEPT
 TRACE: 2 1ae792cd mangle:PREROUTING:return:
 TRACE: 2 1ae792cd mangle:PREROUTING:policy:ACCEPT
PACKET: 2 1ae792cd IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=184 TOS=0x0 TTL=64 ID=25723DF SPORT=59598 DPORT=81 ACK PSH
 TRACE: 2 1ae792cd mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 1ae792cd mangle:marquage:return:
 TRACE: 2 1ae792cd mangle:INPUT:return:
 TRACE: 2 1ae792cd mangle:INPUT:policy:ACCEPT
PACKET: 2 1ae792cd IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=184 TOS=0x0 TTL=64 ID=25723DF SPORT=59598 DPORT=81 ACK PSH
 TRACE: 2 1ae792cd filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 1ae792cd filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 e84841ae IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=25724DF SPORT=59598 DPORT=80 ACK
 TRACE: 2 e84841ae raw:PREROUTING:rule:0x3:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 e84841ae raw:PREROUTING:return:
 TRACE: 2 e84841ae raw:PREROUTING:policy:ACCEPT
 TRACE: 2 e84841ae mangle:PREROUTING:return:
 TRACE: 2 e84841ae mangle:PREROUTING:policy:ACCEPT
PACKET: 2 e84841ae IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25724DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 e84841ae mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 e84841ae mangle:marquage:return:
 TRACE: 2 e84841ae mangle:INPUT:return:
 TRACE: 2 e84841ae mangle:INPUT:policy:ACCEPT
PACKET: 2 e84841ae IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25724DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 e84841ae filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 e84841ae filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 cec2775c IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=25725DF SPORT=59598 DPORT=80 ACK FIN
 TRACE: 2 cec2775c raw:PREROUTING:rule:0x3:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 cec2775c raw:PREROUTING:return:
 TRACE: 2 cec2775c raw:PREROUTING:policy:ACCEPT
 TRACE: 2 cec2775c mangle:PREROUTING:return:
 TRACE: 2 cec2775c mangle:PREROUTING:policy:ACCEPT
PACKET: 2 cec2775c IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25725DF SPORT=59598 DPORT=81 ACK FIN
 TRACE: 2 cec2775c mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 cec2775c mangle:marquage:return:
 TRACE: 2 cec2775c mangle:INPUT:return:
 TRACE: 2 cec2775c mangle:INPUT:policy:ACCEPT
PACKET: 2 cec2775c IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25725DF SPORT=59598 DPORT=81 ACK FIN
 TRACE: 2 cec2775c filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 cec2775c filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
PACKET: 2 4a073ee9 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.3.5
LEN=40 TOS=0x0 TTL=64 ID=25726DF SPORT=59598 DPORT=80 ACK
 TRACE: 2 4a073ee9 raw:PREROUTING:rule:0x3:CONTINUE  -4 -t raw -A PREROUTING -d 10.1.3.5/32 -p tcp -m tcp --dp
ort 80 -j TRACE
 TRACE: 2 4a073ee9 raw:PREROUTING:return:
 TRACE: 2 4a073ee9 raw:PREROUTING:policy:ACCEPT
 TRACE: 2 4a073ee9 mangle:PREROUTING:return:
 TRACE: 2 4a073ee9 mangle:PREROUTING:policy:ACCEPT
```

```
PACKET: 2 4a073ee9 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25726DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 4a073ee9 mangle:INPUT:rule:0x7:JUMP:marquage  -4 -t mangle -A INPUT -j marquage
 TRACE: 2 4a073ee9 mangle:marquage:return:
 TRACE: 2 4a073ee9 mangle:INPUT:return:
 TRACE: 2 4a073ee9 mangle:INPUT:policy:ACCEPT
PACKET: 2 4a073ee9 IN=enp4s0 MACSRC=2:0:a:1:2:65 MACDST=2:0:a:1:2:64 MACPROTO=0800 SRC=10.1.2.50 DST=10.1.2.1
LEN=40 TOS=0x0 TTL=64 ID=25726DF SPORT=59598 DPORT=81 ACK
 TRACE: 2 4a073ee9 filter:INPUT:rule:0x27:JUMP:ped-bas  -4 -t filter -A INPUT -i enp4s0 -j ped-bas
 TRACE: 2 4a073ee9 filter:ped-bas:rule:0xbf:ACCEPT  -4 -t filter -A ped-bas -m state --state RELATED,ESTABLISH
ED -j ACCEPT
```

#5 - 23/07/2024 12:27 - Benjamin Bohard

Problème circonscrit au script posttemplate 00-eole-common et plus spécifiquement le passage de génération des règles de pare-feu, appel a firewall.start. L'utilisation du script de bascule de resolv.conf pour encadrer ce passage suffit à contourner le problème.

#6 - 23/07/2024 15:15 - Benjamin Bohard

Dans le script /usr/share/era/bastion.sh, la commande dig est utilisée pour retrouver les IP à partir de noms de domaine (contournement pour le manque de support des IP multiples par ipset, toujours d'actualité d'après la page de man embarquée).
Il semble que la configuration minimale ne suffise pas pour générer les adresses correctes pour les ipsets.

#7 - 23/07/2024 15:22 - Benjamin Bohard

- Statut changé de Nouveau à En cours

#8 - 23/07/2024 15:25 - Benjamin Bohard

- Statut changé de En cours à À valider

#9 - 05/09/2024 10:16 - Benjamin Bohard

- Statut changé de À valider à Résolu

#10 - 05/09/2024 16:39 - Joël Cuissinat

- Statut changé de Résolu à Fermé

- % réalisé changé de 0 à 100

- Restant à faire (heures) mis à 0.0

Fichiers

bisect	20,6 ko	23/07/2024	Benjamin Bohard