

pfSense - Bug #11717

Incorrect port forwarding rules if Destination port alias is not equal to Redirect target port alias

03/22/2021 06:06 AM - Viktor Gurov

Status:	New	Start date:	03/22/2021
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Rules / NAT	Estimated time:	0.00 hour
Target version:		Affected Version:	2.5.0
Plus Target Version:		Affected Architecture:	
Release Notes:	Default		

Description

If Destination port alias and Redirect target port alias contains different ports, incorrect port forwarding rules are created:

```
port_alias1 = 22, 25, 80
```

```
port_alias2 = 111, 89, 1521
```

```
/tmp/rules.debug:
```

```
rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port $port_alias1 -> 192.168.3.77 port 111
```

```
pass in quick on $WAN reply-to ( vtnet1 192.168.122.1 ) inet proto tcp from any to 192.168.3.77 port $port_alias1 tracker 1616395987 flags S/SA keep state label "USER_RULE: NAT PORT FORWARD EXAMPLE"
```

```
# pfctl -sn | grep 3.77
```

```
rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port = ssh -> 192.168.3.77 port 111
```

```
rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port = smtp -> 192.168.3.77 port 111
```

```
rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port = http -> 192.168.3.77 port 111
```

If both aliases are same all OK:

```
/tmp/rules.debug:
```

```
rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port $port_alias1 -> 192.168.3.77
```

```
pass in quick on $WAN reply-to ( vtnet1 192.168.122.1 ) inet proto tcp from any to 192.168.3.77 port $port_alias1 tracker 1616395987 flags S/SA keep state label "USER_RULE: NAT PORT FORWARD EXAMPLE"
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rdp on vtnet1 inet proto tcp from any to 192.168.122.179 port = ssh -> 192.168.3.77
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```