SP6 - Documentation Filtrage

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1. Création de la table de filtrage

1.1. Filtrage-WAN

N°	Interface	IP Source	Port Source	IP Dest	Port Dest	Status	Protocole
1	GE0/1	**	NONE	**	NONE	NONE	ICMP ER
2	GE0/1	**	**	**	**	ESTABLISHED	**
3	GE0/1	**	**	172.16.19.11	1194	NEW	TCP
4	GE0/1	**	**	**	**	**	**

1.2. Filtrage-LAN

N°	Interface	IP Source	Port Source	IP Dest	Port Dest	Status	Protocole
1	GE0/0.10 - 80	**	NONE	**	NONE	NONE	ICMP E
2	GE0/0.10 - 80	192.168.5.0/24	**	**	**	ESTABLISHED	**
3	GE0/0.10 - 80	192.168.5.0/24	**	**	53	NEW	**
4	GE0/0.10 - 80	192.168.5.0/24	**	**	21	NEW	TCP
5	GE0/0.10 - 80	192.168.5.0/24	**	**	25	NEW	TCP
6	GE0/0.10 - 80	192.168.5.0/24	**	**	143	NEW	TCP
7	GE0/0.10 - 80	192.168.5.0/24	**	**	3389	NEW	TCP
8	GE0/0.10 - 80	192.168.5.0/24	**	**	80	NEW	TCP
9	GE0/0.10 - 80	192.168.5.0/24	**	**	443	NEW	TCP
10	GE0/0.10 - 80	**	**	**	**	**	**

1.3. Filtrage-Server

N°	Interface	IP Source	Port Source	IP Dest	Port Dest	Status	Protocole
1	GE0/0.10 - 80	**	NONE	**	NONE	NONE	ICMP E
2	GE0/0.10 - 80	172.16.55.0/24	**	**	**	ESTABLISHED	**
3	GE0/0.10 - 80	172.16.55.0/24	**	**	53	NEW	**
4	GE0/0.10 - 80	172.16.55.0/24	**	**	21	NEW	TCP
5	GE0/0.10 - 80	172.16.55.0/24	**	**	25	NEW	TCP
6	GE0/0.10 - 80	172.16.55.0/24	**	**	143	NEW	TCP
7	GE0/0.10 - 80	172.16.55.0/24	**	**	3389	NEW	TCP
8	GE0/0.10 - 80	172.16.55.0/24	**	**	80	NEW	TCP
9	GE0/0.10 - 80	172.16.55.0/24	**	**	443	NEW	TCP
10	GE0/0.10 - 80	**	**	**	**	**	**

2. Paramétrage du filtrage sur le routeur cisco

2.1. Filtrage-WAN

```
ip access-list extended filtrage-wan
    permit icmp any any echo-reply
    permit tcp any any established
    permit tcp any host 172.16.55.11 eq 1194
    deny ip any any

interface GigabitEthernet0/1
    ip access-group filtrage-wan in
```

2.2. Filtrage-LAN

```
ip access-list extended filtrage-lan
    permit icmp any any echo
    permit udp any any eq 67
    permit udp 192.168.5.0 0.0.0.255 any eq 53
    permit tcp 192.168.5.0 0.0.0.255 any eq 53
    permit tcp 192.168.5.0 0.0.0.255 any eq 21
    permit tcp 192.168.5.0 0.0.0.255 any eq 110
    permit tcp 192.168.5.0 0.0.0.255 any eq 143
    permit tcp 192.168.5.0 0.0.0.255 any eq 3389
    permit tcp 192.168.5.0 0.0.0.255 any eq 80
    permit tcp 192.168.5.0 0.0.0.255 any eq 443
    deny ip any any

interface GigabitEthernet0/0.10 - 80
    ip access-group filtrage-lan in
```

2.3. Filtrage-Server

```
ip access-list extended filtrage-serveur
    permit icmp any any echo
    permit udp host 172.16.55.2 any eq 68
    permit udp 172.16.55.0 0.0.0.255 any eq 53
    permit tcp 172.16.55.0 0.0.0.255 any eq 53
    permit tcp 172.16.55.0 0.0.0.255 any eq 21
    permit tcp 172.16.55.0 0.0.0.255 any eq 110
    permit tcp 172.16.55.0 0.0.0.255 any eq 143
    permit tcp 172.16.55.0 0.0.0.255 any eq 3389
    permit tcp 172.16.55.0 0.0.0.255 any eq 80
    permit tcp 172.16.55.0 0.0.0.255 any eq 443
    deny ip any any

interface GigabitEthernet0/0.55
    ip access-group filtrage-server in
```