探测行为选项实战 实验步骤

探测行为选项基础命令实践

1、--min-hostgroup

```
┌──(root💀kali)-[~]
└─# nmap --min-hostgroup 30 192.168.203.1/24
Starting Nmap 7.91 ( https://nmap.org ) at 2022-02-17 10:06 CST
Nmap scan report for qinliping-d1.corp.qihoo.net (192.168.203.1)
Host is up (0.0056s latency).
Not shown: 997 filtered ports
PORT     STATE SERVICE
21/tcp   open  ftp
80/tcp   open  http
3306/tcp open  mysql
MAC Address: 00:50:56:C0:00:08 (VMware)

Nmap scan report for 192.168.203.2
Host is up (0.00017s latency).
Not shown: 999 closed ports
PORT   STATE    SERVICE
53/tcp filtered domain
MAC Address: 00:50:56:ED:7E:35 (VMware)

Nmap scan report for 192.168.203.254
Host is up (0.000087s latency).
All 1000 scanned ports on 192.168.203.254 are filtered
MAC Address: 00:50:56:E1:18:ED (VMware)

Nmap scan report for 192.168.203.131
Host is up (0.0000040s latency).
All 1000 scanned ports on 192.168.203.131 are closed

Nmap done: 256 IP addresses (4 hosts up) scanned in 8.25 seconds
```

调整并行扫描组的大小进行探测

2、--min-parallelism

```
┌──(root💀kali)-[~]
└─# nmap --min-parallelism 100 192.168.203.1/24
Starting Nmap 7.91 ( https://nmap.org ) at 2022-02-17 10:08 CST
Nmap scan report for qinliping-d1.corp.qihoo.net (192.168.203.1)
Host is up (0.0033s latency).
Not shown: 997 filtered ports
PORT     STATE SERVICE
21/tcp   open  ftp
80/tcp   open  http
3306/tcp open  mysql
MAC Address: 00:50:56:C0:00:08 (VMware)

Nmap scan report for 192.168.203.2
Host is up (0.00025s latency).
Not shown: 999 closed ports
PORT   STATE    SERVICE
53/tcp filtered domain
MAC Address: 00:50:56:ED:7E:35 (VMware)

Nmap scan report for 192.168.203.254
Host is up (0.00018s latency).
All 1000 scanned ports on 192.168.203.254 are filtered
MAC Address: 00:50:56:E1:18:ED (VMware)

Nmap scan report for 192.168.203.131
Host is up (0.0000040s latency).
All 1000 scanned ports on 192.168.203.131 are closed

Nmap done: 256 IP addresses (4 hosts up) scanned in 6.27 seconds
```

调整探测报文的并行度

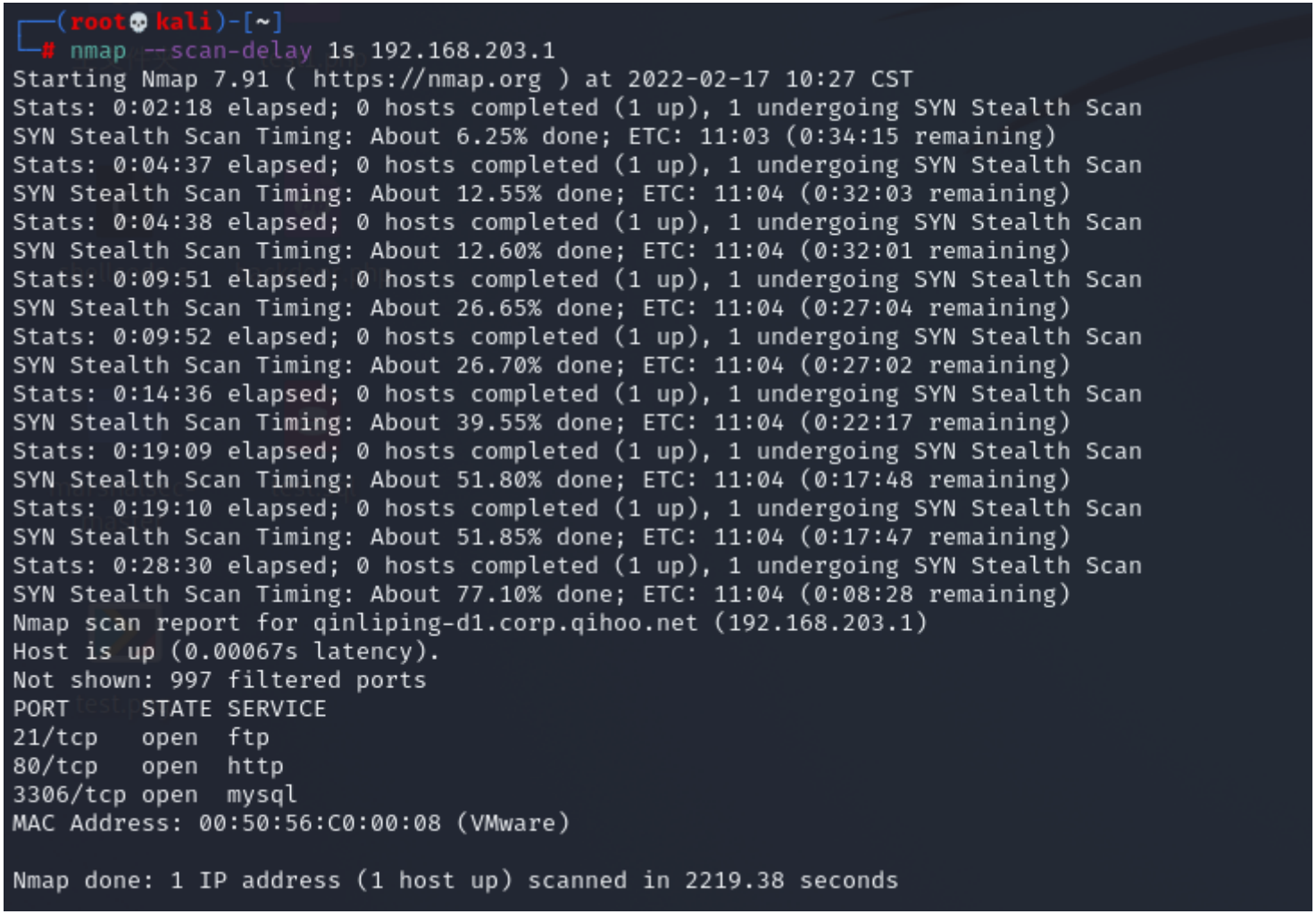
3、--initial-rtt-timeout

```
┌──(root💀kali)-[~]
└─# nmap --initial-rtt-timeout 1000ms 192.168.203.1
Starting Nmap 7.91 ( https://nmap.org ) at 2022-02-17 10:10 CST
Nmap scan report for qinliping-d1.corp.qihoo.net (192.168.203.1)
Host is up (0.00074s latency).
Not shown: 997 filtered ports
PORT     STATE SERVICE
21/tcp   open  ftp
80/tcp   open  http
3306/tcp open  mysql
MAC Address: 00:50:56:C0:00:08 (VMware)

Nmap done: 1 IP address (1 host up) scanned in 4.70 seconds
```

调整探测报文超时

4、-scan-delay



调整探测报文的时间间隔