



????????

??????????

???????

```
##### 00 00000000 00000000 Nmap ***** ##### 000000000000 000000000000 ***** ##### TCP ISN, 00 00000000 (username) ##### ##### 000000000000 000000000000 ##### 000000000000 000000000000 IP-Verzirk 2.2
```

?????

[illegible]



?? ??????? ???? ???? ?????, ?? ???? ????? sendmail ????????. ?????? ?????? Nmap ???? ??????? ??????? ?????? (?????)

SYN-??????????

[illegible]

```

Microsoft Windows, [?] ?????, ?????????????????????? ????-???????????????????? Windows ?? ??????? ? RST-????, ? ?????? ????? ? ???? ??????? ? ??????. ?????? ?? ??? ?????? ???? ???? ???? ???? ???? Nmap
?????????.

```

[illegible][illegible]

```
##### (##### microsoft.com) ##### 777-####. 88 999 00000 Nmap 11111 TCP ACK-#### 80-1 222 3333333333333333 (?? 4444444444, 5555 6666 77 RST-####, 889 0000000, 1111111111111111 SYN-#### 2222222222222222 RST 3333 SYNACK. 444 5555555555555555, 66 7777777777777777 root, 8888888888888888 connect)
```

[illegible][illegible]

<http://www.cherepovets-city.ru/insecure/runmap/runmap-versionscan.htm> [1] ..!!!! -version\_trace ?????????? Nmap ?

[illegible][illegible][illegible][illegible][illegible]

???????? ?? (AIX, HP-UX, Digital UNIX) ? ????????? ????? ????????????? ????????? ????????????? "???????? ?????????????" . ?? ???? ????????? ??? ????????????? ????????????? ????? "????????" (2.2. ??????????????????)

התקן יוצר קשרי רשת עם שרת ה-IP 192.168.1.100, שרת ה-ICMP ושרת ה-UDP. התקן יוצר קשרי רשת עם שרת ה-IP 192.168.1.100, שרת ה-ICMP ושרת ה-UDP.

[-sl zcmble xocf{no:p}](#) (scan kile) [здесь](#) [2] [Nmap](#) [tcp plug](#)

[illegible]

0000 00000000 00 000000000000 0000 000000000000 ACK-00000 (00 0000000000 0000000000 0000) acknowledgement number ? sequence number). 0000 0 00000 000000 RST-00000, 0000 0000000000000000 000 "000000000000", 0000 000000 00 0000000000 (000 000000 ICMP-0000000000 0 000000000000 000000, 0000 0000000000000000 000 "000000000000"

**-SW** (scan Window) : ?????????? TCP Window: ???? ACK:?????, ??, ???? ???? ???? Initial Window TCP:????, ??????????  
 ??????????

[illegible]



הערה, יש להדגיש שההתקנת `rpcinfo -p`, יחד עם `postmap` ו-`TCP-wrapper`.

```
-SL (scan List) - 77777777 777777 777777777777 777777. 777 77777 77777777 777 77777777 777777 77777777 777777, 777777 777777 77777777777777 Nmap
```

-b &lt;ftp\_relay xoct&gt; (bosunche scan) - ?????????? ?????? "?????? ???? FTP". ?????????? ?????????? ?????????? FTP (RFC 959) ?????????? ?????????? (proxy) ftp-????????? ?????????? ?????????? ?????????? source.com ?????? ?????????? ? ftp-????????? target.com ? ?????????? ?????, ?????????? ?????? ? ???? ? ???? ???? ? Internet! ??????, ??? ?????? ??????????

```
#####СКЛ#####имя_пользователя:пароль@сервер.порт#####
```

????? ?????????? ? ?????? ?????????????????? ???????????????

?? ???? ?? ????????? (3.2. ????????? ????????? Nmap ? ?? ?? ?????), ????? ?? ?? ????????? ?????????.

[illegible][illegible][illegible]

**-PS (Ping SYN)** - 0000, 0000 0000000000 000 ping-00000. 000 0000 00000 ACK-00000 TCP "ping" 0000000000 SYN-00000. 000000 0000 000000 0 0000 RST-00000 (0000 - SYN|ACK)

**-PU [portlist] (Ping UDP)** - ????????? UDP Ping. Nmap ????????? UDP: ?????? ?? ????????????? ? ?????? ? ????? ICMP "port unreachable" (?? ?????? ?? ????????????? ?????? UDP) ????? ??????????. ?????????? ?????????????????, ????????????????? UDP, ?? ?????????? ?? ??????, ?? ?????? ?????????????????, ?????????? ?????????? ?????????.

[illegible]

**-PP -** ?????????? ????? ICMP "timestamp request (code 13)" ??? ???????????? ?????????? ???????

**-PM - 00000 0 00000000-PE 0-PP 00 000000000000 0000, 000 000000000000 00000 "netmask request" (ICMP code 17).**

```
-PB (Ping Both) - ping-???? ?? ??????? ????????? ??????????? ??????? ??? ACK ? ICMP
```

[illegible][illegible][illegible]

**-A** ??? ????? ???????? additional advanced aggressive, ? ?????????? ????? -O, -sV, -T4 ? -v.

```
-6. 000000 0000000000 0000000000 0000000000 0000000000 IPv6 000 0000 000000 0000000000000000 IPv6 000 0000000000000000 0000 000000, 0 0000 0000 00000000 00000 0000000000000000 00000 DNS (000000 AAAA) 000 0000000000000000 IP-00000000, 00000000 3ffe:501:4819:2000:21b:f603:4d0. 00 000000 0000000, 0000000000000000 000000 000000 TCP connect().000000000000 0 TCP connect() Ping-000000000000. 0000 0000
```

???????? UDP ??? ?????? ???? ?????????, ????????? ???? <http://nmap6.sourceforge.net/> [3]

-1 (Ident scan). ???????????? reverse-ident ?????????? Ident (RFC 1413) ?????????? ???? ????????????? (username) ?????????, ????????????? TCP, ???? ???? ???? ??????? ?? ????????????????? ?????. ???, ????????, ?? ??????? ????????????? ???? http : ???? ????????????? idend ???? ???? ?? ??????? ????????????? root. ???? ???? ???? ??????? ??????? ???? ?????????????

[illegible][illegible][illegible][illegible]

```
-h (show help) - ??????? ?????? ?? ????????????? Nmap ? ????????? ????? ? ???????? ?? ???????, ?? ??????? ??? ?????????.
```

```
-oN <имя_файла> (output Normal) - ?????????? ?????????? ?????????? ? ?????????? ??? ? ??????? ??? ?????????? ?????
```

[illegible]

???????? Nmap ? ?????? XML ?????? ?????? <http://www.insecure.org/nmap/nmap.dtd> [4]

grep -oG <имя файла> (output Grepable) - выводит только те строки, которые содержат заданный текст. Например, grep -oG 'cat' file.txt выведет только строки, содержащие слово cat.

XML: ??????????????????????..

```
-oA <базовое_имя_файла> (output All) - ?????????? ?????????? ?? ??? ?????????? ?????????? (?????????, grep ? XML). ??? ?????????? ?????????? ??? ?????, ? ?????????? ?????? ?????? ?????????? base.nmap, base.gnmap ? base.xml
```







```

00000000 00000000 000000 000000000000 Nmap: 000000000000 000000 000000 00000000 00000000 00000000 00000000 000000

```

```
nmap -v target.example.com
```

```
##### 000 0000000000000000 TCP-00000 00 00000 target.example.com, 00000 '-' 00000000 00000000 00000000 00000000 00000 0 0000 00000000 000000000000
```

```
nmap -sS -O target.example.com/24
```

[illegible]

```
nmap -sX -p 22,53,110,143,4564 128.210.*.1-127
```

```
nmap -v --randomize_hosts -p80 *.*.2.3-5
```

[illegible]

```
host -l companyv.com |cut '-d' -f 4| ./nmap -v -iL
```

```
0000000000000000 DNS 7916 3 00000 00000 00000000.comcast.com 0000000 00000 Nman 79 00000 000 00000000 00000000 GNTU linux 000 00000 00 000 00000 000000000 00000000 00000
```

[illegible]

?????? ?????:

<http://www.insecure.org/> [5]

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