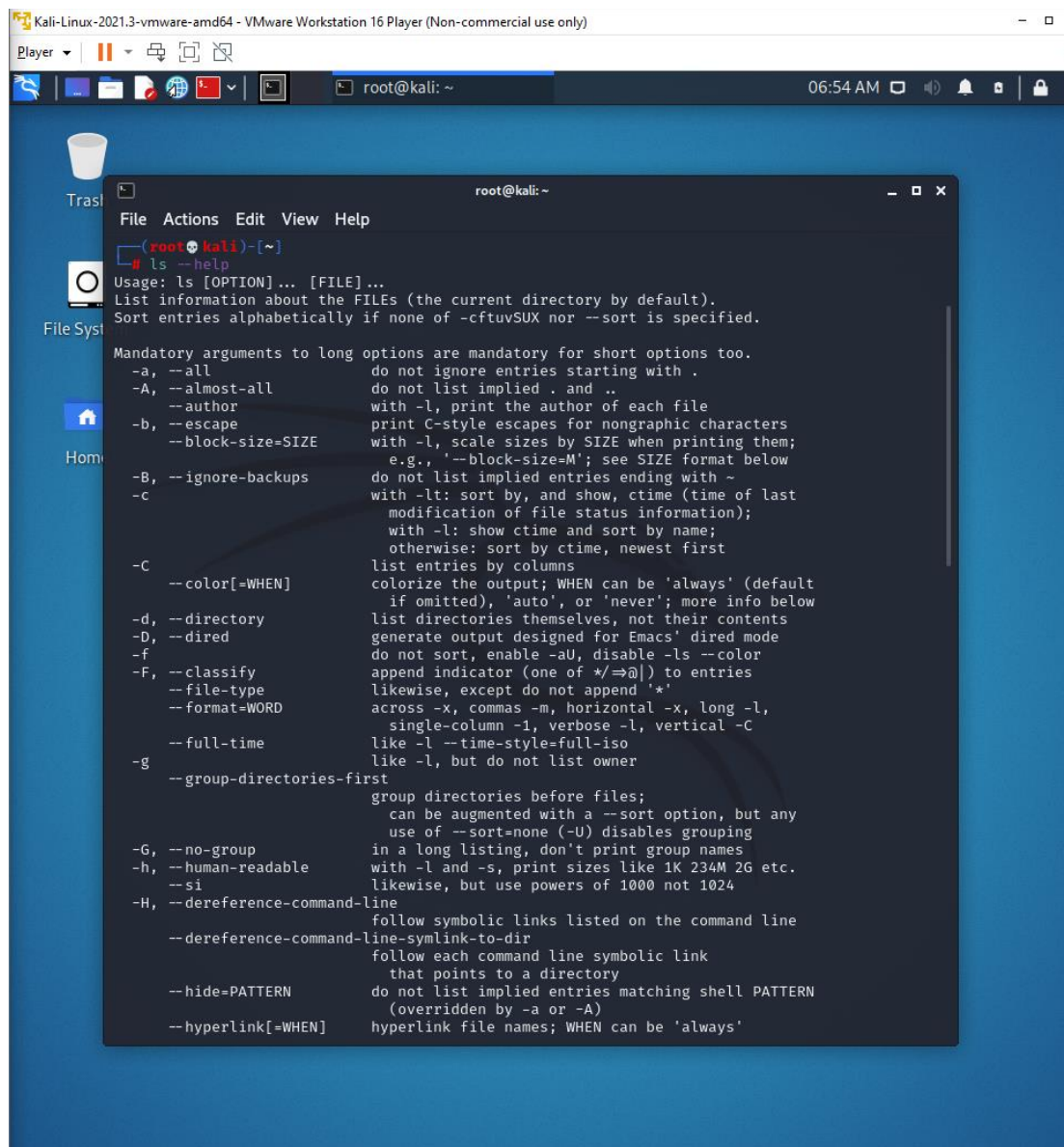


## Задание 2. Обзор и настройка лабораторного стенда

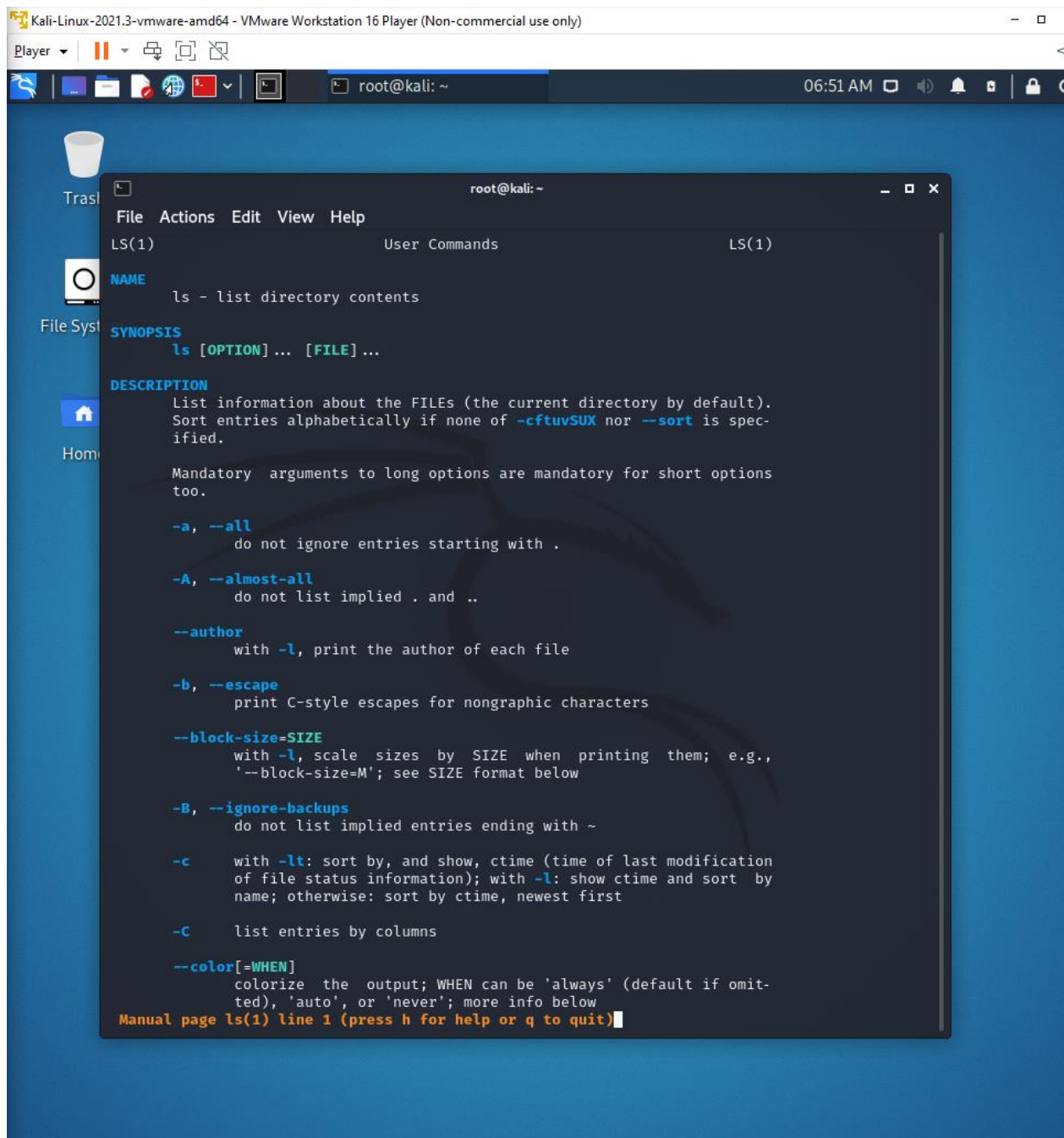


The screenshot shows a Kali Linux desktop environment with a terminal window open. The terminal displays the help output for the 'ls' command, which is a list of options and their descriptions. The terminal window has a title bar that reads 'root@kali: ~' and a menu bar with 'File', 'Actions', 'Edit', 'View', and 'Help'. The terminal output is as follows:

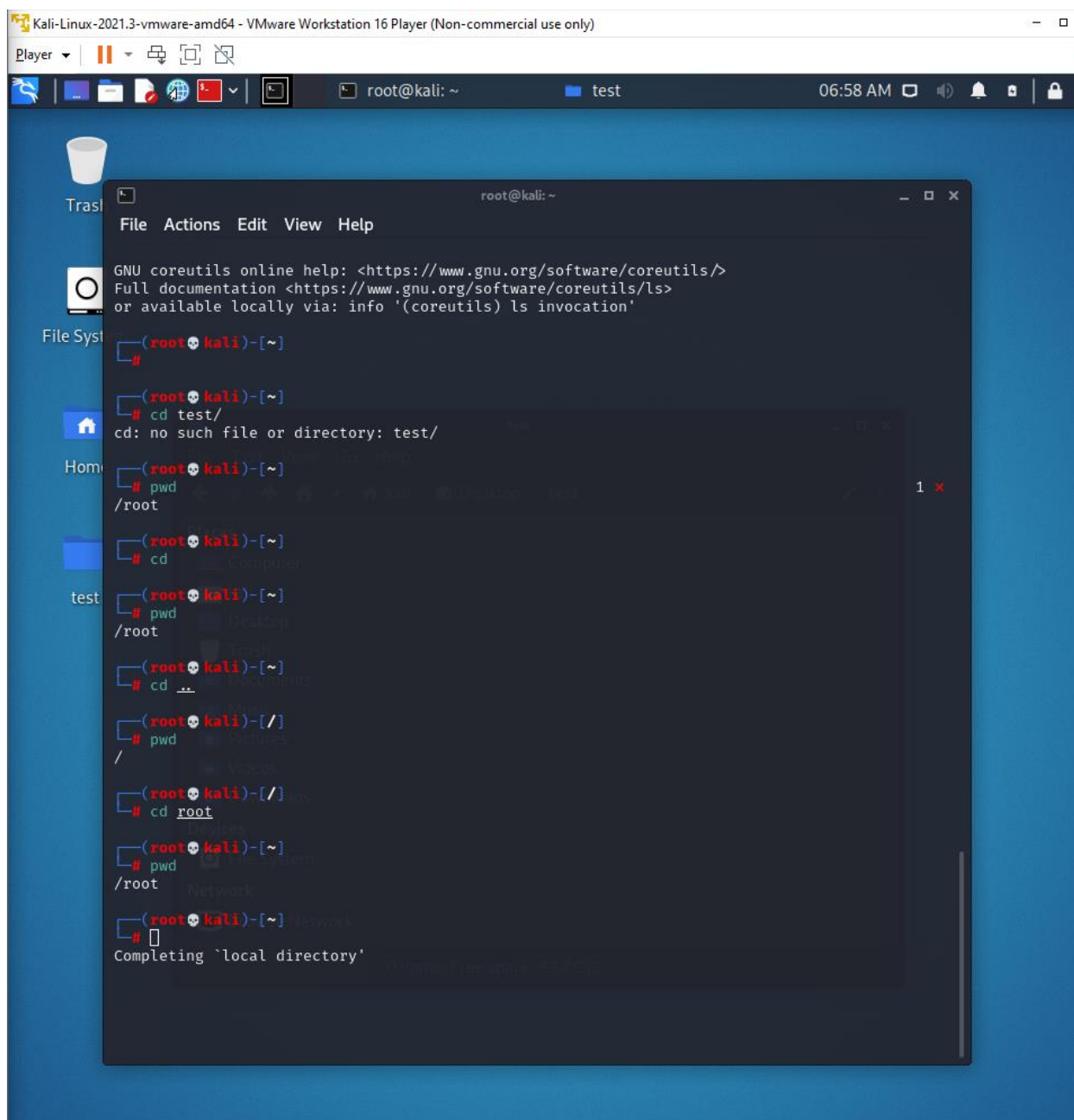
```
(root@kali)-[~]
# ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILES (the current directory by default).
Sort entries alphabetically if none of -ctuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
  -a, --all                do not ignore entries starting with .
  -A, --almost-all        do not list implied . and ..
  --author                with -l, print the author of each file
  -b, --escape             print C-style escapes for nongraphic characters
  --block-size=SIZE       with -l, scale sizes by SIZE when printing them;
                          e.g., '--block-size=M'; see SIZE format below
  -B, --ignore-backups    do not list implied entries ending with ~
  -c                      with -lt: sort by, and show, ctime (time of last
                          modification of file status information);
                          with -l: show ctime and sort by name;
                          otherwise: sort by ctime, newest first
  -C                      list entries by columns
  --color[=WHEN]          colorize the output; WHEN can be 'always' (default
                          if omitted), 'auto', or 'never'; more info below
  -d, --directory         list directories themselves, not their contents
  -D, --dired              generate output designed for Emacs' dired mode
  -f                      do not sort, enable -aU, disable -ls --color
  -F, --classify          append indicator (one of */=>@|) to entries
                          likewise, except do not append '*'
  --file-type             likewise, except do not append '*'
  --format=WORD            across -x, commas -m, horizontal -x, long -l,
                          single-column -l, verbose -l, vertical -C
  --full-time             like -l --time-style=full-iso
  -g                      like -l, but do not list owner
  --group-directories-first
                          group directories before files;
                          can be augmented with a --sort option, but any
                          use of --sort=none (-U) disables grouping
  -G, --no-group          in a long listing, don't print group names
  -h, --human-readable    with -l and -s, print sizes like 1K 234M 2G etc.
  --si                   likewise, but use powers of 1000 not 1024
  -H, --dereference-command-line
                          follow symbolic links listed on the command line
  --dereference-command-line-symlink-to-dir
                          follow each command line symbolic link
                          that points to a directory
  --hide=PATTERN          do not list implied entries matching shell PATTERN
                          (overridden by -a or -A)
  --hyperlink[=WHEN]     hyperlink file names; WHEN can be 'always'
```

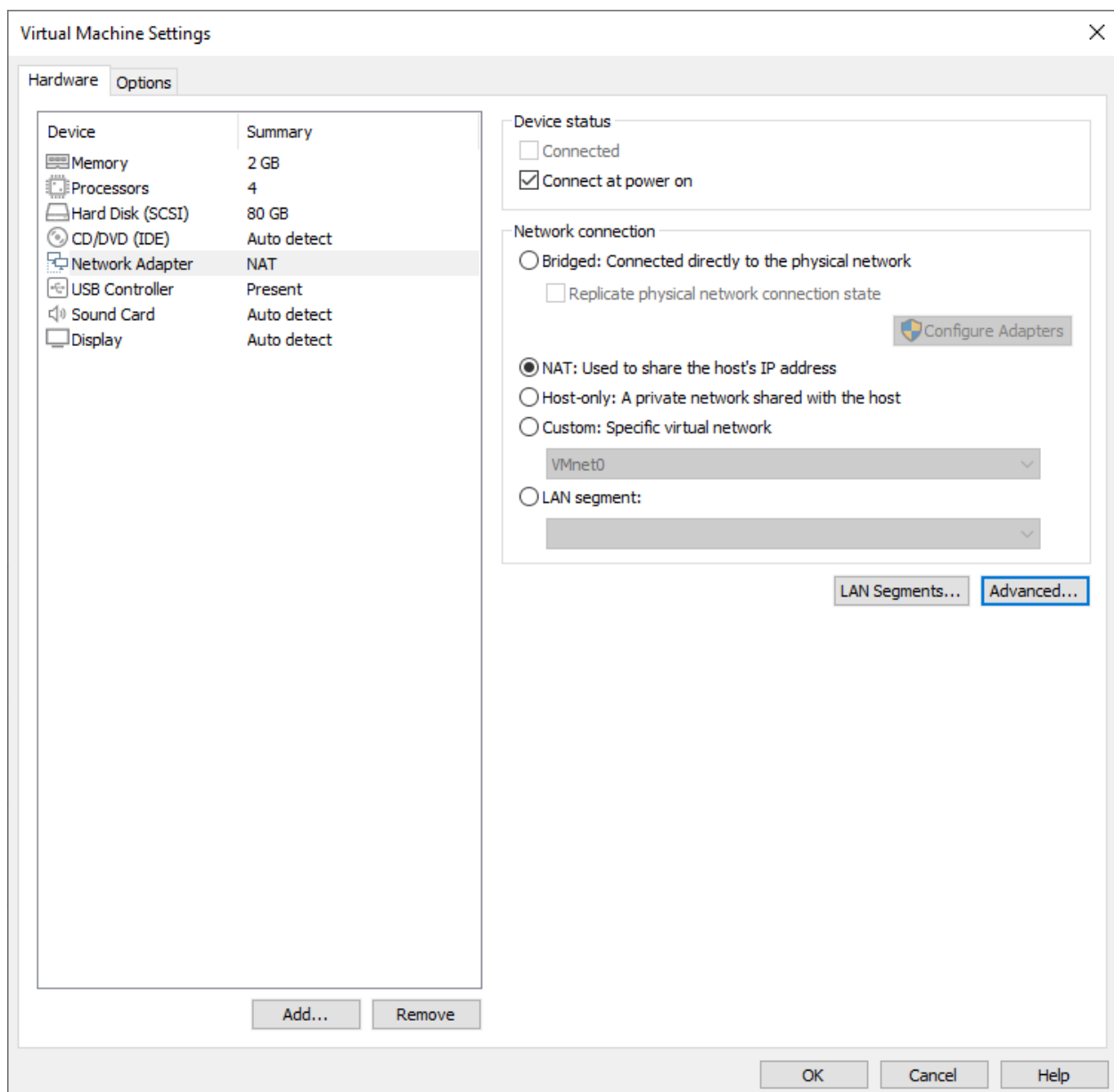
Знакомимся с командами kali linux



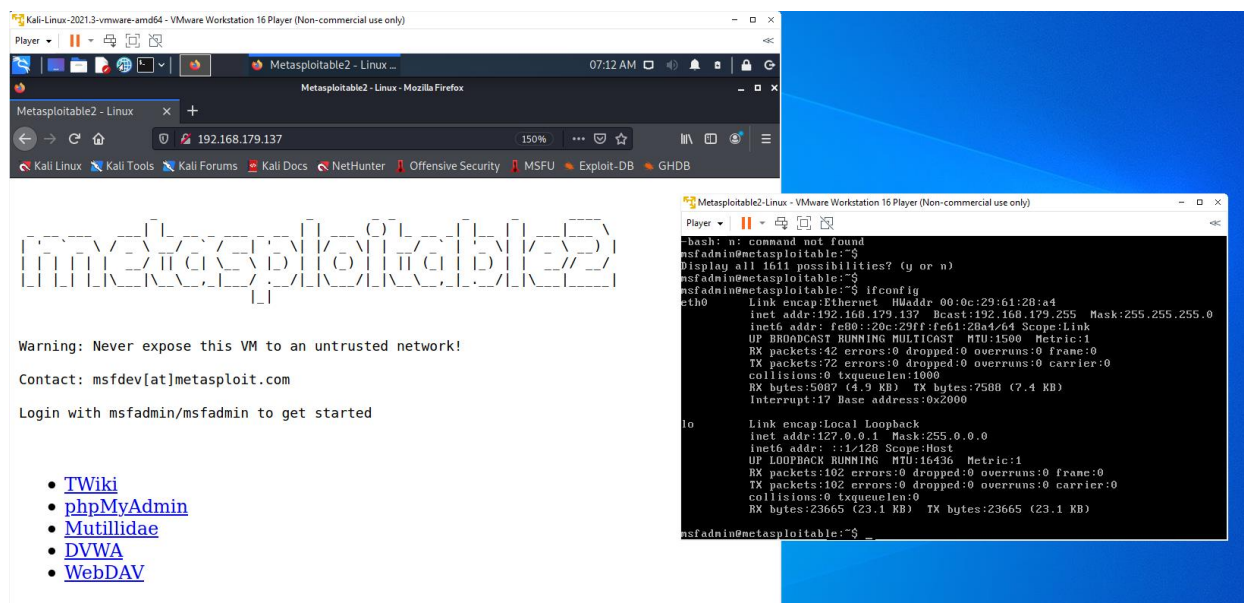
Еще команды помощи



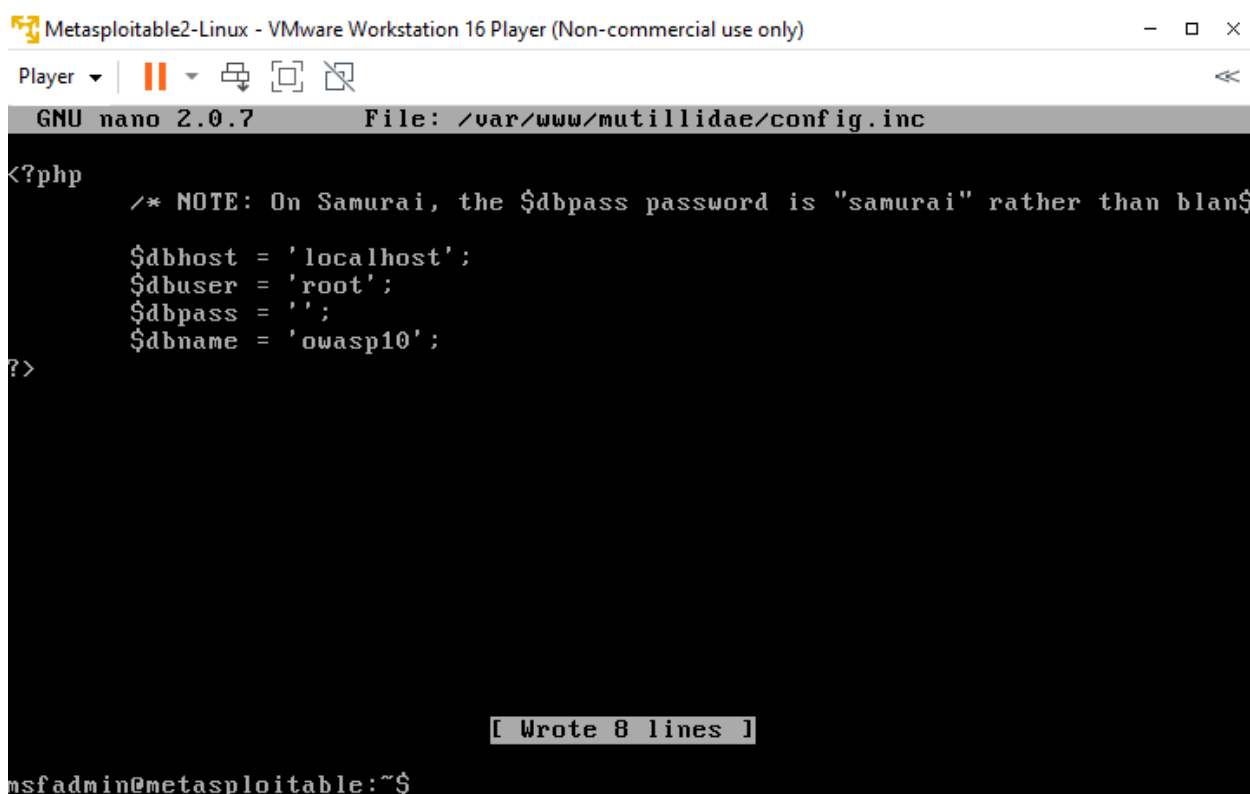
Переход по каталогам



В WMVare убеждаемся, что на всех машинах в качестве Network Adapter выбран NAT



Узнаем ip metasploitable и открываем его в kali



Исправляем конфигурацию одного из сайтов metasploitable