

REPORT S3/L1

GameShell

Traccia

Nell'esercizio di oggi installeremo su Kali Linux un gioco per familiarizzare con i comandi della shell.

Svolgimento

Di seguito riportiamo gli screen che mostrano la risoluzione dei primi 18 livelli

```
[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Castle

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Main_tower/

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
First_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd First_floor/

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Second_floor

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Second_floor/

[use 'gsh help' to get a list of available commands]
[mission 1] $ ls
Top_of_the_tower

[use 'gsh help' to get a list of available commands]
[mission 1] $ cd Top_of_the_tower/

[use 'gsh help' to get a list of available commands]
[mission 1] $ gsh check

Congratulations, mission 1 has been successfully completed!
```

```

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd ..

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd..
cd..: command not found

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd ..

[use 'gsh help' to get a list of available commands]
[mission 2] $ pwd
/home/kali/gameshell/World/Castle

[use 'gsh help' to get a list of available commands]
[mission 2] $ ls
Cellar Great_hall Main_building Main_tower Observatory

[use 'gsh help' to get a list of available commands]
[mission 2] $ cd Cellar/

[use 'gsh help' to get a list of available commands]
[mission 2] $ ls
barrel_of_apples

[use 'gsh help' to get a list of available commands]
[mission 2] $ gsh check

Congratulations, mission 2 has been successfully completed!

```

```

[use 'gsh help' to get a list of available commands]
[mission 3] $ cd

[use 'gsh help' to get a list of available commands]
[mission 3] $ cd /home/kali/gameshell/World/Castle/Main_building/Throne_room

[use 'gsh help' to get a list of available commands]
[mission 3] $ gsh check

Congratulations, mission 3 has been successfully completed!

```



Well done!!!

From now on, the current location will be shown just before the command prompt.

```
[mission 4] $ pwd
/home/kali/gameshell/World

~
[mission 4] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 4] $ cd Forest/

~/Forest
[mission 4] $ ls

~/Forest
[mission 4] $ mkdir Hut

~/Forest
[mission 4] $ ls
Hut

~/Forest
[mission 4] $ cd Hut/

~/Forest/Hut
[mission 4] $ mkdir Chest

~/Forest/Hut
[mission 4] $ ls
Chest

~/Forest/Hut
[mission 4] $ gsh check

Congratulations, mission 4 has been successfully completed!
```

```
[mission 5] $ pwd
/home/kali/gameshell/World

~
[mission 5] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 5] $ cd Castle/

~/Castle
[mission 5] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

~/Castle
[mission 5] $ cd Cellar/

~/Castle/Cellar
[mission 5] $ ls
barrel_of_apples  bat_1  bat_2  spider_1  spider_2  spider_3

~/Castle/Cellar
[mission 5] $ rm spider_*

~/Castle/Cellar
[mission 5] $ ls
barrel_of_apples  bat_1  bat_2

~/Castle/Cellar
[mission 5] $ gsh check

Congratulations, mission 5 has been successfully completed!
```

```
~/Castle/Cellar
[mission 6] $ pwd
/home/kali/gameshell/World/Castle/Cellar

~/Castle/Cellar
[mission 6] $ cd ..

~/Castle
[mission 6] $ cd ..

~
[mission 6] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 6] $ cd Garden/

~/Garden
[mission 6] $ ls
coin_1  coin_2  coin_3  Flower_garden  Maze  Shed

~/Garden
[mission 6] $ mv coin_* /home/kali/gameshell/World/Forest/Hut/Chest/

~/Garden
[mission 6] $ gsh check

Congratulations, mission 6 has been successfully completed!
```

```
~/Garden
[mission 7] $ la -A
la: command not found

~/Garden
[mission 7] $ ls -A
.13372_coin_3  .15701_coin_2  .46291_coin_1  Flower_garden  Maze  Shed

~/Garden
[mission 7] $ mv .*coin_* /home/kali/gameshell/World/Forest/Hut/Chest/

~/Garden
[mission 7] $ gsh check

Congratulations, mission 7 has been successfully completed!
```

```

~
[mission 8] $ ls
Castle  Forest  Garden  Mountain  Stall

~
[mission 8] $ cd Castle/

~/Castle
[mission 8] $ ls
Cellar  Great_hall  Main_building  Main_tower  Observatory

~/Castle
[mission 8] $ cd Cellar/

~/Castle/Cellar
[mission 8] $ ls -A
10542_spider_46  14122_spider_48  18747_spider_26  24084_spider_32  30821_spider_11  7211_spider_13
10945_spider_42  14262_spider_14  19376_spider_2  24827_bat_3     30952_spider_43  7417_spider_47
11222_bat_2     15385_spider_6  19478_spider_9  24952_spider_10  3689_spider_17  7817_spider_3
12239_spider_18 15871_spider_34 20251_spider_33 25525_bat_4     3703_spider_1   9104_spider_16
12398_spider_29 16161_bat_5     2210_spider_45 25709_spider_25 3991_spider_44  9973_spider_37
12529_bat_1     1621_spider_20 22188_spider_40 27996_spider_30 5016_spider_49  barrel_of_apples
12746_spider_24 16402_spider_5  23163_spider_50 28798_spider_41 5439_spider_39
12845_spider_28 16987_spider_19 23207_spider_23 29483_spider_31 5620_spider_35
12879_spider_22 18019_spider_27 2337_spider_36 30284_spider_12 5753_spider_38
1334_spider_21 18138_spider_4 234_spider_7   30808_spider_15 6546_spider_8

~/Castle/Cellar
[mission 8] $ rm *_spider_*

~/Castle/Cellar
[mission 8] $ ls -A
11222_bat_2  12529_bat_1  16161_bat_5  24827_bat_3  25525_bat_4  barrel_of_apples

~/Castle/Cellar
[mission 8] $ gsh check

Congratulations, mission 8 has been successfully completed!

```



```
~/Castle/Cellar
[mission 9] $ ls -A
.1068_spider_3      .17520_spider_14  .24304_spider_25  .27788_spider_22  .31274_spider_33  .7833_spider_15
.10878_spider_42   .18267_spider_19  .24547_spider_29  .2823_spider_45   .32716_spider_12  .8398_bat_1
11222_bat_2        .19831_spider_50  .247_spider_11    .28302_bat_4      .32_spider_32     .8525_spider_35
12529_bat_1        .20329_spider_6   24827_bat_3       .28650_spider_5   .4128_spider_4    .9106_spider_7
.12861_spider_37   .20492_spider_48  .2515_spider_26   .28858_spider_40  .4598_spider_21   .9451_bat_3
.1313_spider_20    .21374_spider_16  25525_bat_4       .28864_spider_1   .6121_spider_17   barrel_of_apples
.13190_spider_49   .224_spider_34    .25951_spider_23  .28970_spider_24  .6627_spider_43
.14828_spider_8    .22581_spider_47  .26184_spider_31  .29011_spider_41  .6684_spider_2
.15913_spider_13   .22983_spider_46  .26993_spider_39  .29136_spider_36  .7485_spider_38
16161_bat_5        .23013_spider_44  .2734_bat_2       .29465_spider_28  .7730_spider_18
.16345_spider_27   .24010_spider_30  .27551_spider_10  .31271_spider_9   .7809_bat_5
```

```
~/Castle/Cellar
[mission 9] $ rm *_spider_*
```

```
~/Castle/Cellar
[mission 9] $ ls -A
11222_bat_2  16161_bat_5  25525_bat_4  .28302_bat_4  .8398_bat_1  barrel_of_apples
12529_bat_1  24827_bat_3  .2734_bat_2  .7809_bat_5  .9451_bat_3
```

```
~/Castle/Cellar
[mission 9] $ gsh check
```

Congratulations, mission 9 has been successfully completed!



Congratulations !

From now on, the ``ls`` command will automatically show a "/" character at the end of directories.

```
~/Castle/Cellar
[mission 10] $ cd ..

~/Castle
[mission 10] $ ls
Cellar/  Great_hall/  Main_building/  Main_tower/  Observatory/

~/Castle
[mission 10] $ cd Great_hall/

~/Castle/Great_hall
[mission 10] $ ls
35664_decorative_shield  39291_stag_head  5550_suit_of_armour  standard_1  standard_2  standard_3  standard_4

~/Castle/Great_hall
[mission 10] $ cp -p standard_* /home/kali/gameshell/World/
.bashrc  Castle/  Forest/  Garden/  .lessht  Mountain/  Stall/

~/Castle/Great_hall
[mission 10] $ cp -p standard_* /home/kali/gameshell/World/Forest/Hut/Chest/

~/Castle/Great_hall
[mission 10] $ gsh check
```

Congratulations, mission 10 has been successfully completed!

```
~/Castle/Great_hall
[mission 11] $ ls
12712_decorative_shield  25580_tapestry_08  40663_tapestry_04  48772_suit_of_armour  63183_tapestry_06  standard_3
20287_tapestry_09        30485_tapestry_05  46670_tapestry_03  50853_stag_head      standard_1          standard_4
23017_tapestry_02        35727_tapestry_07  48326_tapestry_10  62636_tapestry_01    standard_2

~/Castle/Great_hall
[mission 11] $ cp -p *_tapestry_* /home/kali/gameshell/World/Forest/Hut/Chest/

~/Castle/Great_hall
[mission 11] $ gsh check

Congratulations, mission 11 has been successfully completed!
```

```
~/Castle/Main_tower/First_floor
[mission 12] $ ls
painting_EShyGSGL  painting_FQkxhfwL  painting_KJpVMaDb  Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ ls -ltr
total 16
-rw-rw-r-- 1 kali kali 1054 Dec  7  1987 painting_KJpVMaDb
-rw-rw-r-- 1 kali kali 1503 Nov  5  1997 painting_FQkxhfwL
-rw-rw-r-- 1 kali kali 1455 Jan 10  2013 painting_EShyGSGL
drwxrwxr-x 3 kali kali 4096 Dec 10 08:36 Second_floor/

~/Castle/Main_tower/First_floor
[mission 12] $ cp -p painting_KJpVMaDb /home/kali/gameshell/World/Forest/Hut/Chest/

~/Castle/Main_tower/First_floor
[mission 12] $ gsh check

Congratulations, mission 12 has been successfully completed!
```



```
~/Castle/Main_tower/First_floor
[mission 13] $ cal 1979
```

```

1979
    January          February          March
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6          1  2  3          1  2  3
    7  8  9 10 11 12 13      4  5  6  7  8  9 10      4  5  6  7  8  9 10
   14 15 16 17 18 19 20     11 12 13 14 15 16 17     11 12 13 14 15 16 17
   21 22 23 24 25 26 27     18 19 20 21 22 23 24     18 19 20 21 22 23 24
   28 29 30 31              25 26 27 28              25 26 27 28 29 30 31
```

```

    April           May           June
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6  7          1  2  3  4  5          1  2
    8  9 10 11 12 13 14      6  7  8  9 10 11 12      3  4  5  6  7  8  9
   15 16 17 18 19 20 21     13 14 15 16 17 18 19     10 11 12 13 14 15 16
   22 23 24 25 26 27 28     20 21 22 23 24 25 26     17 18 19 20 21 22 23
   29 30              27 28 29 30 31                24 25 26 27 28 29 30
```

```

    July           August           September
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6  7          1  2  3  4          1
    8  9 10 11 12 13 14      5  6  7  8  9 10 11      2  3  4  5  6  7  8
   15 16 17 18 19 20 21     12 13 14 15 16 17 18      9 10 11 12 13 14 15
   22 23 24 25 26 27 28     19 20 21 22 23 24 25     16 17 18 19 20 21 22
   29 30 31              26 27 28 29 30 31     23 24 25 26 27 28 29
                                     30
```

```

   October         November         December
Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa
    1  2  3  4  5  6          1  2  3          1
    7  8  9 10 11 12 13      4  5  6  7  8  9 10      2  3  4  5  6  7  8
   14 15 16 17 18 19 20     11 12 13 14 15 16 17      9 10 11 12 13 14 15
   21 22 23 24 25 26 27     18 19 20 21 22 23 24     16 17 18 19 20 21 22
   28 29 30 31              25 26 27 28 29 30     23 24 25 26 27 28 29
                                     30 31
```

```
~/Castle/Main_tower/First_floor
[mission 13] $ gsh check
```

```
What was the day of the week for the 11-23-1979?
```

- 1 : Monday
- 2 : Tuesday
- 3 : Wednesday
- 4 : Thursday
- 5 : Friday
- 6 : Saturday
- 7 : Sunday

```
Your answer: 5
```

```
Congratulations, mission 13 has been successfully completed!
```

```
~/Castle/Main_tower/First_floor
[mission 14] $ alias la='ls -A'

~/Castle/Main_tower/First_floor
[mission 14] $ la
.nice_rock  painting_EShyGSGl  painting_FQkxhfwL  painting_KJpVMaDb  Second_floor/

~/Castle/Main_tower/First_floor
[mission 14] $ gsh check

Congratulations, mission 14 has been successfully completed!
```

```
~
[mission 15] $ nano Forest/Hut/Chest/journal.txt

~
[mission 15] $ gsh check


Congratulations, mission 15 has been successfully completed!
```

```
~
[mission 16] $ alias journal='nano /home/kali/gameshell/World/Forest/Hut/Chest/journal.txt'

~
[mission 16] $ journal

~
[mission 16] $ gsh check

Congratulations, mission 16 has been successfully completed!
```



```

      Congratulations!

      From now on you can use the file
      "~/gshrc"
      to record aliases. More information can be found in the file (it has been created
      for you).
```

```
~/Castle/Cellar
[mission 17] $ cd .Lair_of_the_spider_queen\ huKCVSLUKCCJSecc CYrPvYZnKfqtqqcz/

~/Castle/Cellar/.Lair_of_the_spider_queen huKCVSLUKCCJSecc CYrPvYZnKfqtqqcz
[mission 17] $ ls -A
EyrwezpjPuilVoeJ_baby_bat_NpXaDmeeMkmeYaLq  hoTFKAYnNbpWBvcf_spider_queen_LvbjvKIZpLfKtzeD

~/Castle/Cellar/.Lair_of_the_spider_queen huKCVSLUKCCJSecc CYrPvYZnKfqtqqcz
[mission 17] $ rm hoTFKAYnNbpWBvcf_spider_queen_LvbjvKIZpLfKtzeD

~/Castle/Cellar/.Lair_of_the_spider_queen huKCVSLUKCCJSecc CYrPvYZnKfqtqqcz
[mission 17] $ gsh check
Perfect, it took you only 16 seconds to complete this mission!

Congratulations, mission 17 has been successfully completed!
```