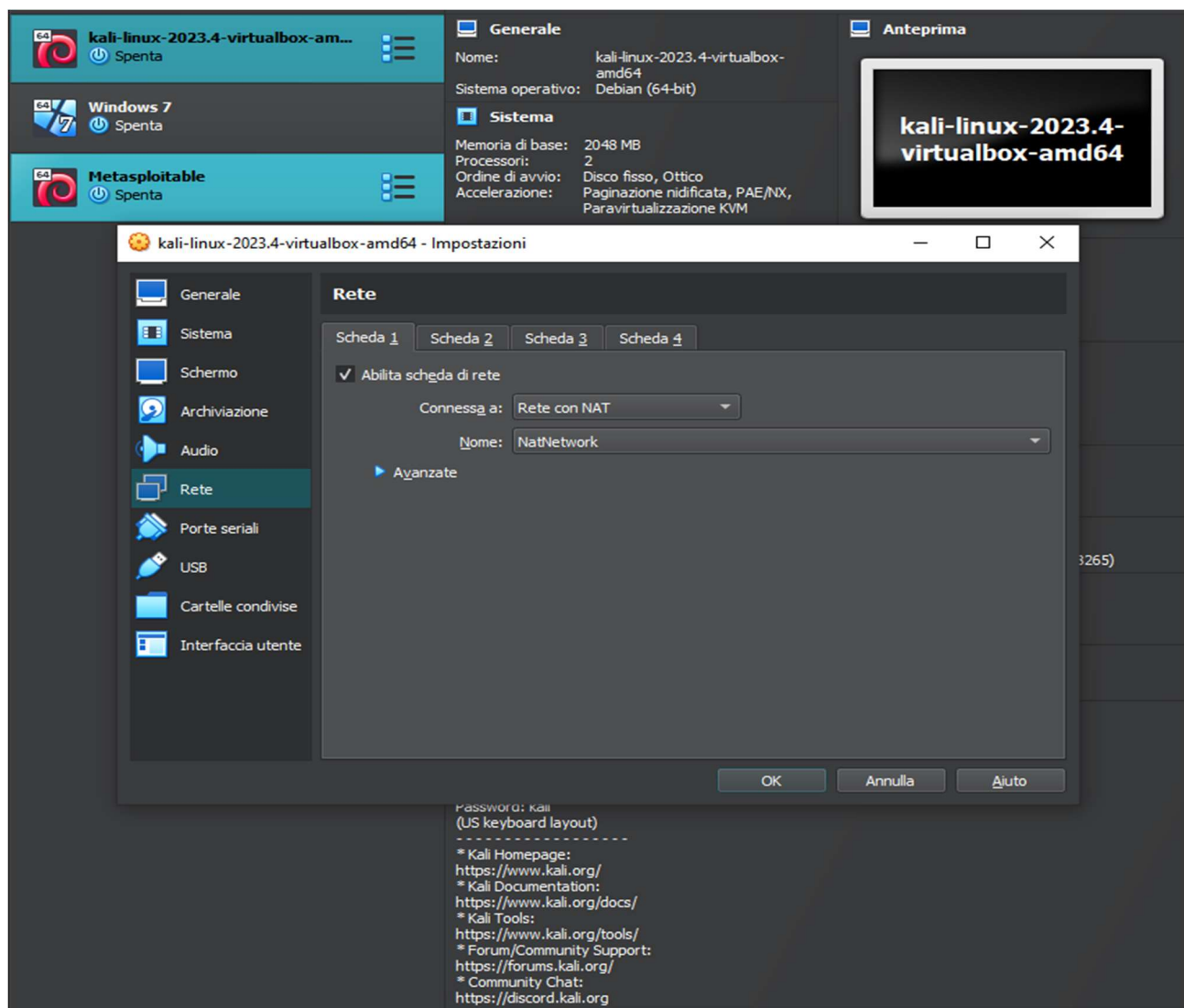
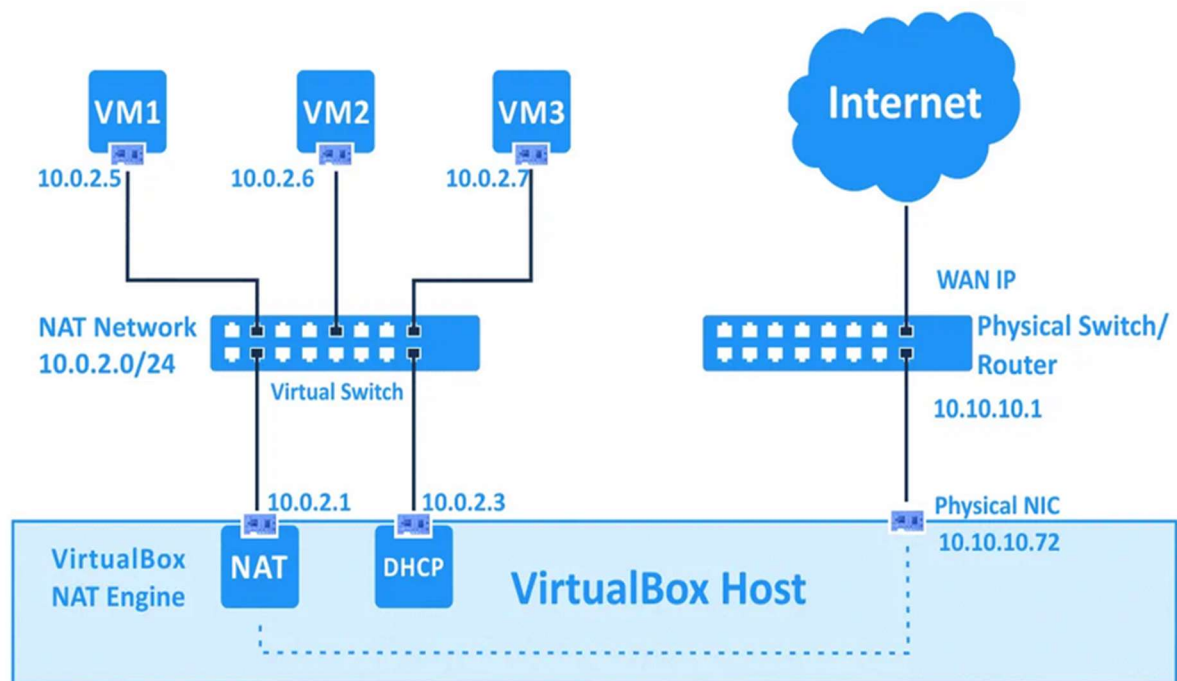


Faccio in modo che Kali Linux su macchina virtuale possa connettersi a internet, impostando anche un DNS specifico (8.8.8.8, scelgo quello di Google) come richiesto dalla traccia.

Metto le impostazioni di rete su Virtual Box per la macchina virtuale di Kali Linux su **"NAT Network"**. Tale modalità crea uno switch virtuale connesso alla macchina host la quale è connessa a internet; le macchine virtuali si trovano sulla stessa rete in questa modalità e possono pertanto comunicare tra loro (a differenza della modalità solo **"NAT"**). Non ci sono particolari impostazioni da modificare sulla macchina virtuale per collegarsi a Internet (serve solo creare una Nat Network su Virtual Box) quindi è più semplice rispetto alla modalità solo **"NAT"** ed è più sicuro rispetto alla modalità **"Bridged"** poiché non vi è un collegamento diretto alla scheda di rete fisica dell'host.

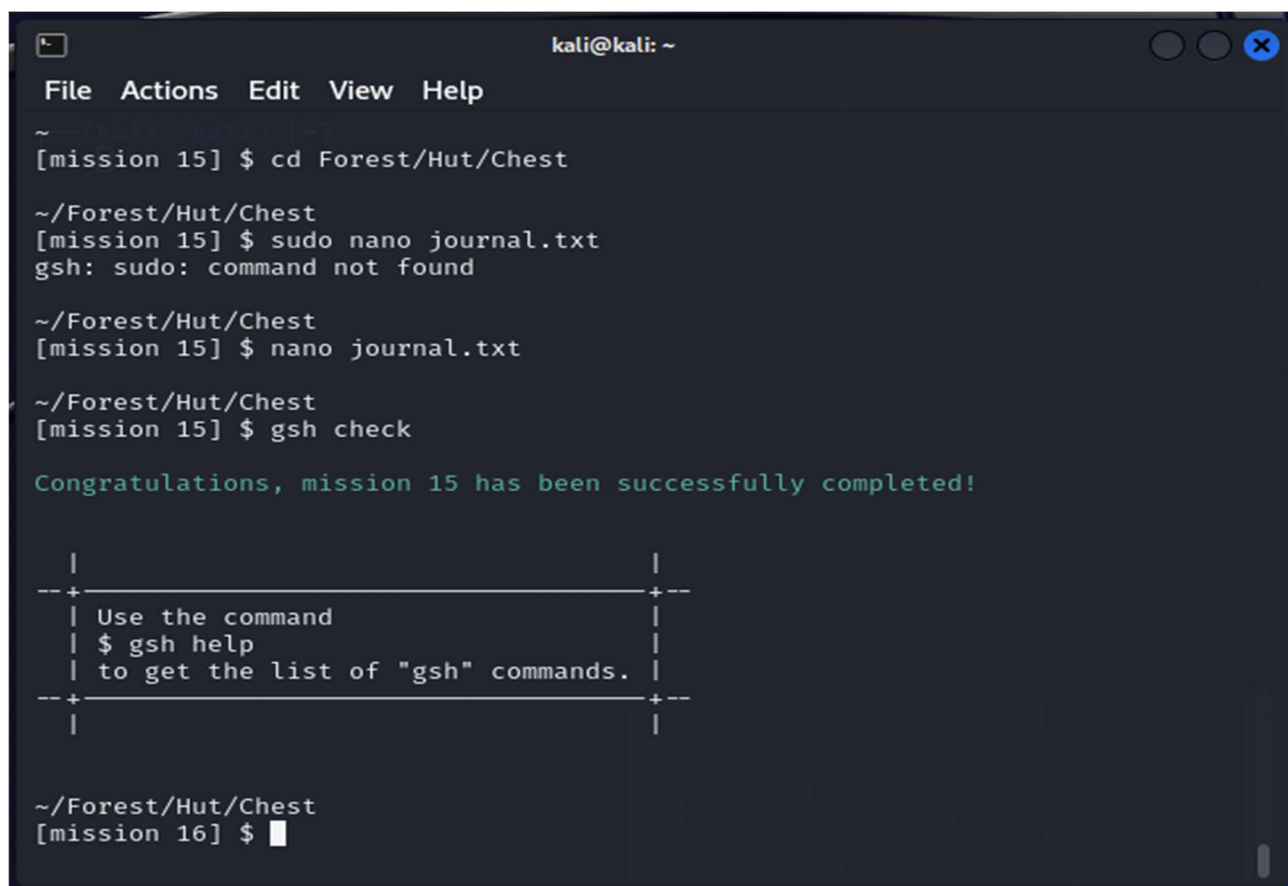




### IPv4

IP Address	192.168.50.4
Broadcast Address	192.168.50.255
Subnet Mask	255.255.255.0
Default Route	192.168.50.1
Primary DNS	8.8.8.8

Ho completato 15 livelli di GameShell.



```
kali@kali: ~  
File Actions Edit View Help  
~  
[mission 15] $ cd Forest/Hut/Chest  
~/Forest/Hut/Chest  
[mission 15] $ sudo nano journal.txt  
gsh: sudo: command not found  
~/Forest/Hut/Chest  
[mission 15] $ nano journal.txt  
~/Forest/Hut/Chest  
[mission 15] $ gsh check  
  
Congratulations, mission 15 has been successfully completed!  
  
+-----+  
| Use the command  
| $ gsh help  
| to get the list of "gsh" commands. |  
+-----+  
|  
  
~/Forest/Hut/Chest  
[mission 16] $
```

```
kali@kali: ~  
File Actions Edit View Help  
~/.Castle/Main_tower/First_floor  
[mission 14] $ alias la="ls -A"  
  
~/.Castle/Main_tower/First_floor  
[mission 14] $ la  
.nice_rock          painting_CtJPRqHk  Second_floor/  
painting_BfeewtoZ   painting_oMxUqASL  
  
~/.Castle/Main_tower/First_floor  
[mission 14] $ gsh check  
  
Congratulations, mission 14 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help      |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/.Castle/Main_tower/First_floor  
[mission 15] $
```

```
kali@kali: ~  
File Actions Edit View Help  
~/.Castle/Main_tower/First_floor  
[mission 13] $ gsh check  
What was the day of the week for the 01-14-2017?  
1 : Monday  
2 : Tuesday  
3 : Wednesday  
4 : Thursday  
5 : Friday  
6 : Saturday  
7 : Sunday  
Your answer: 6  
  
Congratulations, mission 13 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help      |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/.Castle/Main_tower/First_floor  
[mission 14] $
```

```
kali@kali: ~  
File Actions Edit View Help  
[mission 12] $ ls -l  
total 16  
-rw-r--r-- 1 kali kali 1055 Dec 16 1997 painting_BfewtoZ  
-rw-r--r-- 1 kali kali 1502 Feb 13 2013 painting_CtJPRqHk  
-rw-r--r-- 1 kali kali 1455 Nov 8 1987 painting_oMxUqASL  
drwxr-xr-x 3 kali kali 4096 Jan 30 09:21 Second_floor/  
  
~/Castle/Main_tower/First_floor  
[mission 12] $ cp painting_oMxUqASL ~/Forest/Hut/Chest  
  
~/Castle/Main_tower/First_floor  
[mission 12] $ gsh check  
  
Congratulations, mission 12 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Castle/Main_tower/First_floor  
[mission 13] $
```

```
kali@kali: ~  
File Actions Edit View Help  
[mission 11] $ ls  
17299_tapestry_09 49192_tapestry_06 58721_tapestry_07 standard_3  
18211_tapestry_02 49791_decorative_shield 62216_tapestry_01 standard_4  
42850_tapestry_04 57422_tapestry_10 9087_suit_of_armour  
45254_tapestry_05 5775_stag_head standard_1  
48335_tapestry_03 5801_tapestry_08 standard_2  
  
~/Castle/Great_hall  
[mission 11] $ cp *tapestry* ~/Forest/Hut/Chest  
  
~/Castle/Great_hall  
[mission 11] $ gsh check  
  
Congratulations, mission 11 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Castle/Great_hall  
[mission 12] $
```

```
kali@kali: ~  
File Actions Edit View Help  
~/Castle/Great_hall  
[mission 10] $ ls  
13198_decorative_shield 61554_suit_of_armour standard_2 standard_4  
60767_stag_head        standard_1        standard_3  
~/Castle/Great_hall  
[mission 10] $ cp standard_1 standard_2 standard_3 standard_4 ~/Forest/Hut/Chest  
~/Castle/Great_hall  
[mission 10] $ gsh check  
Congratulations, mission 10 has been successfully completed!  
  
+-----+  
| Use the command  
| $ gsh help  
| to get the list of "gsh" commands. |  
+-----+  
|  
~/Castle/Great_hall  
[mission 11] $
```

```
kali@kali: ~  
File Actions Edit View Help  
[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. |  
+-----+  
  
+-----+  
| Use the command  
| $ gsh help  
| to get the list of "gsh" commands. |  
+-----+  
|  
~/Castle/Cellar  
[mission 10] $
```

```
kali@kali: ~  
File Actions Edit View Help  
17787_spider_30 22486_spider_36 3219_spider_7 barrel_of_apples  
~/Castle/Cellar  
[mission 8] $ rm *spider*  
  
~/Castle/Cellar  
[mission 8] $ ls  
14461_bat_2 29408_bat_4 7381_bat_5  
19522_bat_3 368_bat_1 barrel_of_apples  
  
~/Castle/Cellar  
[mission 8] $ gsh check  
  
Congratulations, mission 8 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Castle/Cellar  
[mission 9] $
```

```
kali@kali: ~  
File Actions Edit View Help  
[mission 7] $ cd Garden  
~/Garden  
[mission 7] $ ls -A  
.16796_coin_1 .27328_coin_3 .35759_coin_2 Flower_garden Maze Shed  
  
~/Garden  
[mission 7] $ mv .16796_coin_1 .27328_coin_3 .35759_coin_2 ~/Forest/Hut/Chest  
  
~/Garden  
[mission 7] $ gsh check  
  
Congratulations, mission 7 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Garden  
[mission 8] $
```



```
kali@kali: ~  
File Actions Edit View Help  
~  
[mission 6] $ cd Garden  
~/Garden  
[mission 6] $ ls  
coin_1 coin_2 coin_3 Flower_garden Maze Shed  
~/Garden  
[mission 6] $ mv coin_1 coin_2 coin_3 ~/Forest/Hut/Chest  
~/Garden  
[mission 6] $ gsh check  
  
Congratulations, mission 6 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Garden  
[mission 7] $
```

```
kali@kali: ~  
File Actions Edit View Help  
[mission 5] $ ls  
barrel_of_apples bat_1 bat_2 spider_1 spider_2 spider_3  
~/Castle/Cellar  
[mission 5] $ rm spider_1 spider_2 spider_3  
~/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!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
  
~/Castle/Cellar  
[mission 6] $
```



```
kali@kali: ~
File Actions Edit View Help
~/Forest [mission 4] $ ls
Hut

~/Forest [mission 4] $ cd Hut

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

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

Congratulations, mission 4 has been successfully completed!

+-----+
| Use the command |
| $ gsh help      |
| to get the list of "gsh" commands. |
+-----+

~/Forest/Hut [mission 5] $
```

```
kali@kali: ~
File Actions Edit View Help
[mission 3] $ cd Castle/Main_building/Throne_room
[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. |
+-----+

+-----+
| Use the command |
| $ gsh help      |
| to get the list of "gsh" commands. |
+-----+

~/Castle/Main_building/Throne_room [mission 4] $
```

```
kali@kali: ~  
File Actions Edit View Help  
/home/kali/gameshell/World/Castle/Main_tower  
[mission 2] $ cd..  
cd..: command not found  
[mission 2] $ cd ..  
[mission 2] $ ls  
Cellar Great_hall Main_building Main_tower Observatory  
[mission 2] $ cd cellar  
bash: cd: cellar: No such file or directory  
[mission 2] $ cd Cellar  
[mission 2] $ ls  
barrel_of_apples  
[mission 2] $ pwd  
/home/kali/gameshell/World/Castle/Cellar  
[mission 2] $ gsh check  
  
Congratulations, mission 2 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
[mission 3] $ █
```

```
kali@kali: ~  
File Actions Edit View Help  
[mission 1] $ cd Main_tower  
[mission 1] $ ls  
First_floor  
[mission 1] $ cd First_floor  
[mission 1] $ ls  
Second_floor  
[mission 1] $ cd Second_floor  
[mission 1] $ ls  
Top_of_the_tower  
[mission 1] $ cd Top_of_the_tower  
[mission 1] $ pwd  
/home/kali/gameshell/World/Castle/Main_tower/First_floor/Second_floor/Top_of_the_tower  
[mission 1] $ gsh check  
  
Congratulations, mission 1 has been successfully completed!  
  
| |  
--+-----+--  
| Use the command |  
| $ gsh help |  
| to get the list of "gsh" commands. |  
--+-----+--  
| |  
[mission 2] $ █
```