

A screenshot of a Kali Linux desktop environment. The terminal window shows the following command and output:

```
kali㉿kali:[~]
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:d1:f8:5d brd ff:ff:ff:ff:ff:ff
    inet 192.168.50.100/24 brd 192.168.50.255 scope global noprefixroute eth0
        valid_lft forever preferred_lft forever
    inet6 fe80::ebed:58cd:3cb7:cdea/64 scope link noprefixroute
        valid_lft forever preferred_lft forever

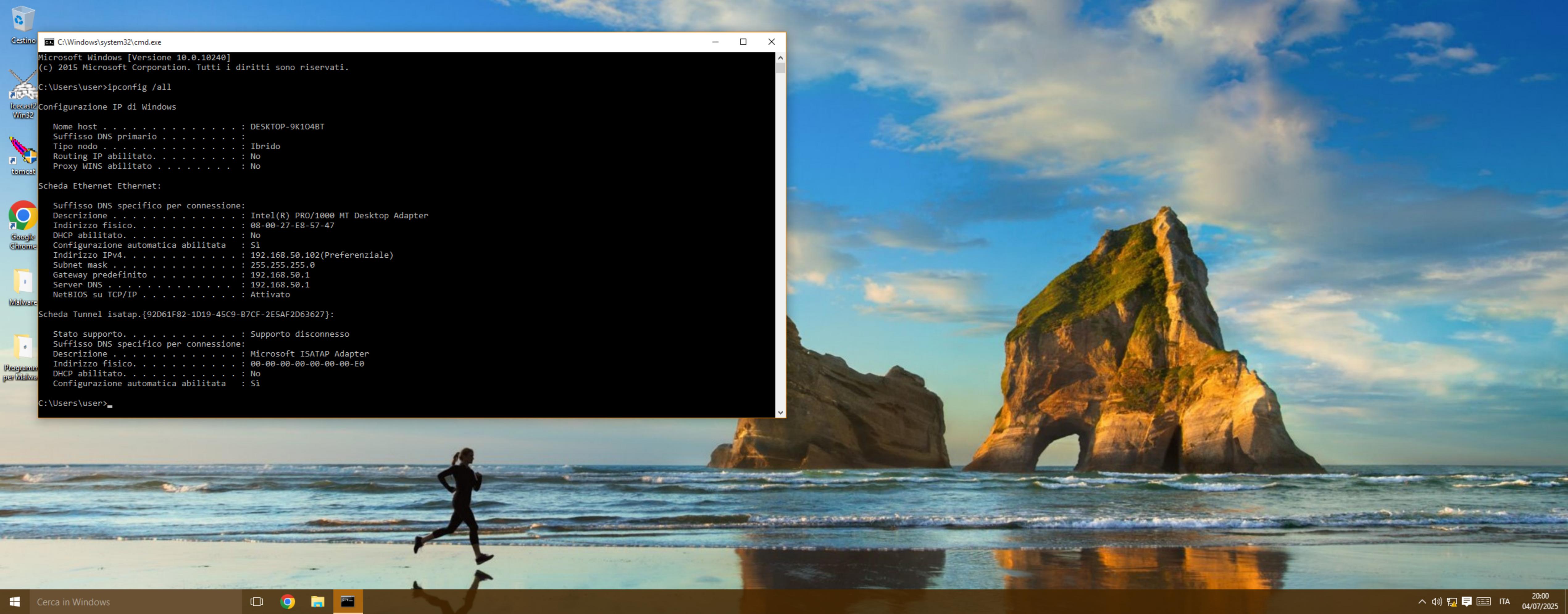
(kali㉿kali:[~]
$ ping -c 4 192.168.50.102
PING 192.168.50.102 (192.168.50.102) 56(84) bytes of data.
64 bytes from 192.168.50.102: icmp_seq=1 ttl=128 time=0.469 ms
64 bytes from 192.168.50.102: icmp_seq=2 ttl=128 time=0.425 ms
64 bytes from 192.168.50.102: icmp_seq=3 ttl=128 time=0.375 ms
64 bytes from 192.168.50.102: icmp_seq=4 ttl=128 time=0.410 ms
--- 192.168.50.102 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3072ms
rtt min/avg/max/mdev = 0.375/0.419/0.469/0.033 ms

(kali㉿kali:[~]
$
```

```
msfadmin@metasploitable:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        inet6 ::1/128 scope host
            valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 08:00:27:4b:5a:67 brd ff:ff:ff:ff:ff:ff
    inet 192.168.50.101/24 brd 192.168.50.255 scope global eth0
        inet6 fe80::a00:27ff:fe4b:5a67/64 scope link
            valid_lft forever preferred_lft forever
msfadmin@metasploitable:~$
```

```
msfadmin@metasploitable:~$ ping -c 4 192.168.50.100
PING 192.168.50.100 (192.168.50.100) 56(84) bytes of data.
64 bytes from 192.168.50.100: icmp_seq=1 ttl=64 time=4.95 ms
64 bytes from 192.168.50.100: icmp_seq=2 ttl=64 time=0.346 ms
64 bytes from 192.168.50.100: icmp_seq=3 ttl=64 time=0.346 ms
64 bytes from 192.168.50.100: icmp_seq=4 ttl=64 time=0.351 ms

--- 192.168.50.100 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3003ms
rtt min/avg/max/mdev = 0.346/1.499/4.953/1.994 ms
msfadmin@metasploitable:~$
```



A woman in a black athletic outfit is jogging on a sandy beach towards the left. In the background, there are two large, rugged rock formations rising from the ocean. The sky is blue with scattered white clouds.

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Versione 10.0.10240]
(c) 2015 Microsoft Corporation. Tutti i diritti sono riservati.

C:\Users\user>ipconfig /all

Configurazione IP di Windows

Nome host . . . . . : DESKTOP-9K104BT
Suffisso DNS primario . . . . . :
Tipo nodo . . . . . : Ibrido
Routing IP abilitato. . . . . : No
Proxy WINS abilitato . . . . . : No

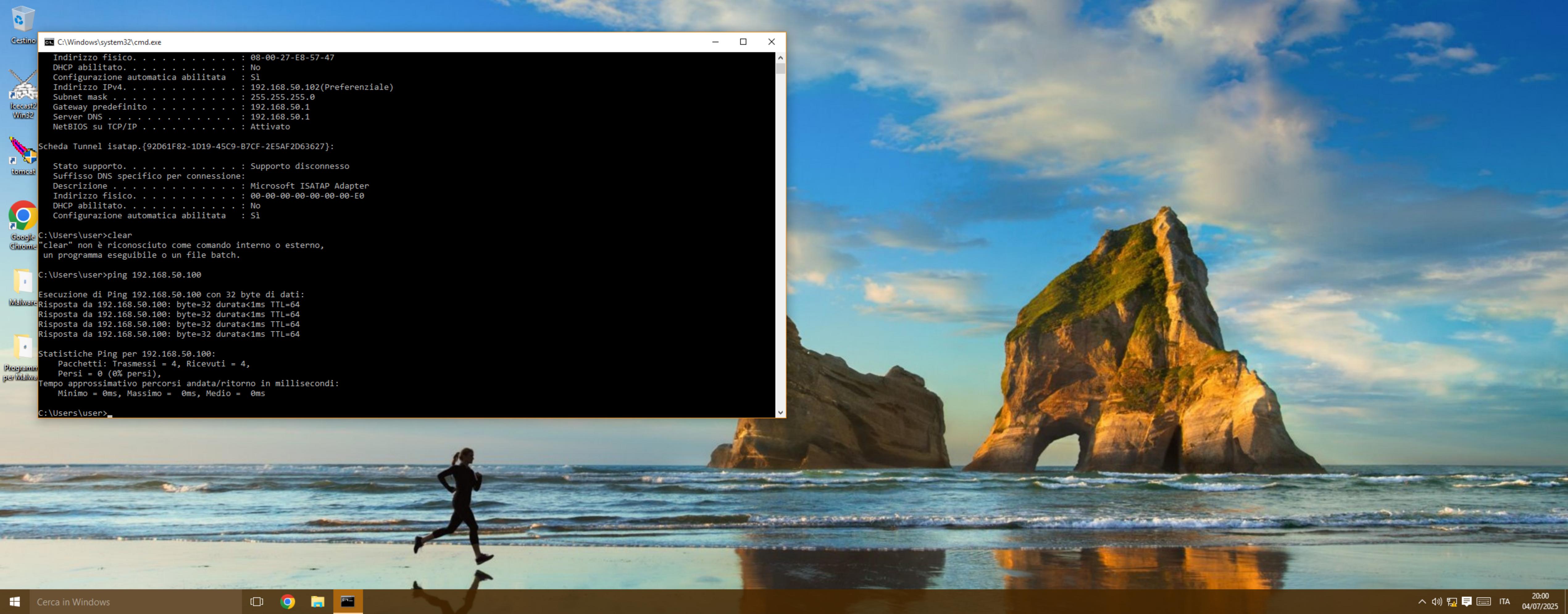
Scheda Ethernet Ethernet:

Suffisso DNS specifico per connessione:
Descrizione . . . . . : Intel(R) PRO/1000 MT Desktop Adapter
Indirizzo fisico. . . . . : 08-00-27-E8-57-47
DHCP abilitato. . . . . : No
Configurazione automatica abilitata : Si
Indirizzo IPv4. . . . . : 192.168.50.102(Preferenziale)
Subnet mask . . . . . : 255.255.255.0
Gateway predefinito . . . . . : 192.168.50.1
Server DNS . . . . . : 192.168.50.1
NetBIOS su TCP/IP . . . . . : Attivato

Scheda Tunnel isatap.{92D61F82-1D19-45C9-B7CF-2E5AF2D63627}:

Stato supporto. . . . . : Supporto disconnesso
Suffisso DNS specifico per connessione:
Descrizione . . . . . : Microsoft ISATAP Adapter
Indirizzo fisico. . . . . : 00-00-00-00-00-00-E0
DHCP abilitato. . . . . : No
Configurazione automatica abilitata : Si

C:\Users\user>
```



A woman in a black athletic outfit is jogging on a sandy beach towards the left. In the background, there are two large, rugged rock formations rising from the ocean. The sky is blue with scattered white clouds.

```
C:\Windows\system32\cmd.exe
C:\Windows\system32\cmd.exe
Indirizzo fisico . . . . . : 08-00-27-E8-57-47
DHCP abilitato . . . . . : No
Configurazione automatica abilitata : Sì
Indirizzo IPv4 . . . . . : 192.168.50.102(Preferenziale)
Subnet mask . . . . . : 255.255.255.0
Gateway predefinito . . . . . : 192.168.50.1
Server DNS . . . . . : 192.168.50.1
NetBIOS su TCP/IP . . . . . : Attivato

Scheda Tunnel isatap.{92D61F82-1D19-45C9-B7CF-2E5AF2D63627}:

    Stato supporto . . . . . : Supporto disconnesso
    Suffisso DNS specifico per connessione:
    Descrizione . . . . . : Microsoft ISATAP Adapter
    Indirizzo fisico . . . . . : 00-00-00-00-00-00-E0
    DHCP abilitato . . . . . : No
    Configurazione automatica abilitata : Sì

C:\Users\user>clear
"clear" non è riconosciuto come comando interno o esterno,
un programma eseguibile o un file batch.

C:\Users\user>ping 192.168.50.100

Esecuzione di Ping 192.168.50.100 con 32 byte di dati:
Risposta da 192.168.50.100: byte=32 durata<1ms TTL=64

Statistiche Ping per 192.168.50.100:
  Pacchetti: Trasmessi = 4, Ricevuti = 4,
  Persi = 0 (0% persi),
  Tempo approssimativo percorsi andata/ritorno in millisecondi:
    Minimo = 0ms, Massimo = 0ms, Medio = 0ms

C:\Users\user>
```