

MAC Address before spoofing...

```
Command Prompt

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . : 
Description . . . . . : Intel(R) Wi-Fi 6 AX201 160MHz
Physical Address. . . . . : 
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : (Preferred)
IPv4 Address. . . . . : (Preferred)
Subnet Mask . . . . . : 
Lease Obtained. . . . . : 
Lease Expires . . . . . : 
Default Gateway . . . . . : 
DHCP Server . . . . . : 
DHCPv6 IAID . . . . . : 
DHCPv6 Client DUID. . . . . : 
DNS Servers . . . . . : 
NetBIOS over Tcpip. . . . . : Enabled

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 
Description . . . . . : Bluetooth Device (Personal Area Network)
Physical Address. . . . . : 
DHCP Enabled. . . . . : Yes
Autoconfiguration Enabled . . . . : Yes

C:\Users\shiha>
```

Changing MAC Address using a software (My laptop doesn't have the option to change the MAC Address) ...

Technitium MAC Address Changer v6 - by Shreyas Zare

File

Action

Options

Help

Network Connections	Changed	MAC Address	Link Status	Speed
<input checked="" type="checkbox"/> Local Area Connection* 3	No		Up, Non Operational	0 bps
<input checked="" type="checkbox"/> Local Area Connection* 4	No		Down, Non Operational	0 bps
<input checked="" type="checkbox"/> Wi-Fi	No		Up, Non Operational	0 bps
<input checked="" type="checkbox"/> Bluetooth Network Connection	No		Up, Non Operational	3 mbps

Information

IP Address

Presets

Connection Details

Connection

Wi-Fi

Device

Intel(R) Wi-Fi 6 AX201 160MHz

Hardware ID

Config ID

TCP/IPv4:

Enabled

TCP/IPv6:

Enabled

Original MAC Address

Unknown Vendor

Active MAC Address

(Original)

Unknown Vendor

Change MAC Address

Random MAC Address

[4C-48-DA] Beijing Autelan Technology Co.,Ltd (Address: )

☒ Automatically restart network connection to apply changes

☒ Make new MAC address persistent

☒ Use '02' as first octet of MAC address [why?](#)

Change Now !

Restore Original

Received

706.69 KB (723651 bytes)

--Speed

10.71 KB/s (10965 bytes)

Sent

1.14 MB (1193424 bytes)

--Speed

75.72 KB/s (77537 bytes)

MAC Address changed...

```
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DHCPv6 IAID . . . . . : 
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Physical Address. . . . . : 
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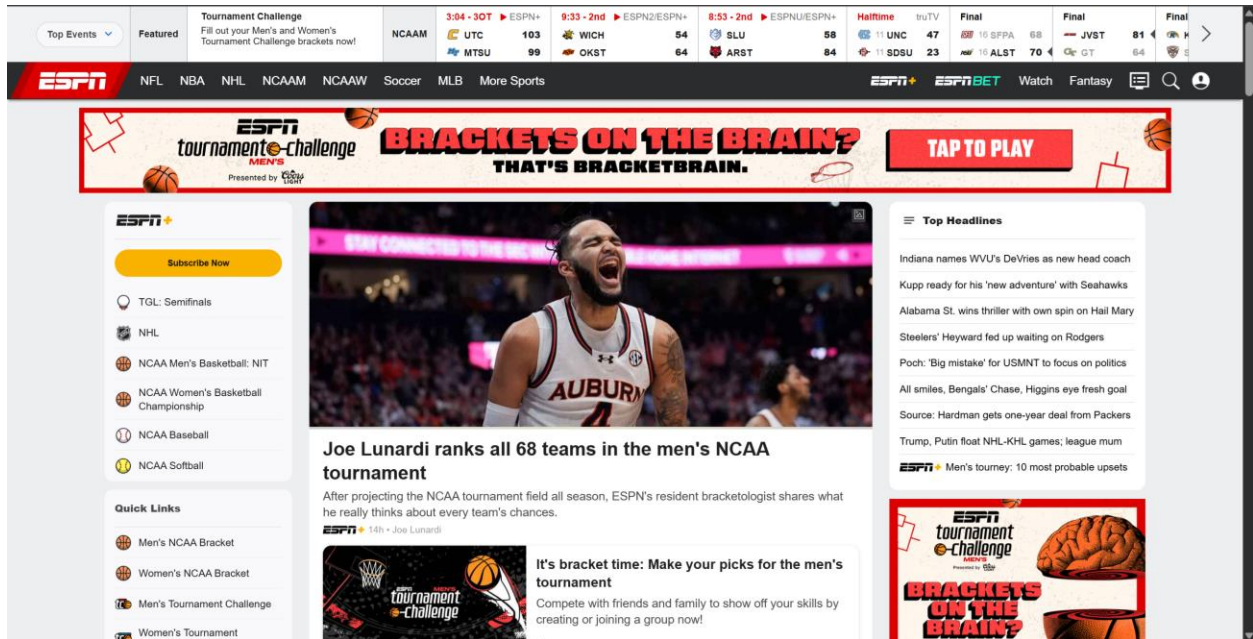
C:\Users\shiha>
```

Start poisoning...

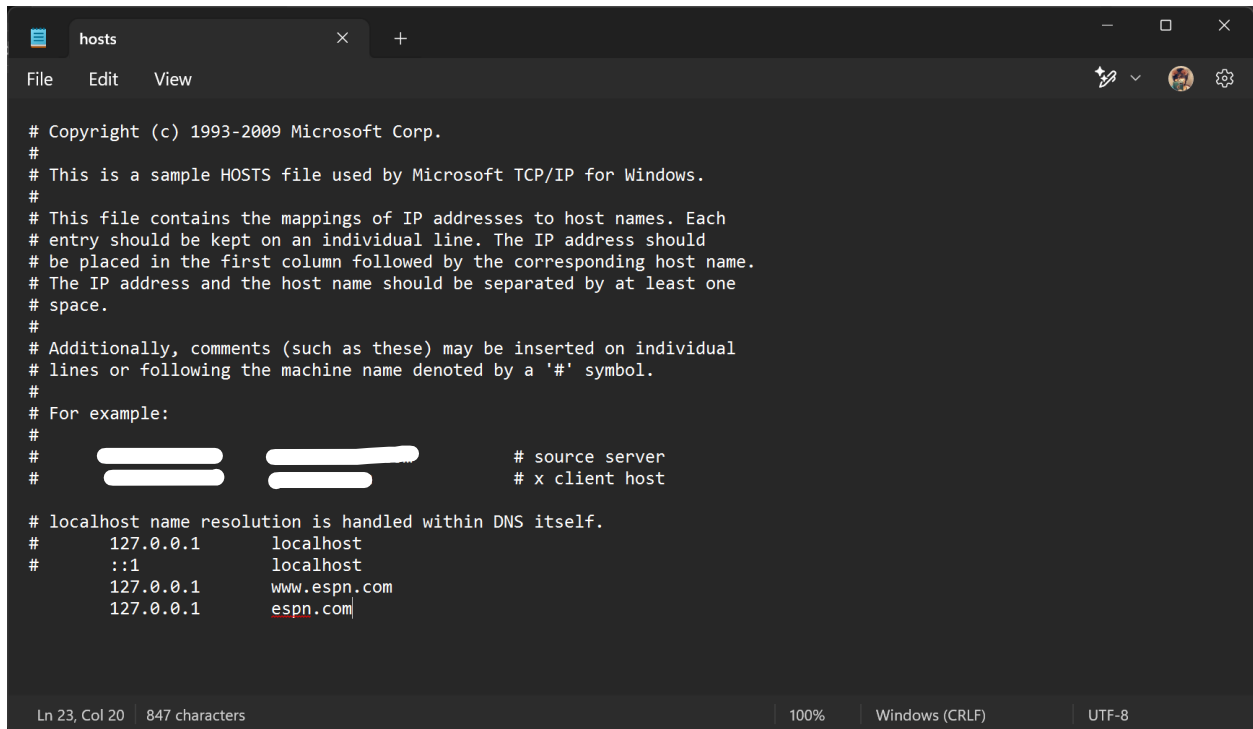
```
hosts

# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#      172.16.1.1      # source server
#      172.16.1.2      # x client host
#
# localhost name resolution is handled within DNS itself.
#      127.0.0.1      localhost
#      ::1            localhost
#      192.168.1.1    NPI7FE1D
```

Regular ESPN Website



Poisoning ESPN website



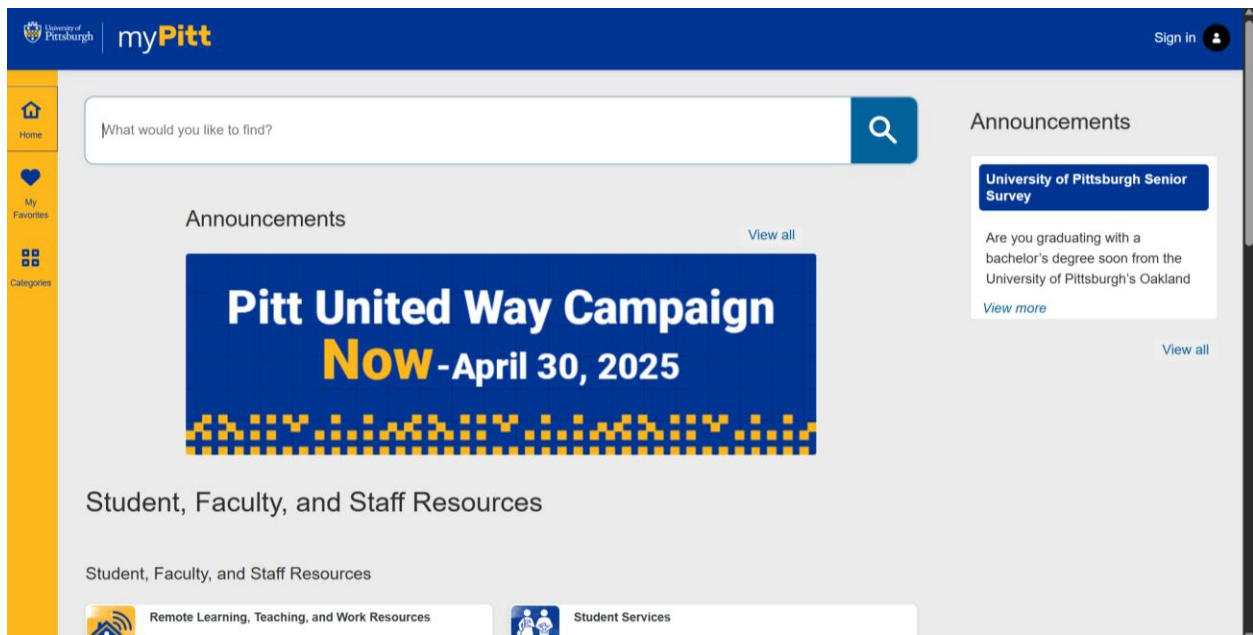
ESPN Website poisoned...



```
hosts

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#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
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# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#      # source server
#      # x client host
#
# localhost name resolution is handled within DNS itself.
#
# 127.0.0.1      localhost
# ::1            localhost
# 127.0.0.1      www.espn.com
# 127.0.0.1      espn.com
# 8.8.8.8         my.pitt.edu
```

Regular MyPitt Website...



After poisoning MyPitt...



## Your connection is not private

Attackers might be trying to steal your information from **my.pitt.edu** (for example, passwords, messages, or credit cards). [Learn more about this warning](#)

NET::ERR\_CERT\_COMMON\_NAME\_INVALID



[Turn on enhanced protection](#) to get Chrome's highest level of security

Advanced

Reload