

INTRODUCCION A LAS REDES (CCNA1)

Comando netsh en el CMD de Windows

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Comando netsh

- Se utiliza para entrar al modo de administracion de redes

```
C:\Users\Participante>netsh  
netsh>_
```

Comando netsh wlan

Se utiliza para entrar al modo de red inalámbrica en el prompt netsh

```
C:\Users\Participante>netsh  
netsh>wlan  
netsh wlan>
```

Comando netsh wlan show profiles

Se utiliza para listar todos los perfiles de red inalámbricos registrados en este equipo

```
netsh wlan>show profiles

Profiles on interface Wi-Fi:

Group policy profiles (read only)
-----
    <None>

User profiles
-----
    All User Profile      : CYBERCLASS_LAB2
    All User Profile      : CYBERCLASS_LAB1

netsh wlan>
```

Comando netsh wlan show profile name=[nombre-wifi]

Se utiliza para ver la informacion detalladas del perfil de red seleccionado.

```
netsh wlan>show profile name=CYBERCLASS_LAB2

Profile CYBERCLASS_LAB2 on interface Wi-Fi:
-----
Applied: All User Profile

Profile information
-----
Version           : 1
Type              : Wireless LAN
Name              : CYBERCLASS_LAB2
Control options   :
  Connection mode  : Connect manually
  Network broadcast : Connect only if this network is broadcasting
  AutoSwitch       : Do not switch to other networks
  MAC Randomization : Disabled

Connectivity settings
-----
Number of SSIDs    : 1
SSID name          : "CYBERCLASS_LAB2"
Network type       : Infrastructure
Radio type         : [ Any Radio Type ]
Vendor extension    : Not present

Security settings
-----
Authentication     : WPA2-Personal
```

```
Security settings
-----
Authentication     : WPA2-Personal
Cipher              : CCMP
Authentication     : WPA2-Personal
Cipher              : GCMP
Security key        : Present

Cost settings
-----
Cost                : Unrestricted
Congested           : No
Approaching Data Limit : No
Over Data Limit     : No
Roaming             : No
Cost Source         : Default

netsh wlan>
```

Comando netsh wlan show profile name=[nombre-wifi] key=clear

Se utiliza para ver la informacion detalladas del perfil de red seleccionado, incluyendo la contrasena si y sol si esta esta guardada.

```
netsh wlan>show profile name=CYBERCLASS_LAB2 key=clear

Profile CYBERCLASS_LAB2 on interface Wi-Fi:
=====

Applied: All User Profile

Profile information
-----
Version           : 1
Type              : Wireless LAN
Name              : CYBERCLASS_LAB2
Control options   :
    Connection mode : Connect manually
    Network broadcast : Connect only if this network is broadcasting
    AutoSwitch       : Do not switch to other networks
    MAC Randomization : Disabled

Connectivity settings
-----
Number of SSIDs    : 1
SSID name          : "CYBERCLASS_LAB2"
Network type       : Infrastructure
Radio type         : [ Any Radio Type ]
Vendor extension    : Not present
```

```
Connectivity settings
-----
Number of SSIDs    : 1
SSID name          : "CYBERCLASS_LAB2"
Network type       : Infrastructure
Radio type         : [ Any Radio Type ]
Vendor extension    : Not present

Security settings
-----
Authentication     : WPA2-Personal
Cipher              : CCMP
Authentication     : WPA2-Personal
Cipher              : GCMP
Security key        : Present
Key Content         : ██████████

Cost settings
-----
Cost                : Unrestricted
Congested           : No
Approaching Data Limit : No
Over Data Limit     : No
Roaming             : No
Cost Source         : Default

netsh wlan>
```