

You need a VPN connection between a roadwarrior and a router. Behind the router there are resources (computers, printers, other servers) that you need access to. Also, there is a Active Directory Domain Controller and a RADIUS server.

Definitions:

Router hostname: ap.camscape.ro (replace with your given hostname)

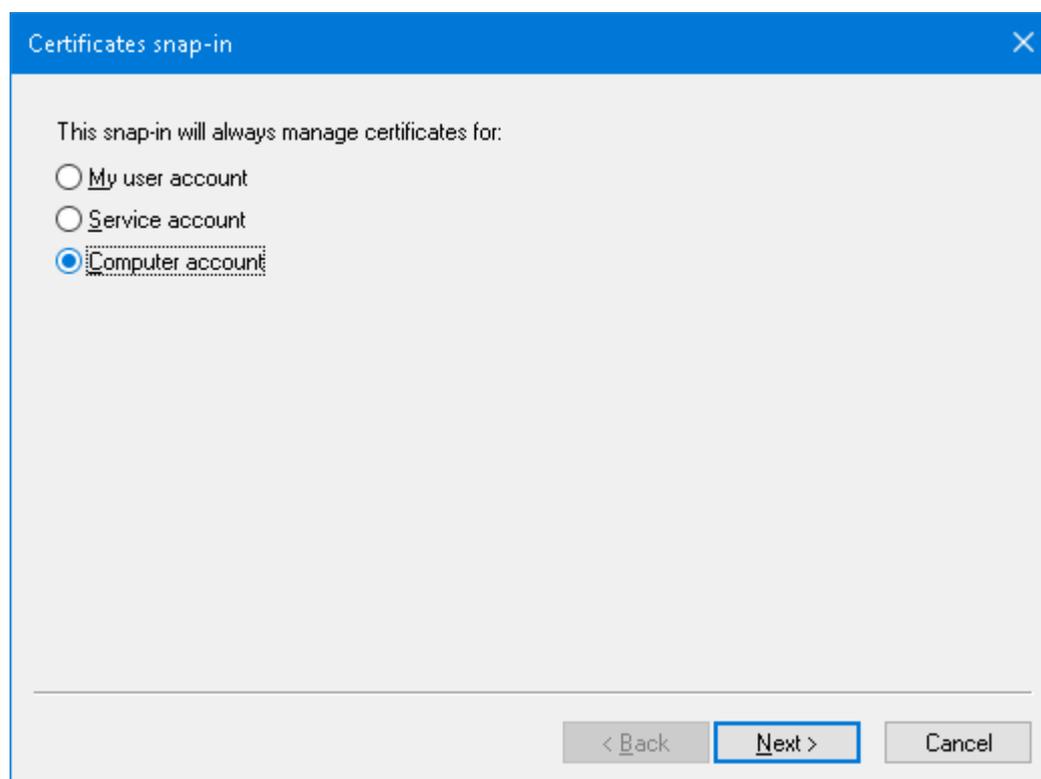
Domain: CAMSCAPE (replace with your given domain)

1. Add certificates

1.1. Add CA

Don't double click on the CA certificate, it will install it into User's store.

Run mmc (Microsoft Management Console) , go to File → Add/Remove Snap-in . Choose Certificates and choose Computer Account:



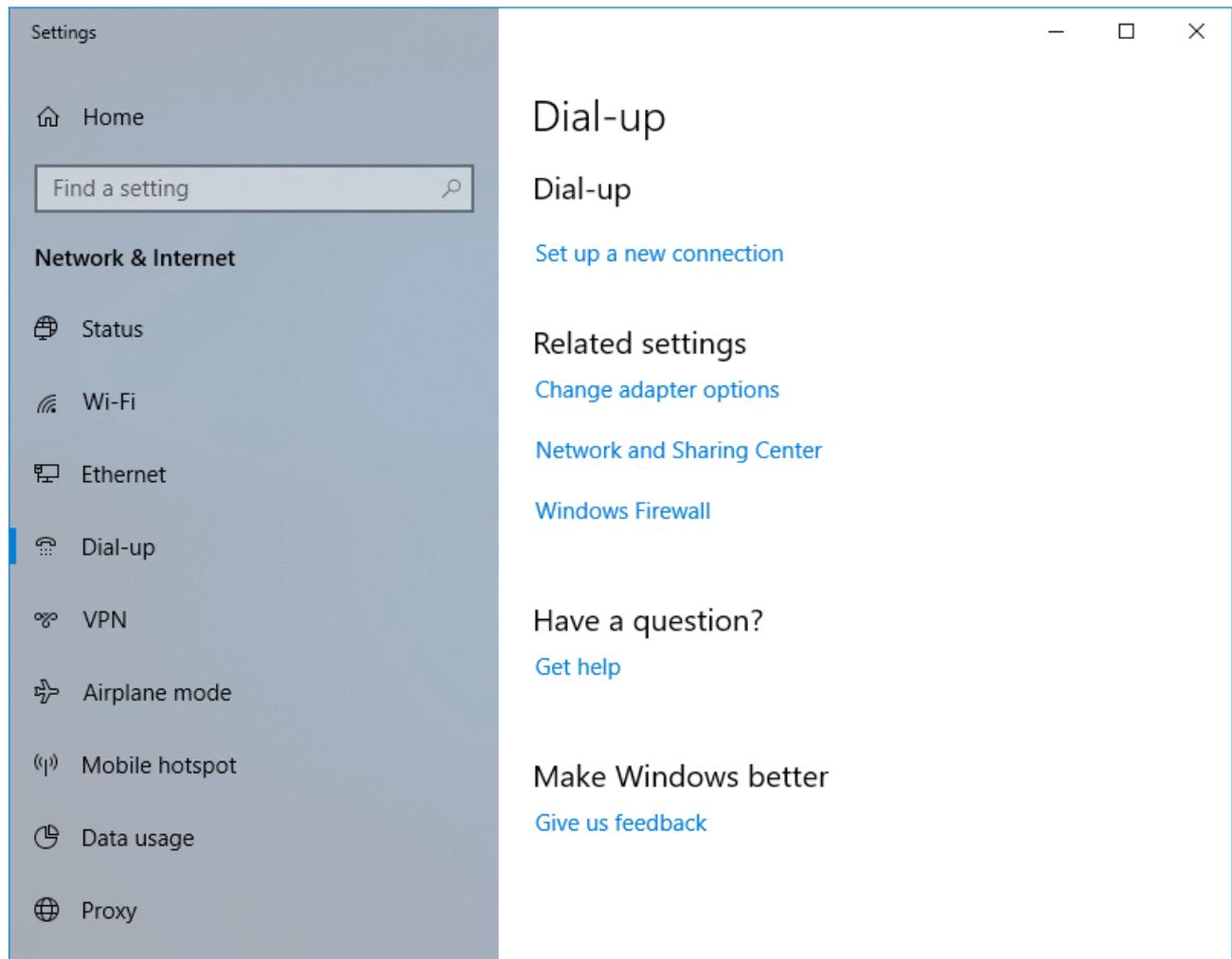
Go to Certificates → Trusted Root Certification Authorities → Certificates , right-click and choose Import.

Go and select the CA.der (or CA.cer, or whatever name) and install it.

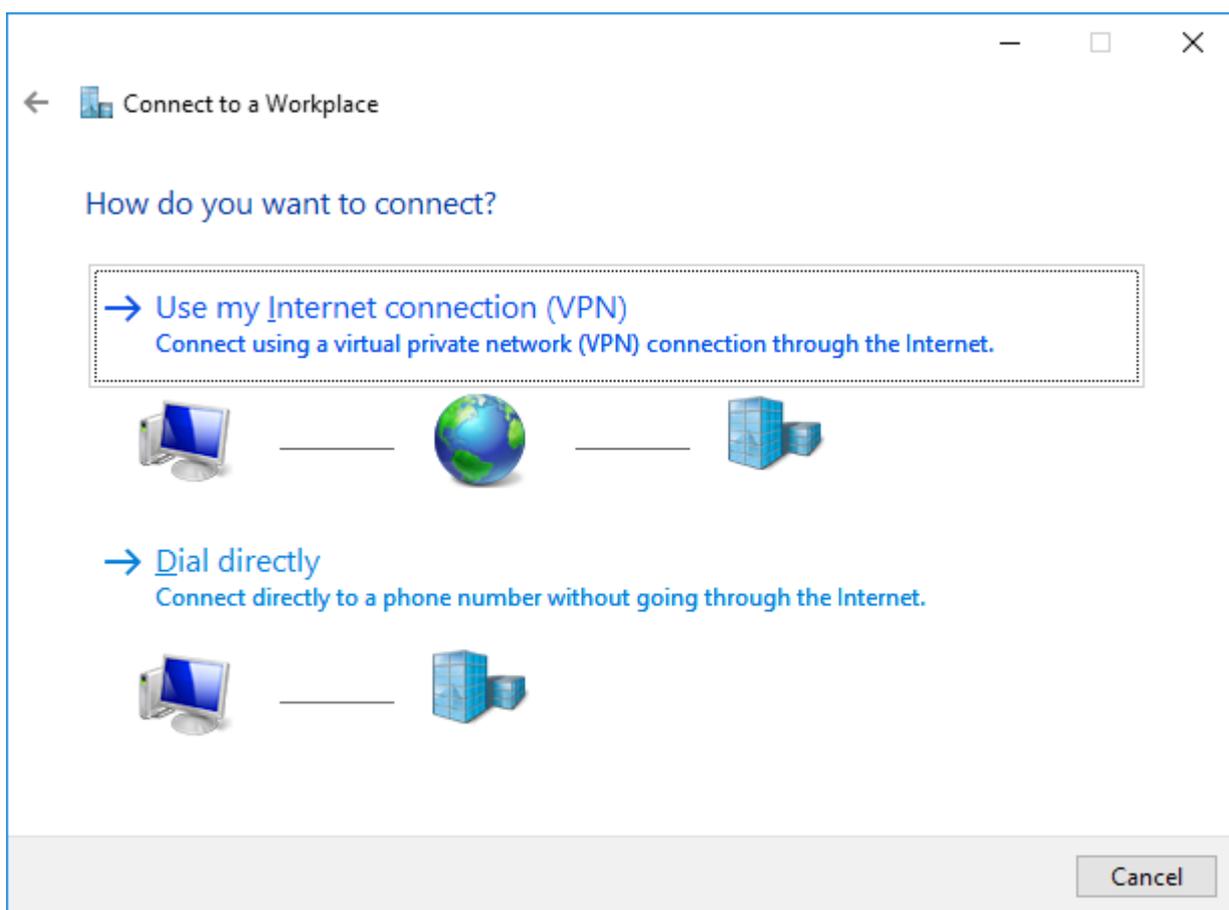
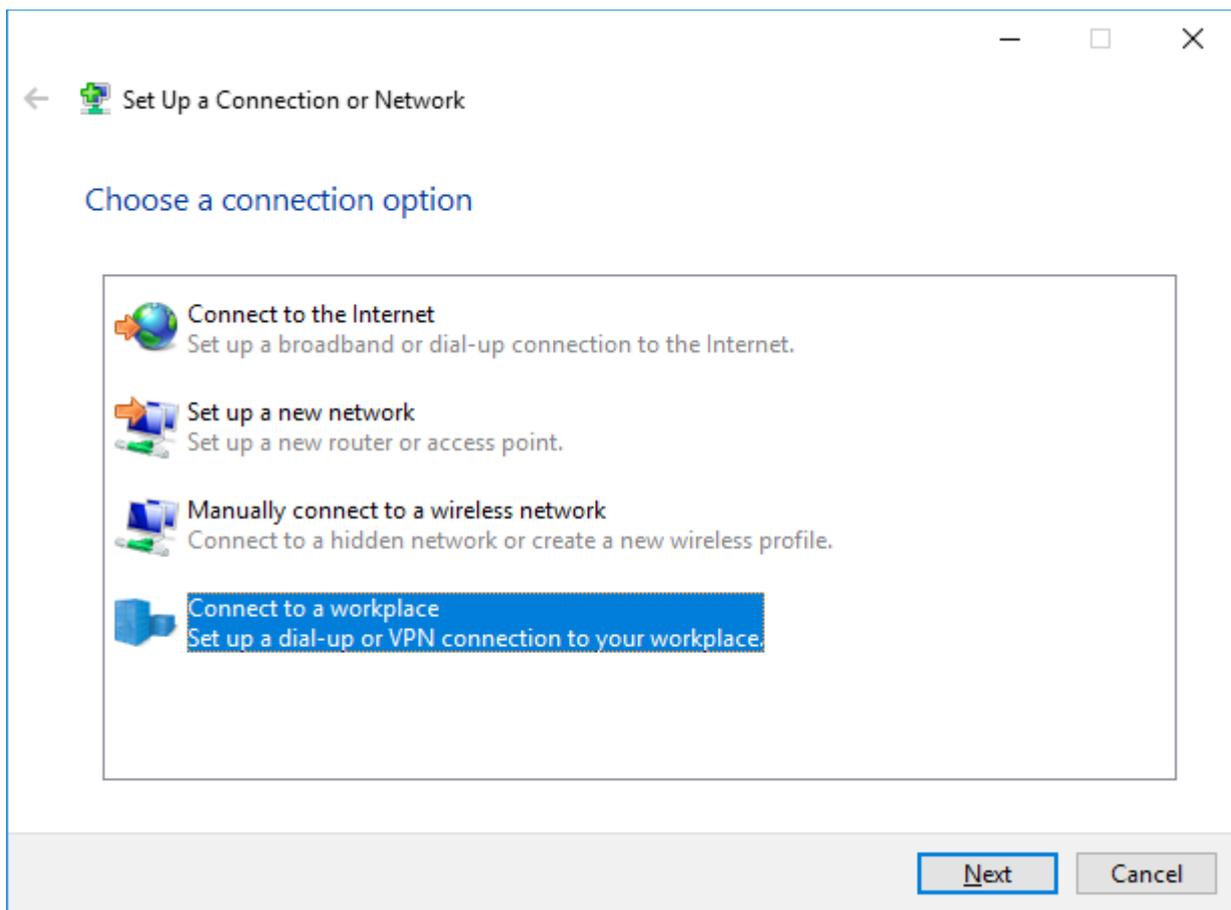
Close console.

2. Create VPN:

Search for Dial-up and click on Set up a new connection



Choose Connect to a workplace



Enter connection parameters and check Allow other people to use this connection

← Connect to a Workplace

Type the Internet address to connect to

Your network administrator can give you this address.

Internet address:

Destination name:

Use a smart card

Remember my credentials

Allow other people to use this connection
This option allows anyone with access to this computer to use this connection.

Go to Change Adapter options (Control Panel – Network connections) and click properties on the connection created. Setup as below in Security tab

CAMSCAPEVPN Properties

General Options Security Networking Sharing

Type of VPN:
IKEv2

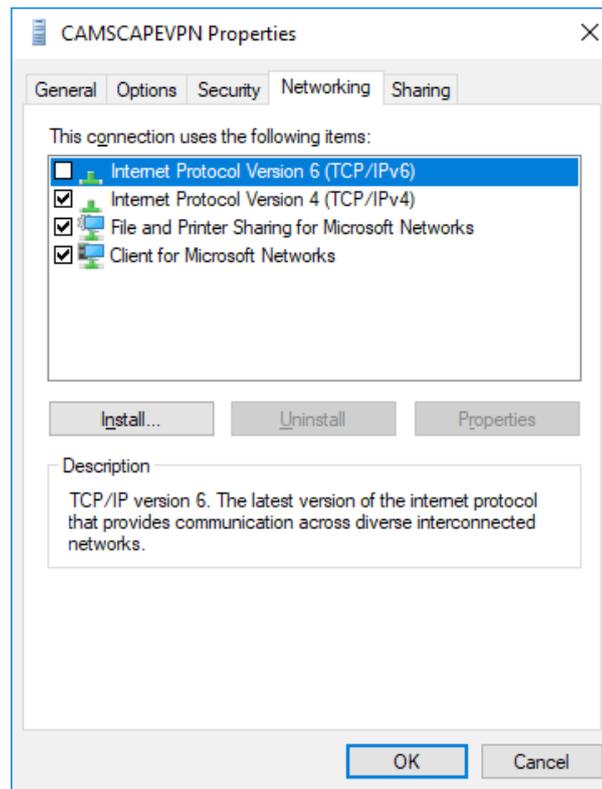
Data encryption:
Require encryption (disconnect if server declines)

Authentication

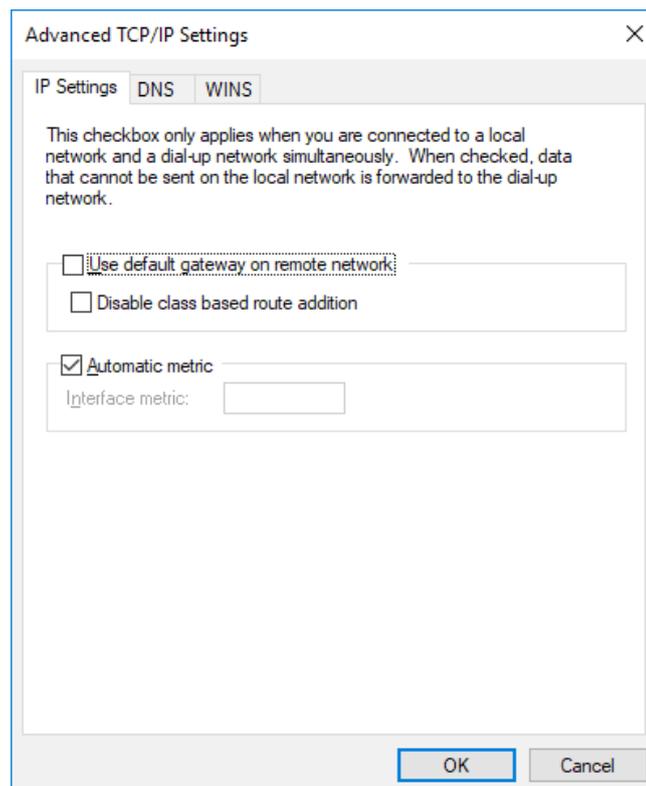
Use Extensible Authentication Protocol (EAP)
Microsoft: Secured password (EAP-MSCHAP v2) (encrypt)

Use machine certificates

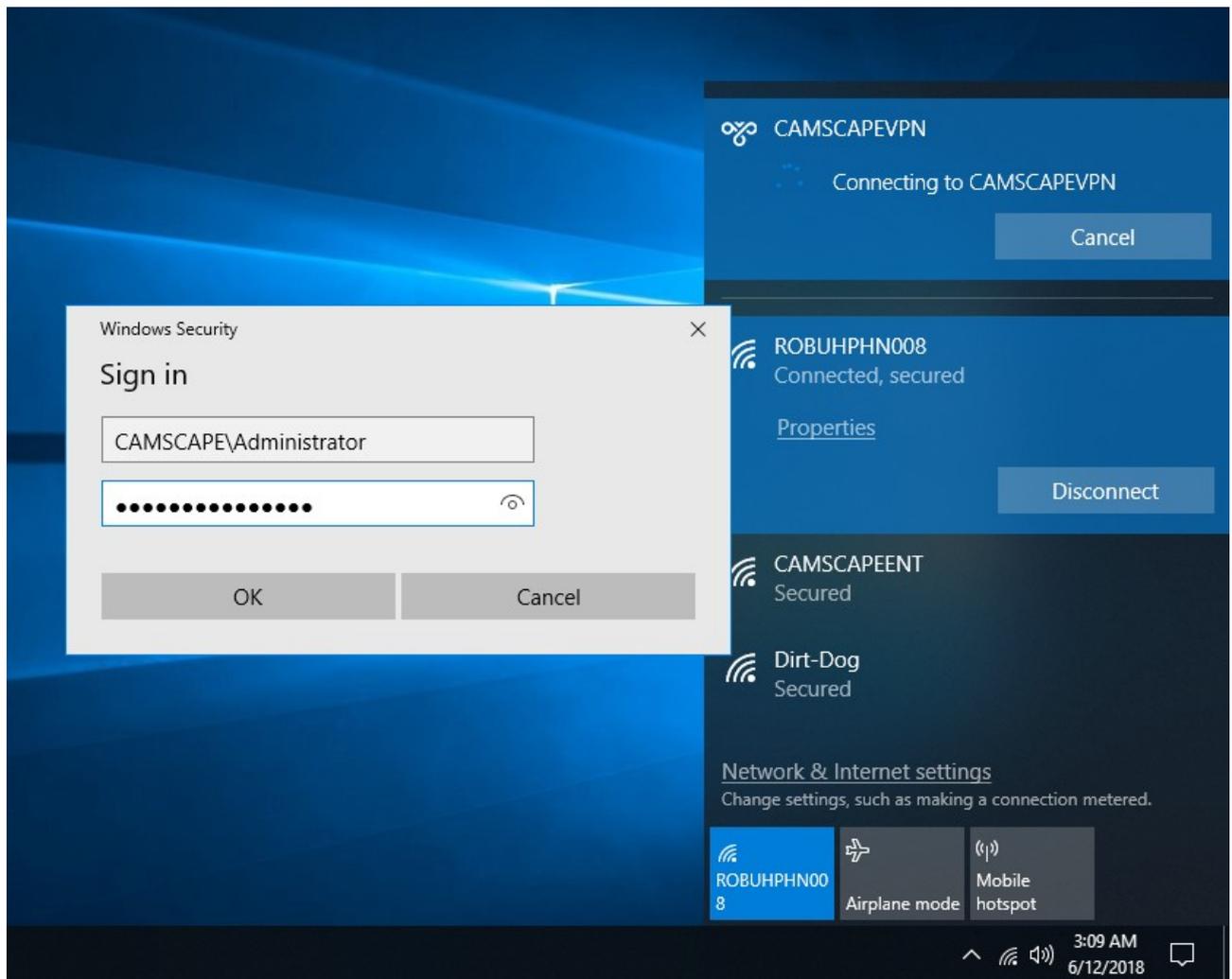
Go to Networking tab and setup (uncheck IPv6):



Click on Ipv4 and access Properties. Then click Advanced. Uncheck Use default gateway on remote network:



Now, start the connection:

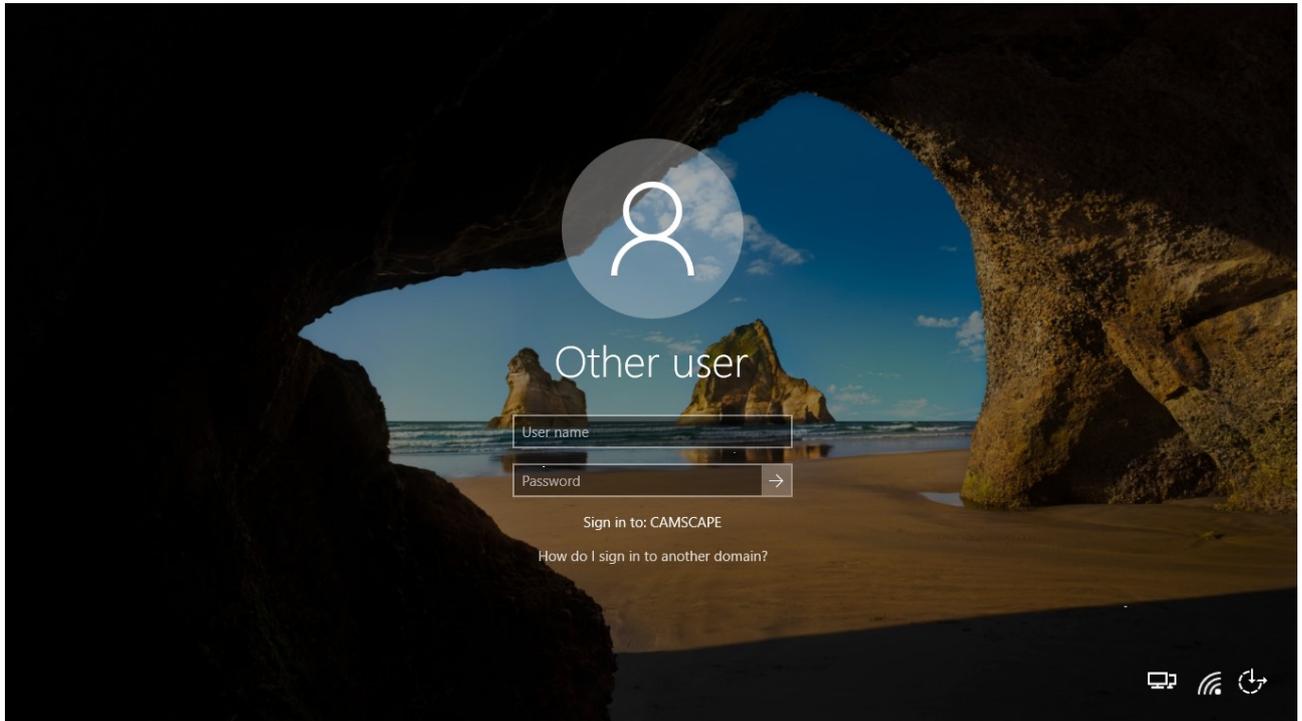


Login as Administrator.

You can now join the computer to the DC, change computer name, add user as usual.

3. Normal usage

On login screen (after restart) click on lower right the VPN connection after connected to a network (WiFi, Cable, 3G, a.s.o.):



Enter your user and password as defined in AD DC:

