

Remotely Access to Database

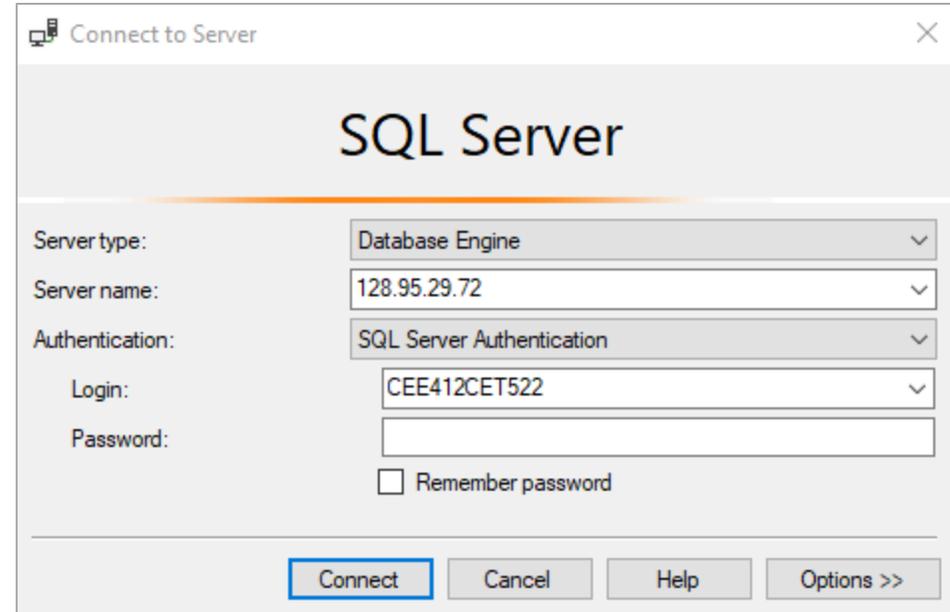
CEE412 / CET522

Transportation Data Management and Visualization

Winter 2020

Database Info

- ❑ IP address: 128.95.29.72
- ❑ Login:
 - Account for all students: CEE412CET522
 - Password: 2020Winter
- ❑ Each student will have an account.



The screenshot shows a 'Connect to Server' dialog box for SQL Server. The title bar reads 'Connect to Server' with a close button. The main heading is 'SQL Server'. The dialog contains the following fields and options:

- Server type: Database Engine (dropdown menu)
- Server name: 128.95.29.72 (text field)
- Authentication: SQL Server Authentication (dropdown menu)
- Login: CEE412CET522 (text field)
- Password: (empty text field)
- Remember password

At the bottom, there are four buttons: 'Connect' (highlighted with a blue border), 'Cancel', 'Help', and 'Options >>'.

Remote Login

- ❑ Computers in More Hall with wired (Ethernet) network have IP addresses starting from the five following subnet address domains:
 - 172.25.204.___ (More Hall IP Address)
 - 172.25.220.___ (More Hall IP Address)
 - 128.95.204.___ (More Hall IP Address)
 - 128.95.220.___ (More Hall IP Address)
 - 10.102.___.___ (**UW VPN** IP Address)

- ❑ The IP addresses of computers that access to the database of this class is confined.

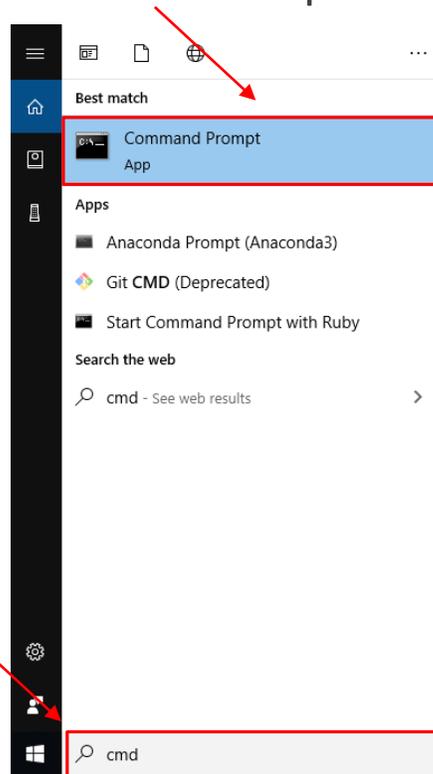
- ❑ If your IP address does not start with the above numbers, you need to use UW Husky OnNet VPN (<https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/>), which is a free individual VPN for UW students, faculty, and staff.

- ❖ Please be aware of that using VPN will slow down your network speed to some extent.

Remote Login(Optional)

□ If you want to Check you own IP Address:

□ 1. Run “Command Prompt” on your computer.



You can search the software from here

2. Type “ipconfig” and Enter. Your IP address will show as below:

```
Microsoft Windows [Version 10.0.17134.1246]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Zhiyong>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

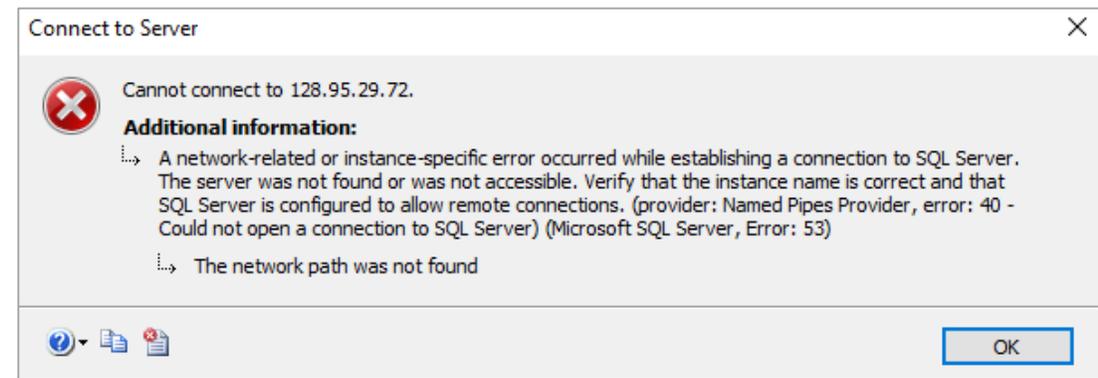
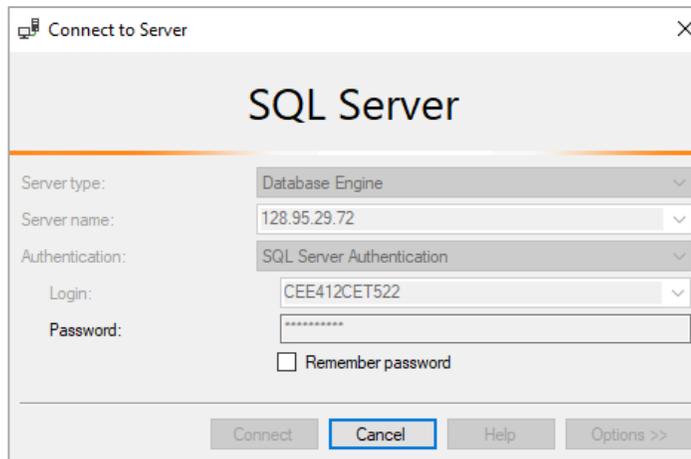
    Connection-specific DNS Suffix . : ce.washington.edu
    Link-local IPv6 Address . . . . . : fe80::84ea:810f:9c3:b35%16
    IPv4 Address. . . . . : 128.95.204.
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 128.95.204.100
```

Remote Login

If You are **Out of More Hall** or **Using Wi-Fi**, Check you IP Address

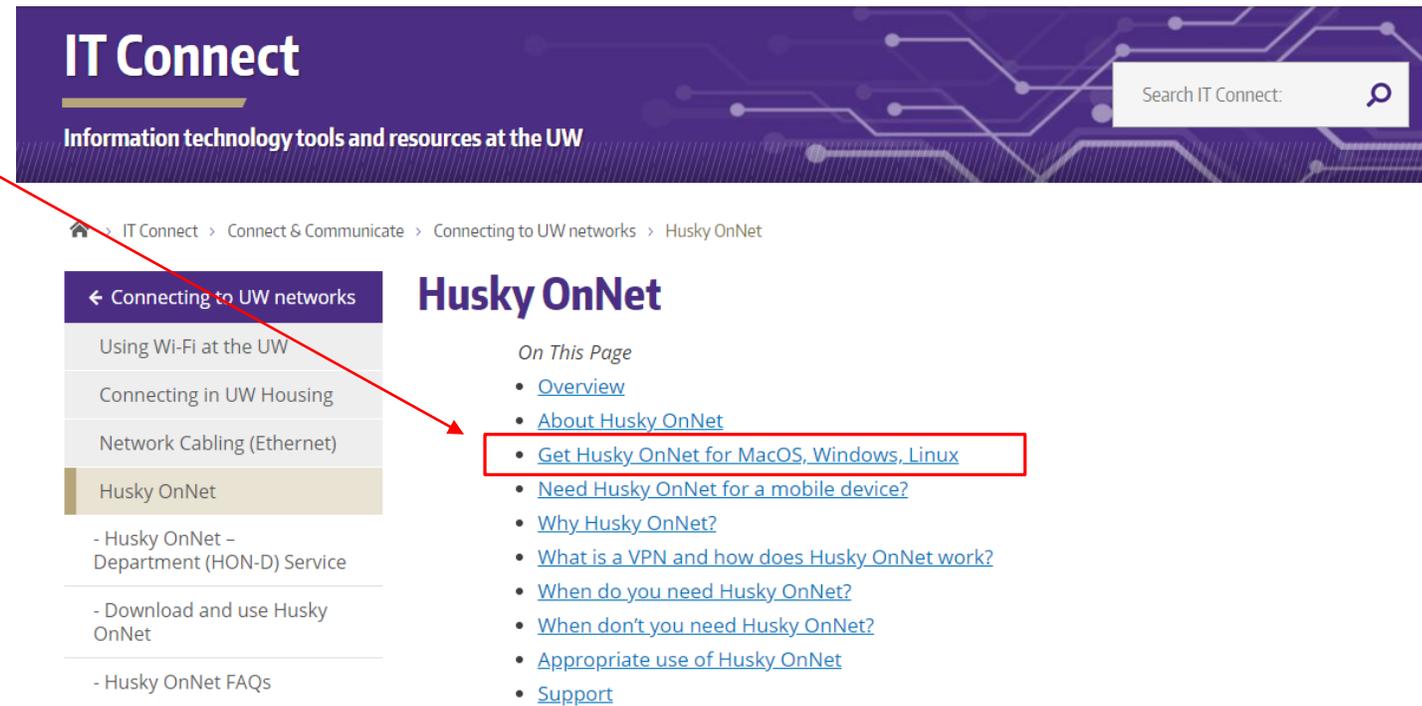
```
Wireless LAN adapter Wi-Fi:  
  
Connection-specific DNS Suffix . : dhcp4.washington.edu  
Link-local IPv6 Address . . . . . : fe80::c9ad:c1bb:b9da:1b70%25  
IPv4 Address. . . . . : 10.19.2.█  
Subnet Mask . . . . . : 255.254.0.0  
Default Gateway . . . . . : 10.18.0.1
```

Then, you will not be able to access the database.



Husky OnNet

- ❑ Solution: Coming to More Hall Computer Lab (**recommended**) or using Husky OnNet
- ❑ Download Husky OnNet (<https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/>)
 - Click the link



IT Connect
Information technology tools and resources at the UW

Search IT Connect:

Home > IT Connect > Connect & Communicate > Connecting to UW networks > Husky OnNet

← Connecting to UW networks

- Using Wi-Fi at the UW
- Connecting in UW Housing
- Network Cabling (Ethernet)
- Husky OnNet**
 - Husky OnNet – Department (HON-D) Service
 - Download and use Husky OnNet
 - Husky OnNet FAQs

Husky OnNet

On This Page

- [Overview](#)
- [About Husky OnNet](#)
- [Get Husky OnNet for MacOS, Windows, Linux](#)
- [Need Husky OnNet for a mobile device?](#)
- [Why Husky OnNet?](#)
- [What is a VPN and how does Husky OnNet work?](#)
- [When do you need Husky OnNet?](#)
- [When don't you need Husky OnNet?](#)
- [Appropriate use of Husky OnNet](#)
- [Support](#)

Husky OnNet

☐ To page (<https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/>)

☐ Download Husky OnNet

- Click the link

Get Husky OnNet for MacOS, Windows, Linux

- Husky OnNet is available free for UW students, faculty and staff to [download from UWare](#).
- Each UW-issued or personally owned computer will need a VPN to access restricted resources on the UW network.
- Learn more about [downloading and using Husky OnNet](#).

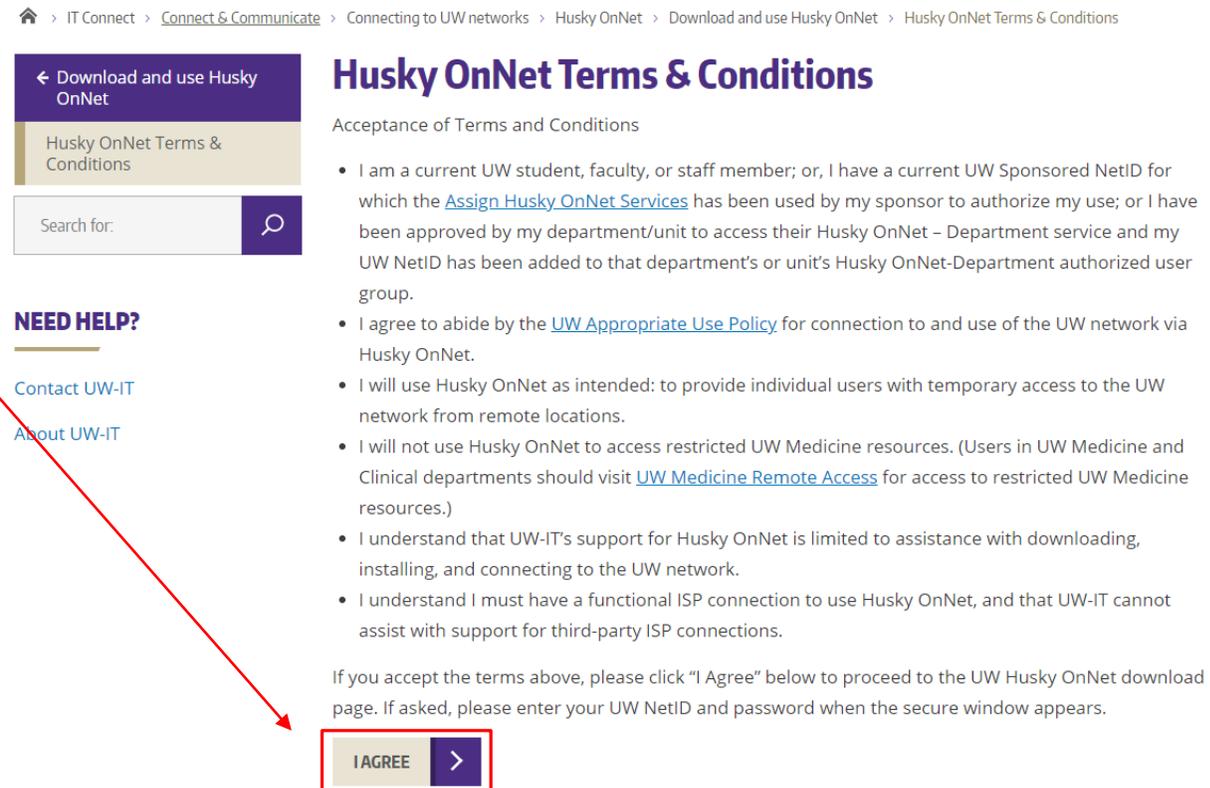
Requirements

- Internet connection
- Appropriately configured computer running current operating systems for MacOS, Windows, or Linux
- Up-to-date Husky OnNet app [downloaded from UWare](#)

Husky OnNet

To page: <https://itconnect.uw.edu/connect/uw-networks/about-husky-onnet/use-husky-onnet/terms-conditions/>

- Click “I AGREE”



Home > IT Connect > Connect & Communicate > Connecting to UW networks > Husky OnNet > Download and use Husky OnNet > Husky OnNet Terms & Conditions

[← Download and use Husky OnNet](#)

Husky OnNet Terms & Conditions

Search for:

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[About UW-IT](#)

Husky OnNet Terms & Conditions

Acceptance of Terms and Conditions

- I am a current UW student, faculty, or staff member; or, I have a current UW Sponsored NetID for which the [Assign Husky OnNet Services](#) has been used by my sponsor to authorize my use; or I have been approved by my department/unit to access their Husky OnNet – Department service and my UW NetID has been added to that department's or unit's Husky OnNet-Department authorized user group.
- I agree to abide by the [UW Appropriate Use Policy](#) for connection to and use of the UW network via Husky OnNet.
- I will use Husky OnNet as intended: to provide individual users with temporary access to the UW network from remote locations.
- I will not use Husky OnNet to access restricted UW Medicine resources. (Users in UW Medicine and Clinical departments should visit [UW Medicine Remote Access](#) for access to restricted UW Medicine resources.)
- I understand that UW-IT's support for Husky OnNet is limited to assistance with downloading, installing, and connecting to the UW network.
- I understand I must have a functional ISP connection to use Husky OnNet, and that UW-IT cannot assist with support for third-party ISP connections.

If you accept the terms above, please click “I Agree” below to proceed to the UW Husky OnNet download page. If asked, please enter your UW NetID and password when the secure window appears.

[I AGREE](#) 

Husky OnNet

☐ To page: <https://softy.cac.washington.edu/HuskyOnNet/>

HuskyOnNet Client Software

The client apps provided below are versions of the F5 BIG-IP Edge clients customized for UW. UW-IT provides installation and connection support for the MacOS and WIN clients. UW-IT provides download support for the Linux clients and some limited installation guidance in the Husky OnNet FAQ located in the IT Connect pages of uw.edu.

Linux, however, is offered on a self-supported basis.

Users are welcome to use other F5 BIG-IP Edge clients, e.g. iOS and Android, also on a self-supported basis. See appropriate third party app stores for additional client apps. For more information about configuring apps and connecting with Husky OnNet, see [“About Husky OnNet”](#) in the IT Connect pages of uw.edu.

Get HuskyOnNet Software	Posted on Date	Size
Download Windows Client	08/05/2019	14.751MB
Download Macintosh Client	08/05/2019	18.928MB
Download Linux 64 bit (Fedora/openSUSE) F5 Helper App for Firefox and Chrome linux_f5vpn.x86_64.rpm	11/04/2019	33MB
Download Linux 64 bit (Ubuntu/Debian) F5 Helper App for Firefox and Chrome linux_f5vpn.x86_64.deb	11/04/2019	40MB

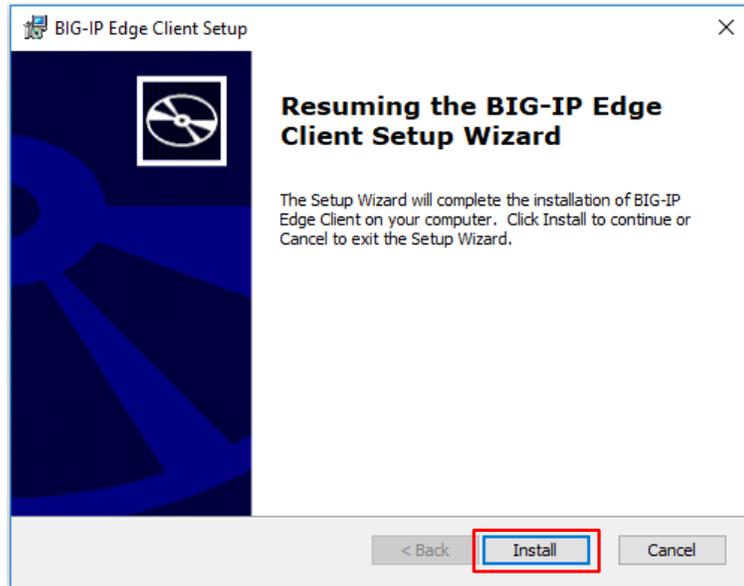
[Return to Husky OnNet main page.](#)

☐ Download and run the software:

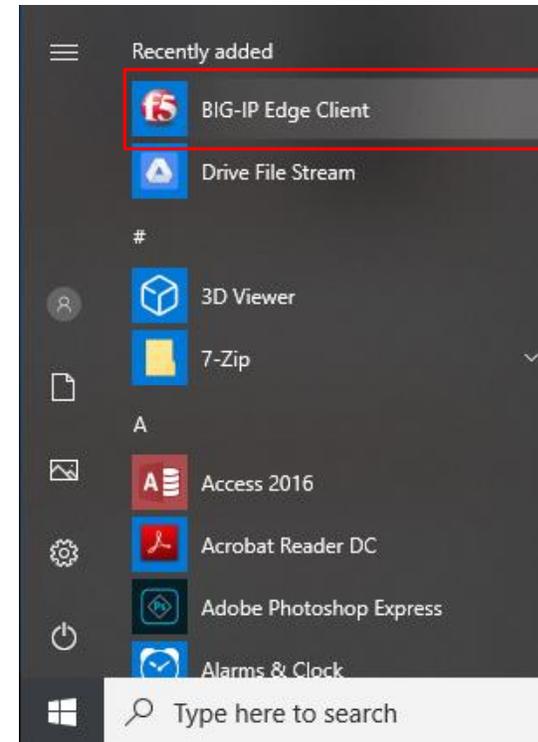


□ Husky OnNet

□ Click Install

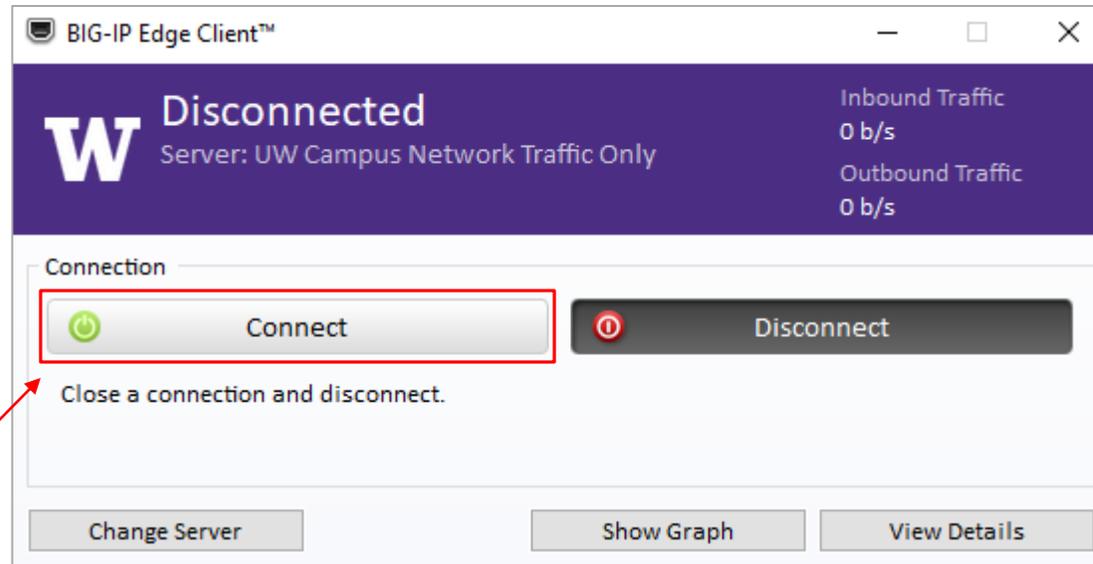


□ Run Software “BIG-IP Edge Client”



Husky OnNet

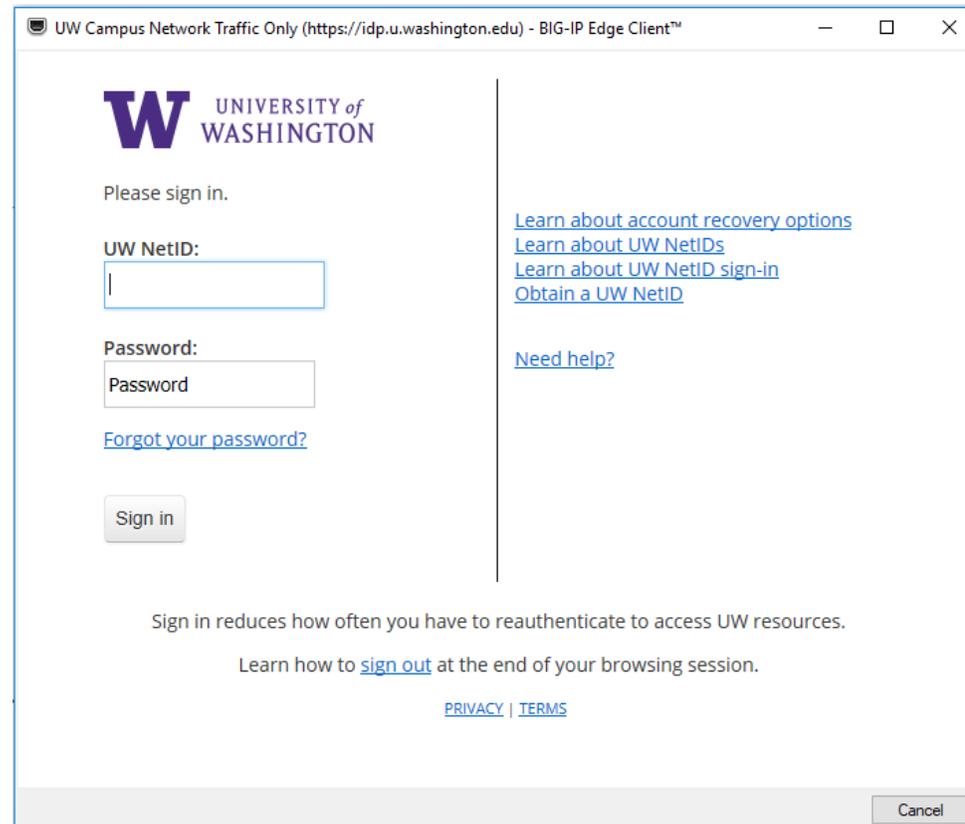
Husky OnNet User Interface



 Click "Connect"

Husky OnNet

 You will be required to login using your UW NetID



UW Campus Network Traffic Only (https://idp.u.washington.edu) - BIG-IP Edge Client™

W UNIVERSITY of WASHINGTON

Please sign in.

UW NetID:

Password:

[Forgot your password?](#)

[Learn about account recovery options](#)
[Learn about UW NetIDs](#)
[Learn about UW NetID sign-in](#)
[Obtain a UW NetID](#)

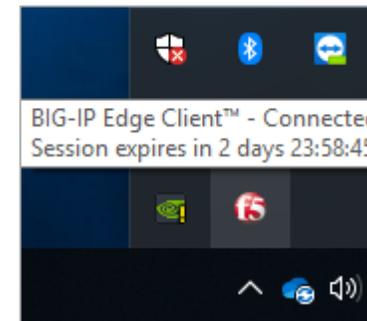
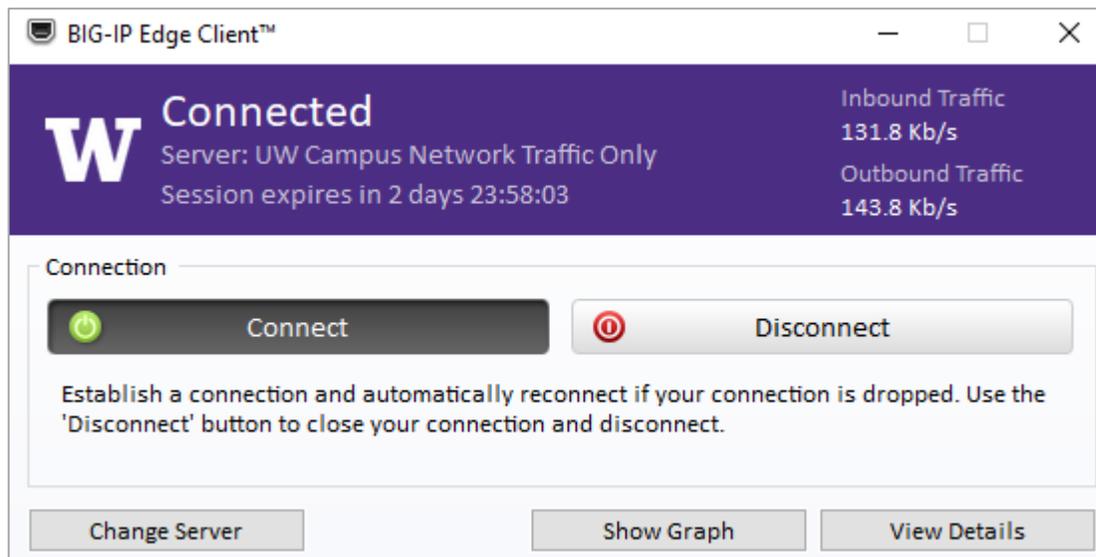
[Need help?](#)

Sign in reduces how often you have to reauthenticate to access UW resources.
Learn how to [sign out](#) at the end of your browsing session.

[PRIVACY](#) | [TERMS](#)

Husky OnNet

- After you login, the Husky OnNet VPN is connected. You can also find the icon of the software at the Windows Task bar.



Husky OnNet

 Now, Check your IP Address

```
C:\Users\Zhiyong>ipconfig

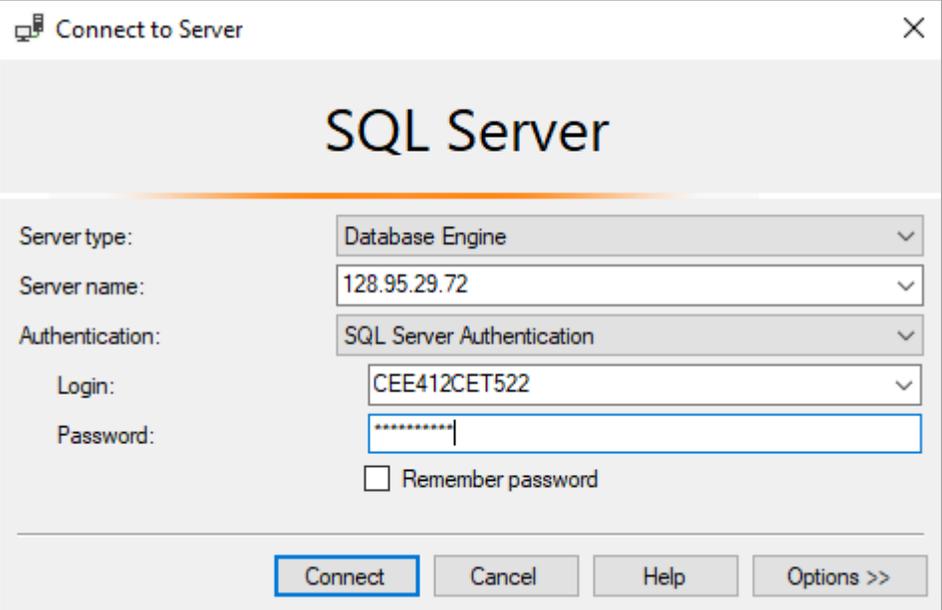
Windows IP Configuration

PPP adapter _Common_huskyonnet-split_na_res - huskyonnet.uw.edu:

    Connection-specific DNS Suffix . : localhost
    IPv4 Address. . . . . : 10.102.113.
    Subnet Mask . . . . . : 255.255.255.255
    Default Gateway . . . . . :
```

Husky OnNet

 Now, login to the database



Connect to Server

SQL Server

Server type: Database Engine

Server name: 128.95.29.72

Authentication: SQL Server Authentication

Login: CEE412CET522

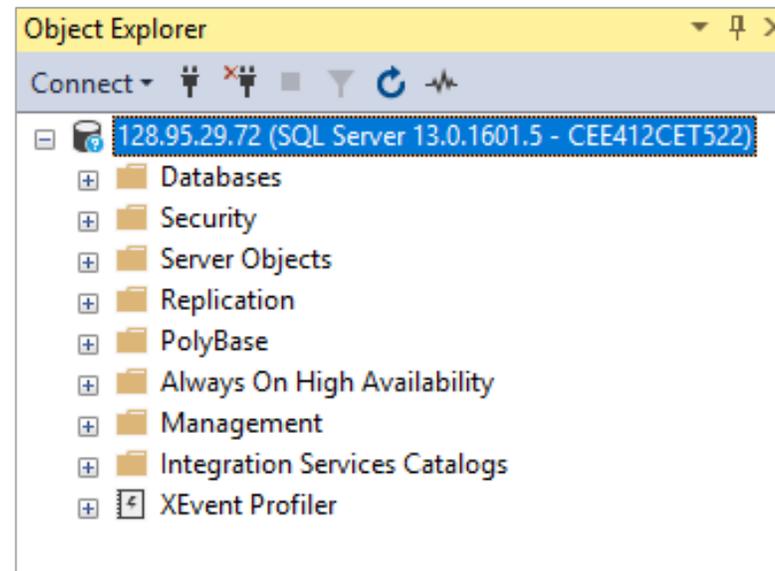
Password:

Remember password

Connect Cancel Help Options >>

☐ Husky OnNet

☐ Now, the database is connected.



☐ Good luck.