

Connecting to Your EC2 Instance - Windows



Topics

- ❖ Connecting with RDP
- ❖ Connecting with SSH
- ❖ Connecting with your Browser

Quick Notes

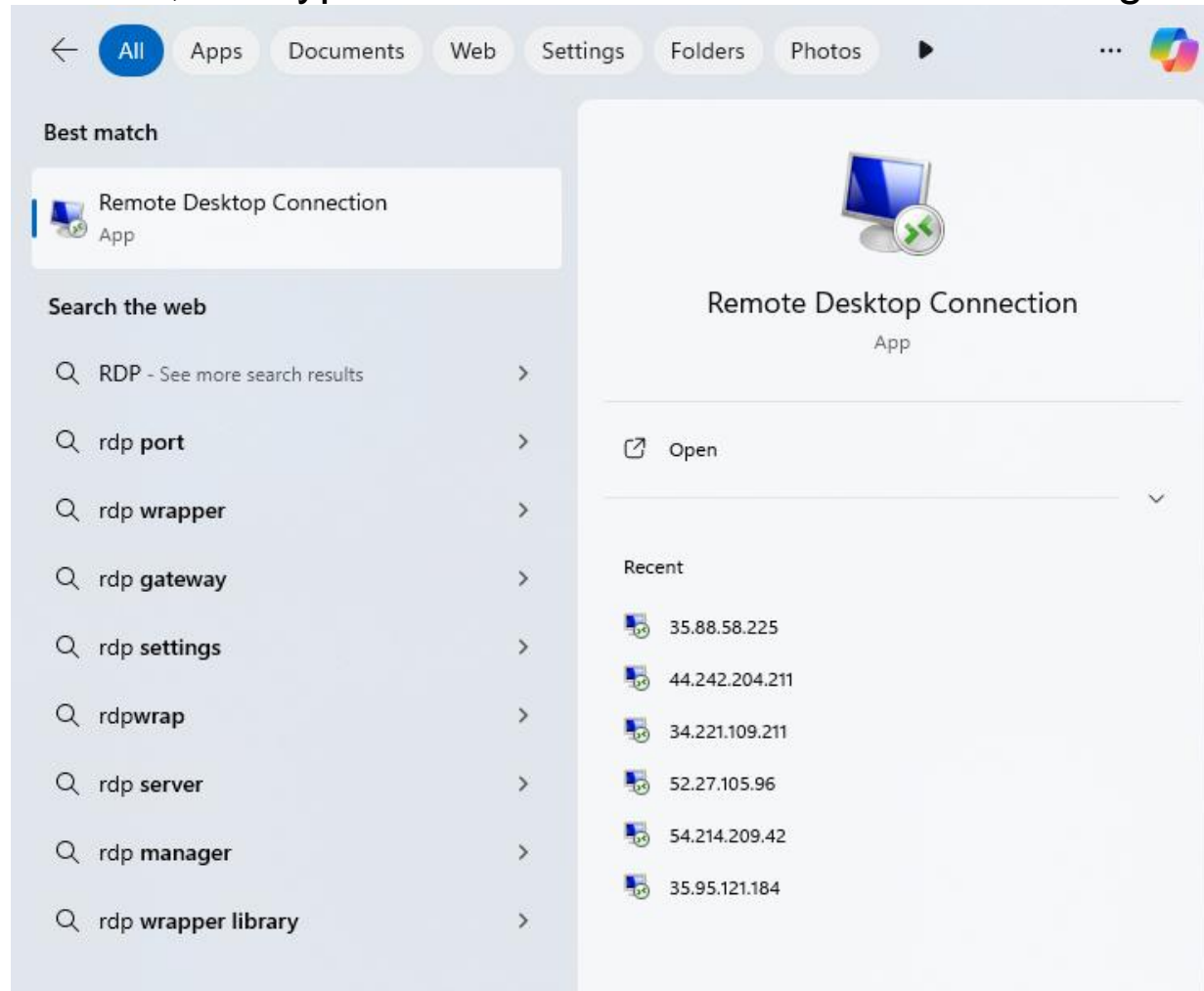
- ❖ While we provide different options for connecting to the instance, we recommend using Remote Desktop Protocol to connect to your remote desktop for the best user experience and ease of use.
- ❖ When working on the remote computer, please do not shut down the remote computer. This can cause issues with the remote desktop. If you wish to stop working on the instance, disconnect from the instance instead. Thank you.

Connecting with RDP



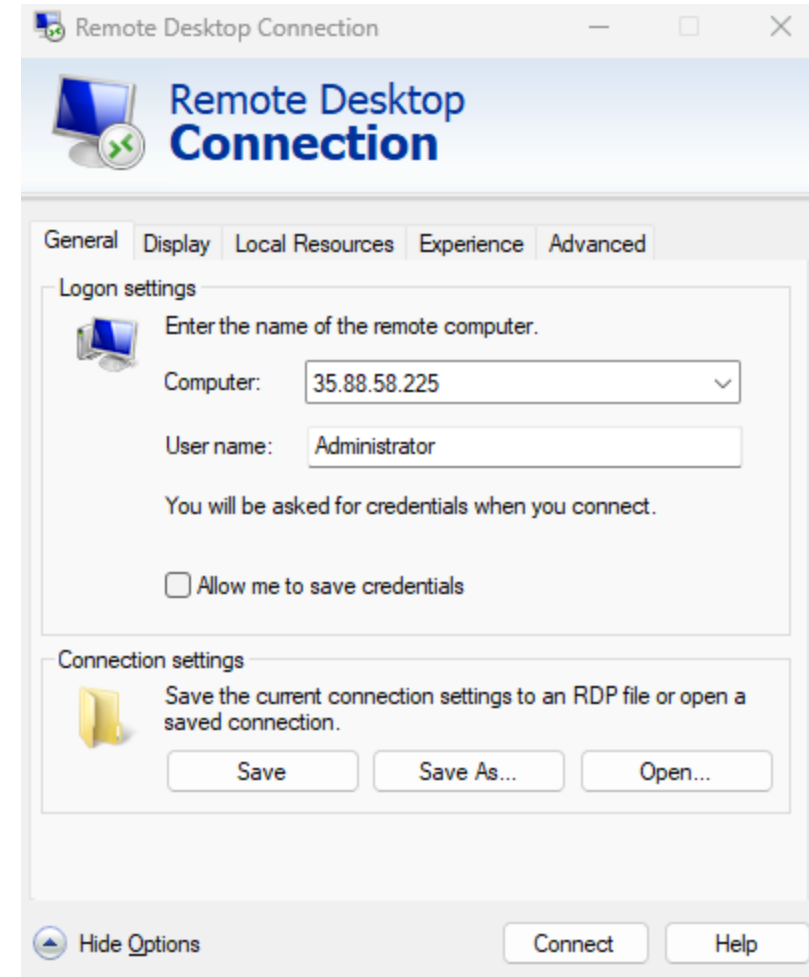
Connecting with RDP

- ❖ Remote Desktop Protocol (RDP) is built-in to Windows. To connect via RDP to the EC2 instance on Windows, first type in RDP into the search bar and bring out the RDP interface.



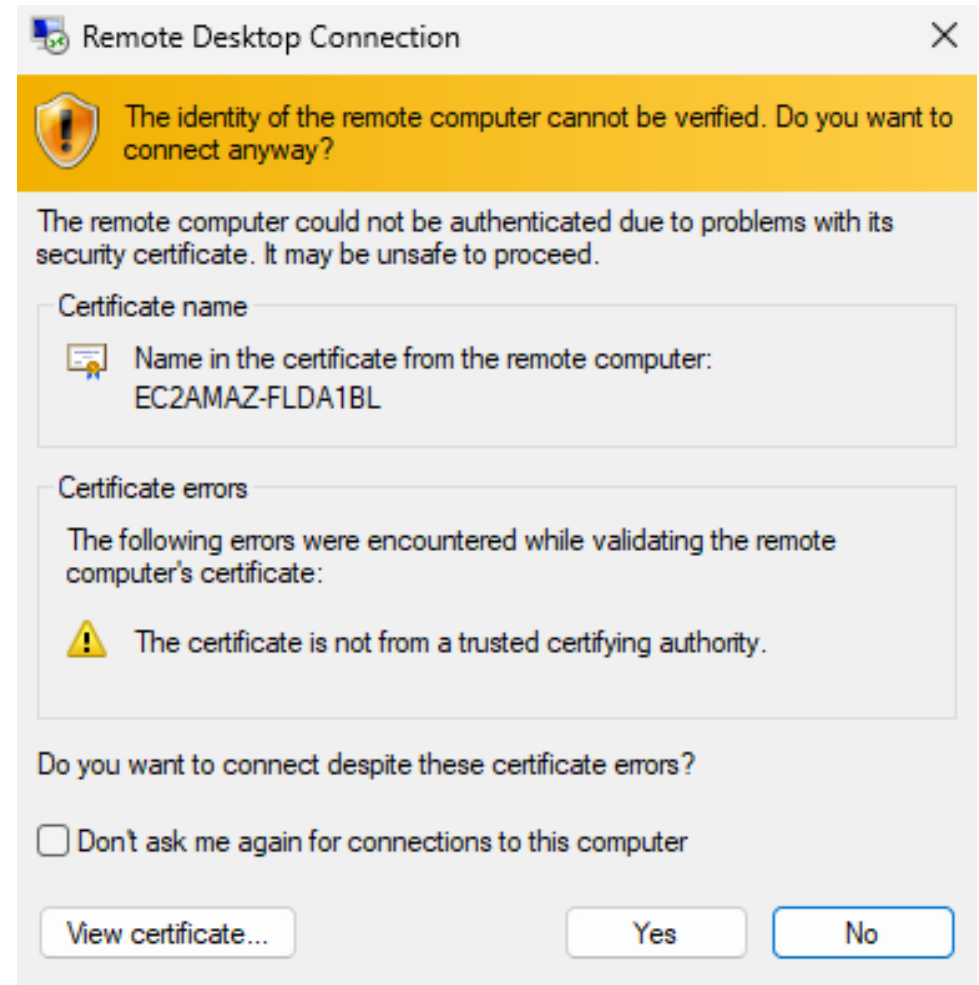
Connecting with RDP

- ❖ In the RDP interface, enter the IP address of your instance and the User name. If you do not see an option to enter your user name, click on the more options button on the bottom of the window. After the information has been entered, press Connect.



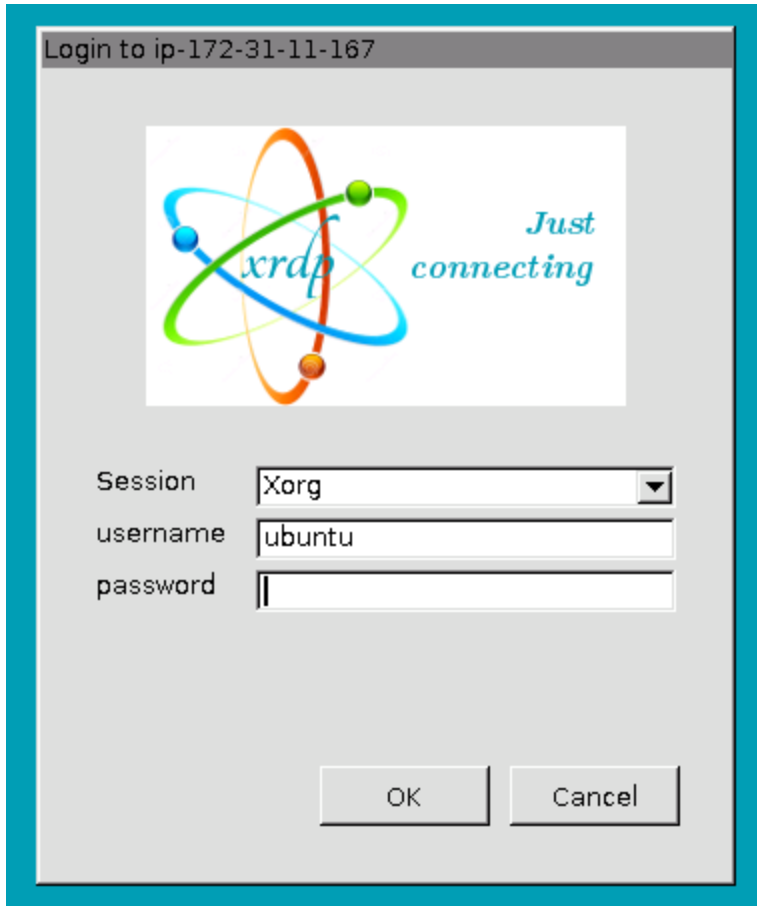
Connecting with RDP

- ❖ If this is your first time connecting to the instance, there might be a pop up informing you that the remote computer could not be verified. Select the “Don't ask again” option, then click on Yes.
- ❖ Afterwards, you should be able to connect to the instance and do work there.

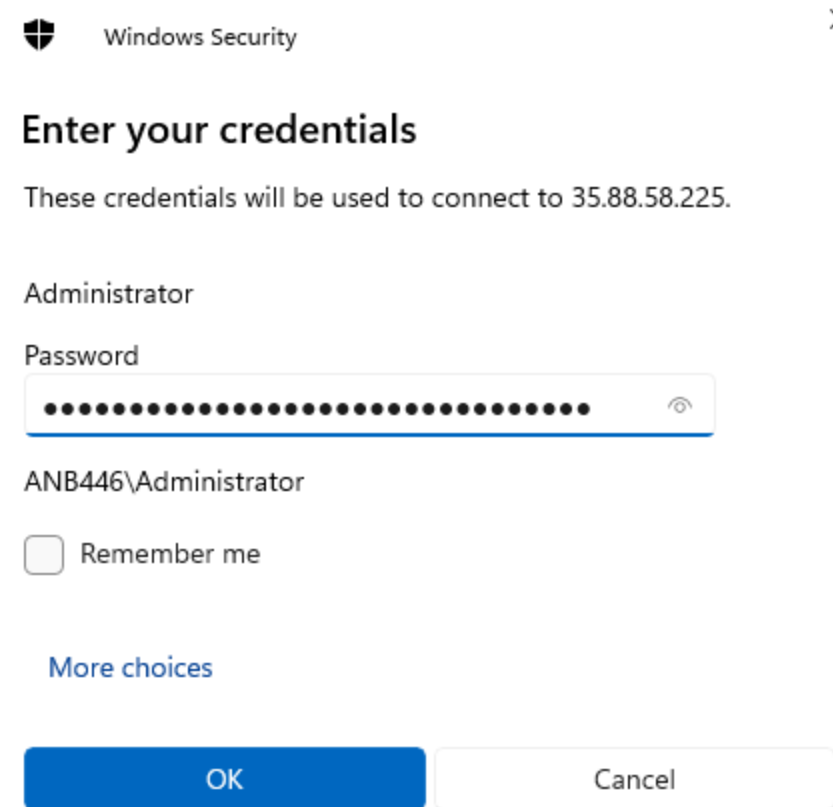


Connecting with RDP

- ❖ It'll ask you to enter your password. Enter it and click OK. Afterwards, you should be connected to your remote desktop.



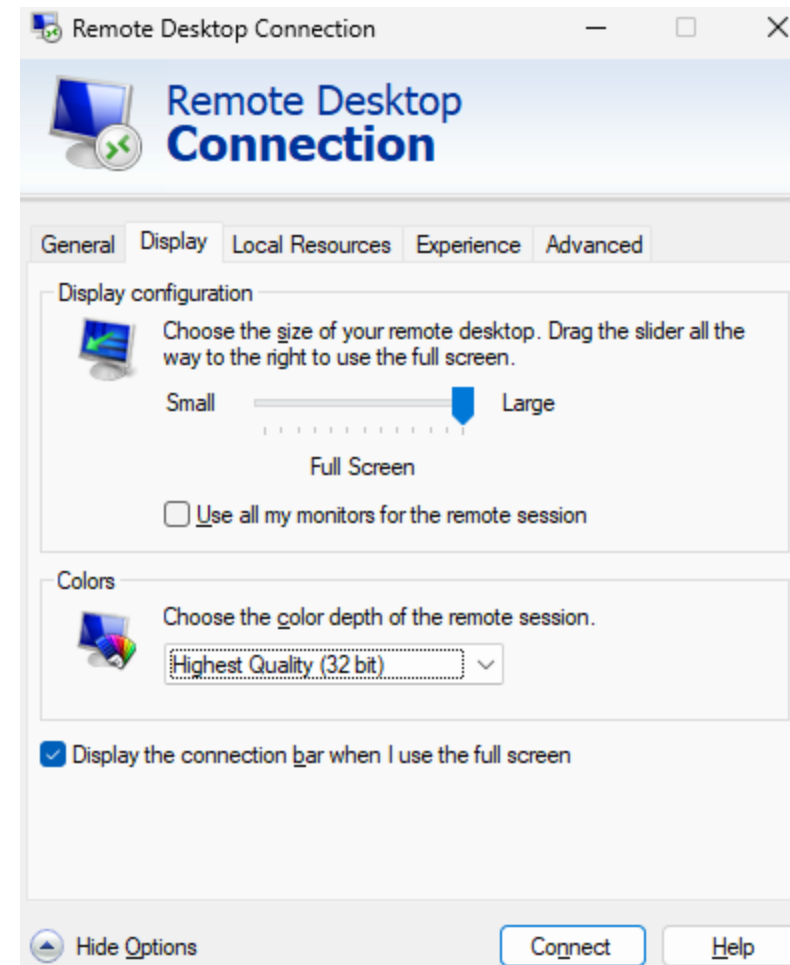
Connecting to an Ubuntu instance



Connecting to a Windows instance

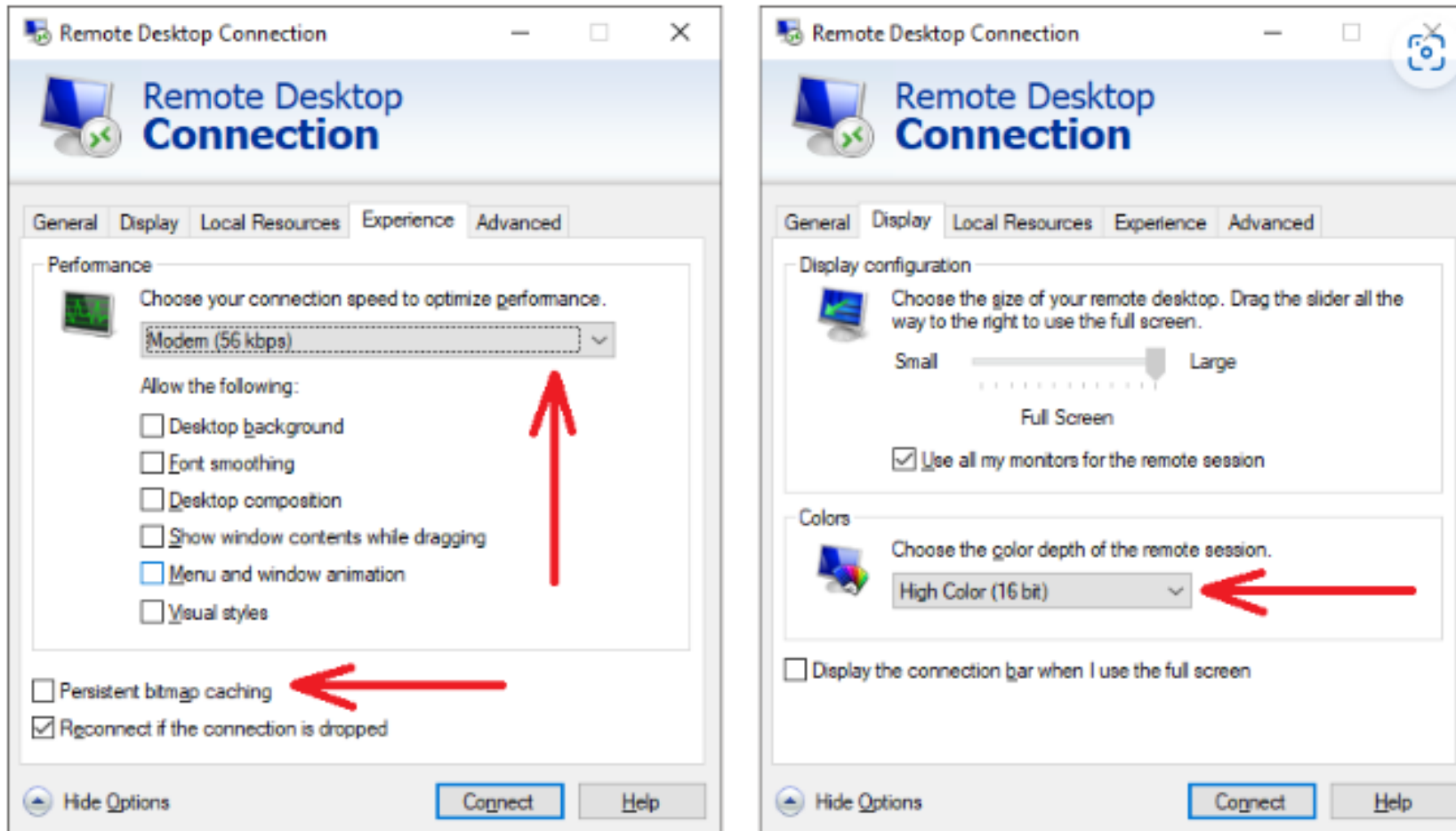
Changing the Resolution of the Instance

- ❖ While in the instance, you will not be able to change/modify the resolution of the instance. To change these settings, you will have to go to the Display tab before connecting to the instance. If the tab is not visible, click on the Show Options button on the bottom.



Improving Performance of the Instance

- ❖ If you're finding the instance to be running a bit slow, one way to improve performance is to modify the RDP settings seen below:



Connecting with SSH



Connecting with SSH

- ❖ You can connect to your instance using its hostname and the pem file used to create the instance. To get the hostname , follow the format below:
`ec2-X-X-X-X.us-west-2.compute.amazonaws.com`
- ❖ Each X represents a number in the public IP address of your instance. For example, if the IP of your instance is 172.16.254.1, the hostname would be
`ec2-172-16-254-1.us-west-2.compute.amazonaws.com`
- ❖ Open a SSH client of your choosing and navigate to where your .pem file is stored. Then, to SSH into the instance, run the command below to connect to the instance, substituting the .pem file and hostname with your own.

```
ssh -i "Ubuntu.pem" ubuntu@ec2-172-16-254-1.us-west-2.compute.amazonaws.com
```

Connecting with SSH

```
PS C:\Users\Tom752\Downloads> ssh -i "Andes USA.pem" ubuntu@ec2-35-91-44-168.us-west-2.compute.amazonaws.com
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1075-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Mar  3 05:11:17 UTC 2025

System load:  1.37               Processes:            270
Usage of /:   34.5% of 61.84GB   Users logged in:     1
Memory usage: 23%               IPv4 address for ens5: 172.31.11.167
Swap usage:   0%

 * Ubuntu Pro delivers the most comprehensive open source security and
   compliance features.

   https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

5 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

1 additional security update can be applied with ESM Apps.
Learn more about enabling ESM Apps service at https://ubuntu.com/esm

New release '22.04.5 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

*** System restart required ***
Last login: Mon Mar  3 04:34:21 2025 from 211.75.183.171
ubuntu@ip-172-31-11-167:~$ |
```

Example of successfully SSH into an Ubuntu instance

Connecting within Browser



Connecting with Browser

You can also connect to the EC2 instance via your browser by typing the URL below in your browser:

<http://YourInstanceIP:6080/vnc.html>

For example, if the IP of your instance is 172.16.254.1, you would enter this URL into the browser:

[http:// 172.16.254.1 :6080/vnc.html](http://172.16.254.1:6080/vnc.html)

The URL should take you to a screen that looks like the one below.



Connecting with Browser

Click on the central button, and it'll prompt you to enter your password. Once you've entered the password, you should be able to connect to your instance.

Troubleshooting

❖ If you encounter troubles with connecting to your instance, please email the Andes support team at:

➤ Tom752@andestech.com

➤ Hubert@andestech.com

