

CREST CRT AMI

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AWS Configuration

If you do not already have an AWS account, you can create one by heading over to:

<https://aws.amazon.com/account/sign-up>

Open EC2 in Region: London (eu-west-2) <https://eu-west-2.console.aws.amazon.com/ec2/home?region=eu-west-2>

Launch instance

Launch instance

To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.

[Launch instance](#) ▼ [Migrate a server](#) ↗

Note: Your instances will launch in the Europe (London) Region

Name your instance

Name and tags [Info](#)

Name

 [Add additional tags](#)

Search for **CREST CRT** in Application and OS Images (Amazon Machine Image) search box

▼ **Application and OS Images (Amazon Machine Image)** [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

Q

Quick Start

Browse more AMIs
Including AMIs from AWS, Marketplace and the Community

Select community amis

Community AMIs (1)

Published by anyone

Make sure the details match the details below

Owner: 126620636130
Publish date: 2023-11-07

and press select

CREST CRT Candidate Image 2023-11-07 1.0 **Select**
ami-0df524314fc95a431
[Copied ami-0d787717c538a897e from eu-west-2] CREST CRT Candidate Image 2023-11-07 1.0
Owner: [126620636130](#) Publish date: 2023-11-07 Root device type: ebs Virtualization: hvm ENA enabled: Yes

Use instance type t2.micro if you are free tier eligible to host the machine for free

▼ **Instance type** [Info](#)

Instance type

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true

On-Demand Windows base pricing: 0.0178 USD per Hour

On-Demand RHEL base pricing: 0.0732 USD per Hour

On-Demand SUSE base pricing: 0.0132 USD per Hour

On-Demand Linux base pricing: 0.0132 USD per Hour

All generations

[Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

Create your keypair and give it a meaningful name

▼ Key pair (login) Info

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - *required*

CREST CRT 1 ▼ [Create new key pair](#)

Create the ssh rule to allow ssh traffic from your IP

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

Create security group Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

- Allow SSH traffic from
Helps you connect to your instance
- Allow HTTPS traffic from the internet
To set up an endpoint, for example when c
- Allow HTTP traffic from the internet
To set up an endpoint, for example when c

Anywhere 0.0.0.0/0

Anywhere 0.0.0.0/0 ✓

Custom

My IP [redacted]/32

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only. ✕

Configure the storage (Storage has to be at least 50gb)

▼ Configure storage Info Advanced

1x 50 GiB gp2 ▼ Root volume (Not encrypted)

ⓘ Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage ✕

Add new volume

0 x File systems Edit

Launch the instance once the above steps are complete

Cancel

Launch instance

Review commands

Connecting to the machine

Windows Terminal

Open CMD on your machine and type in:

```
ssh -L 5901:127.0.0.1:5901 -C -N -l kali <your-server-ip>
```

```
C:\Users\ >ssh -L 5901:127.0.0.1:5901 -C -N -l kali 3: 4
```

password: **kali**

Once you have successfully connected, it **won't** give a connection succeeded message

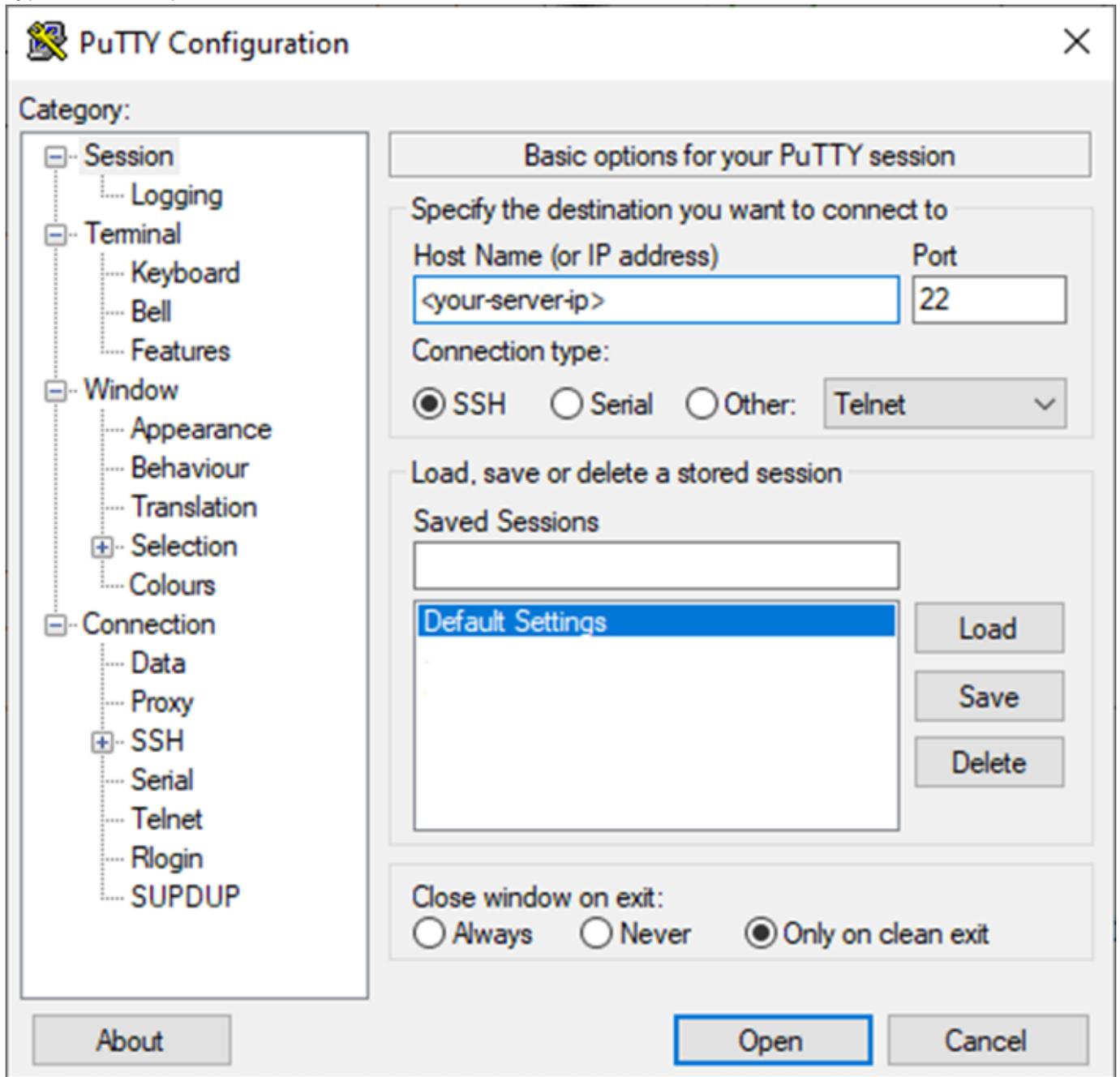
```
Command Prompt
C:\Users\ >ssh -L 5901:127.0.0.1:5901 -C -N -l kali 3: 4
The authenticity of host '3: 4' can't be established.
ECDSA key fingerprint is SHA256:
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3: 4' (ECDSA) to the list of known hosts.
kali@3: 4's password:
```

Connect via [VNC](#)

PuTTY

Open the PuTTY gui

Type the server ip in **Host Name**



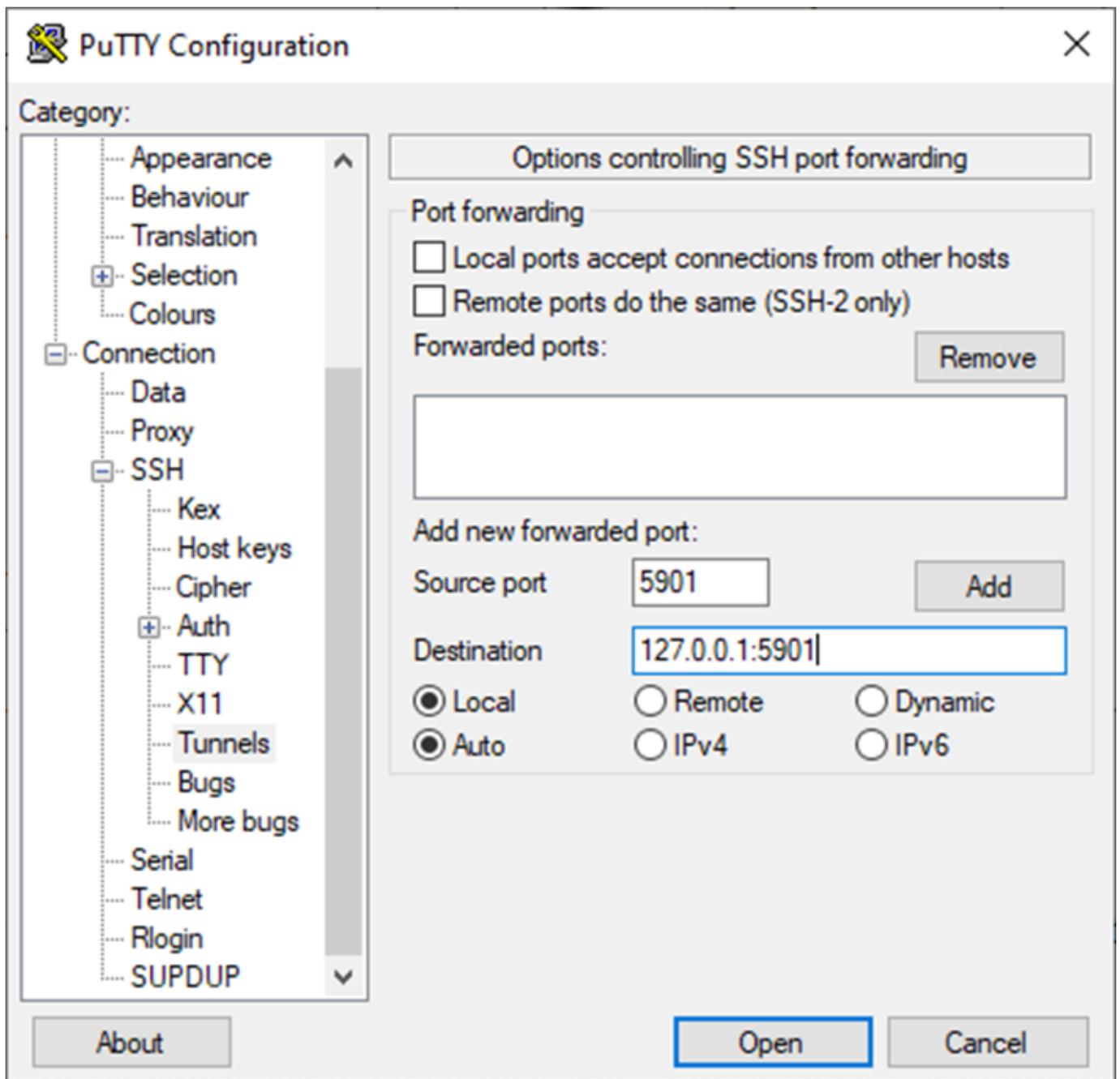
In the **Category** side tab, go to:

Connections > SSH > Tunnels

Fill in these details:

Source Port: **5901**

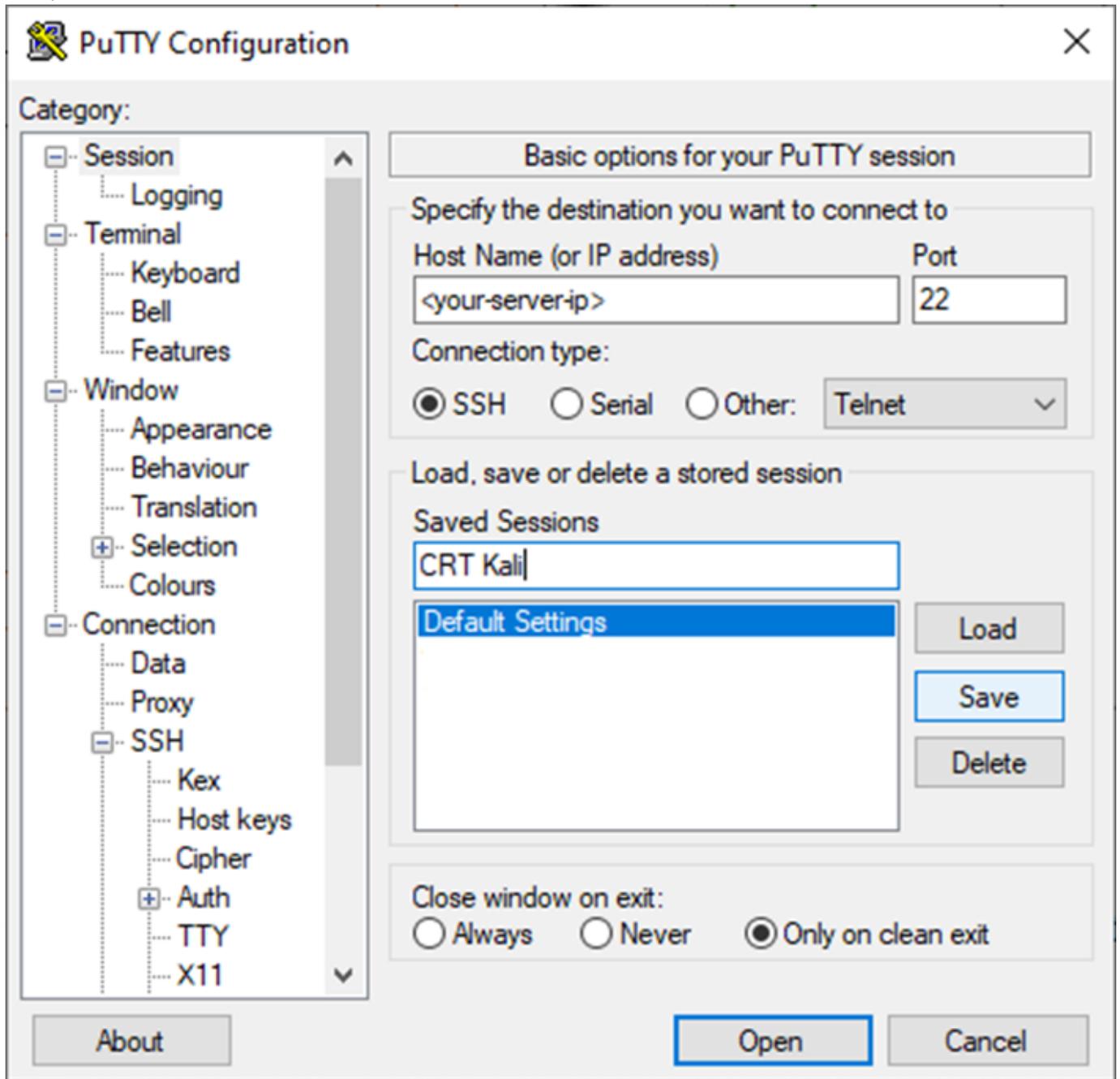
Destination: 127.0.0.1:5901



This step is **optional**

If you want to save this configuration, head back to the **Session** category, type in a name in **Saved Sessions**

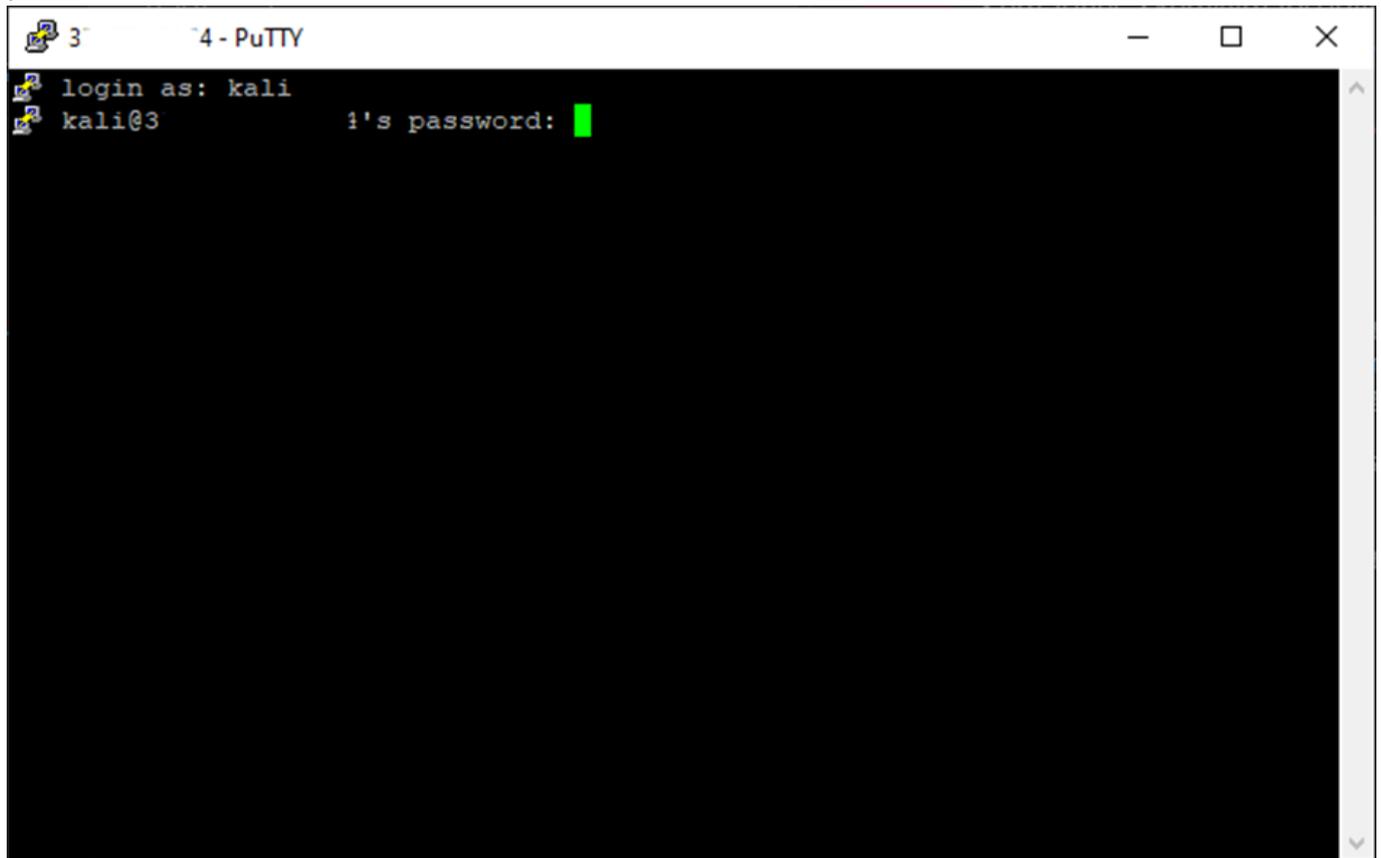
and press **Save**



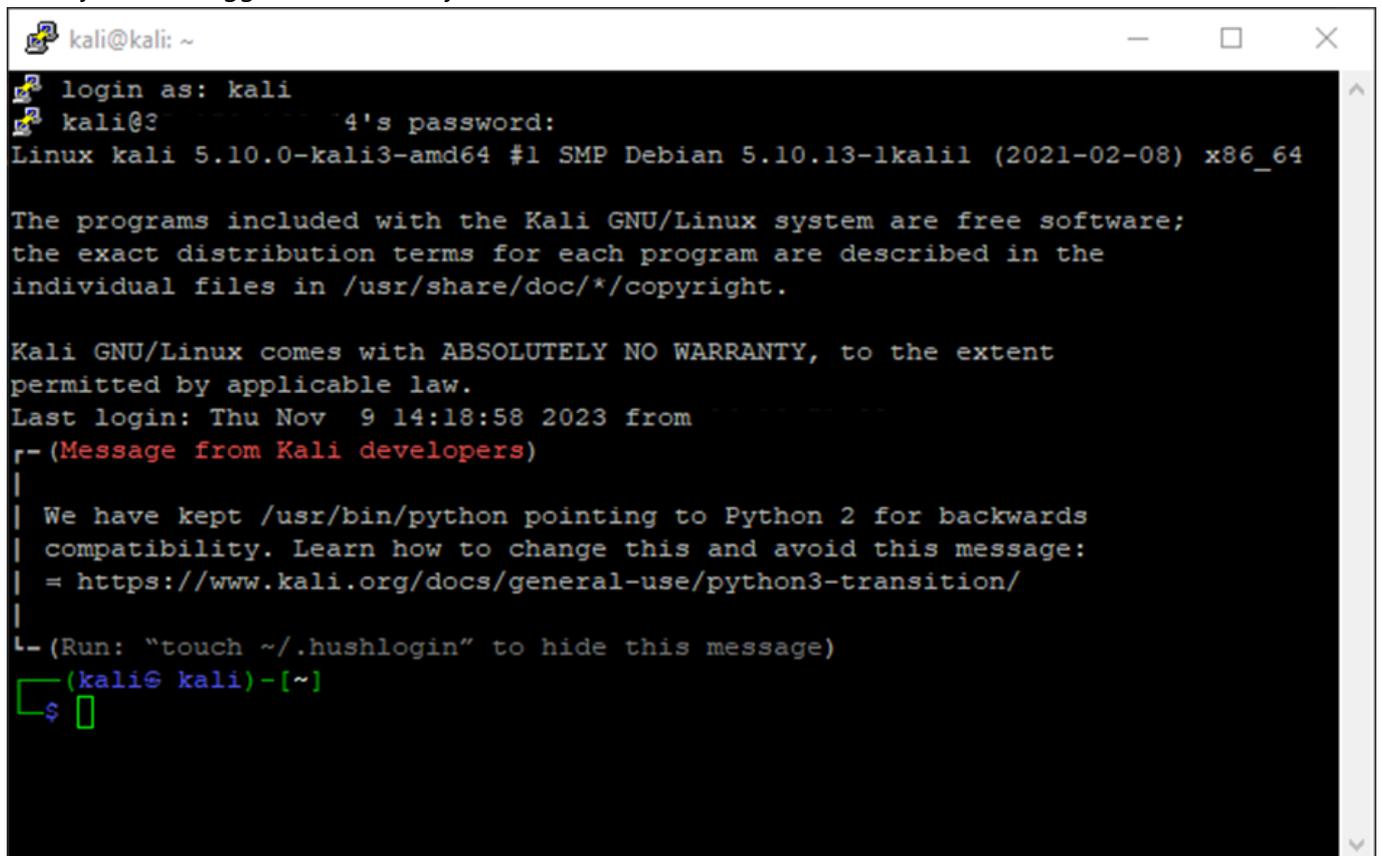
Press **Open**

username: **kali**

password: kali



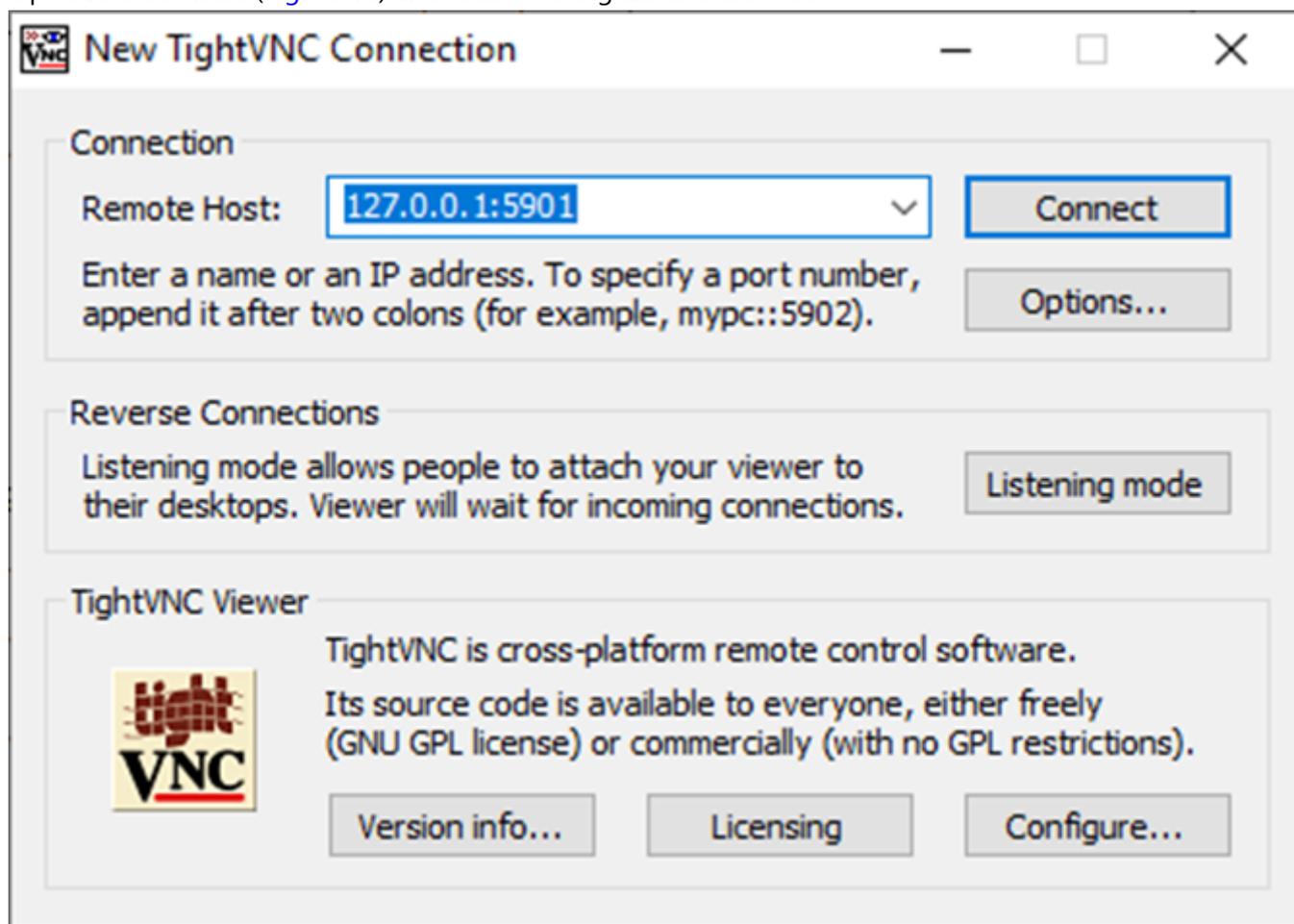
Once you have logged in successfully, the terminal should look like this:



Connect via [VNC](#)

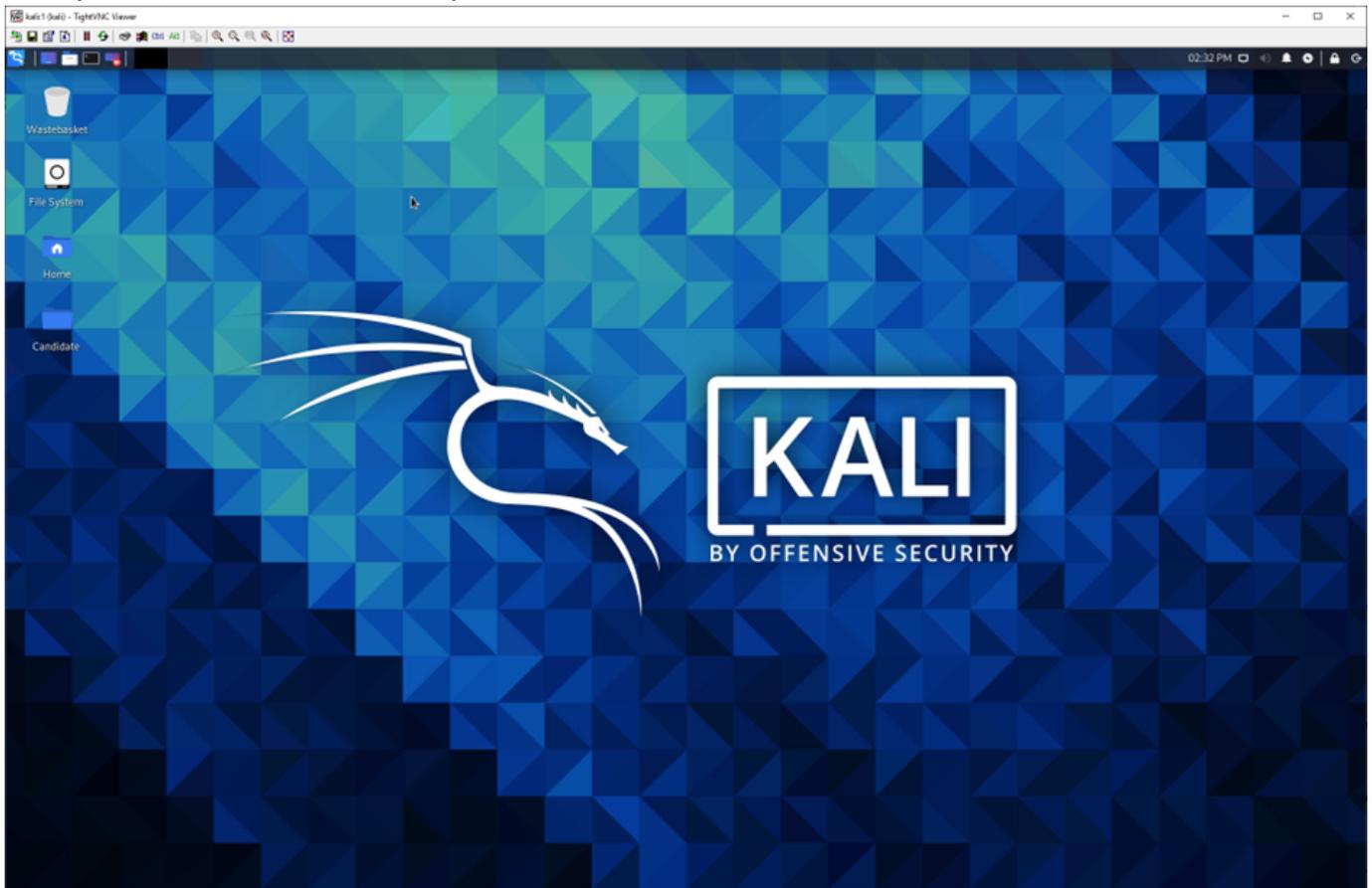
VNC From Windows

Open VNC Software (TightVNC) and connect using Remote Host: 127.0.0.1:5901



password: kali1234

Once you have connected successfully it will look like this:



Kali

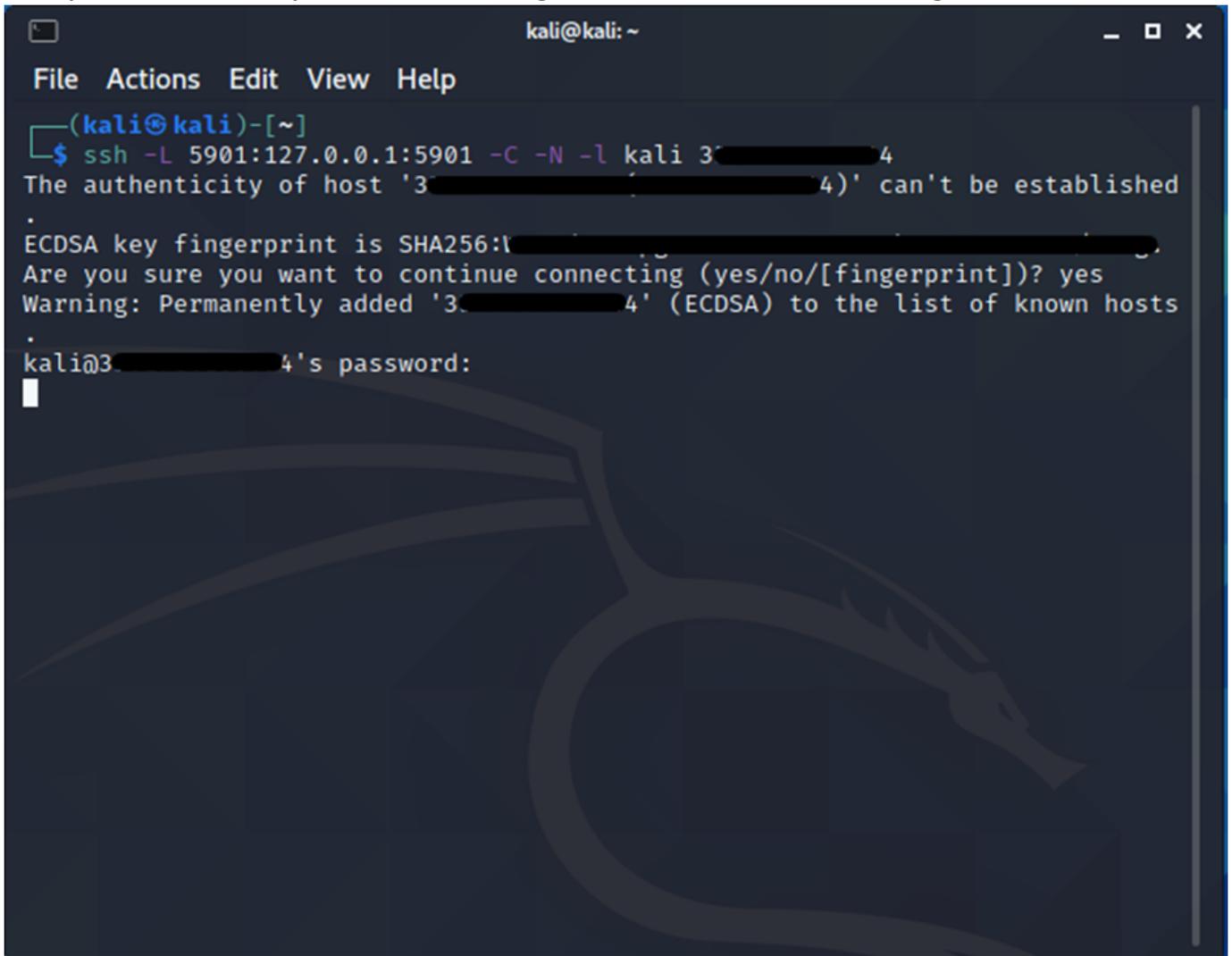
Open the terminal (**CTRL+ALT+T**) and type in

```
ssh -L 5901:127.0.0.1:5901 -C -N -l kali <your-server-ip>
```

```
kali@kali: ~  
File Actions Edit View Help  
(kali@kali)-[~]  
└─$ ssh -L 5901:127.0.0.1:5901 -C -N -l kali 3[REDACTED]4
```

password: kali

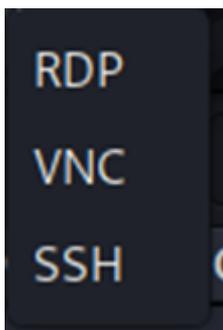
Once you have successfully connected, it **won't** give a connection succeeded message



```
kali@kali: ~  
File Actions Edit View Help  
└─(kali@kali)-[~]  
└─$ ssh -L 5901:127.0.0.1:5901 -C -N -l kali 3...4  
The authenticity of host '3...4' can't be established  
.  
ECDSA key fingerprint is SHA256:1...  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '3...4' (ECDSA) to the list of known hosts  
.  
kali@3...4's password:  
█
```

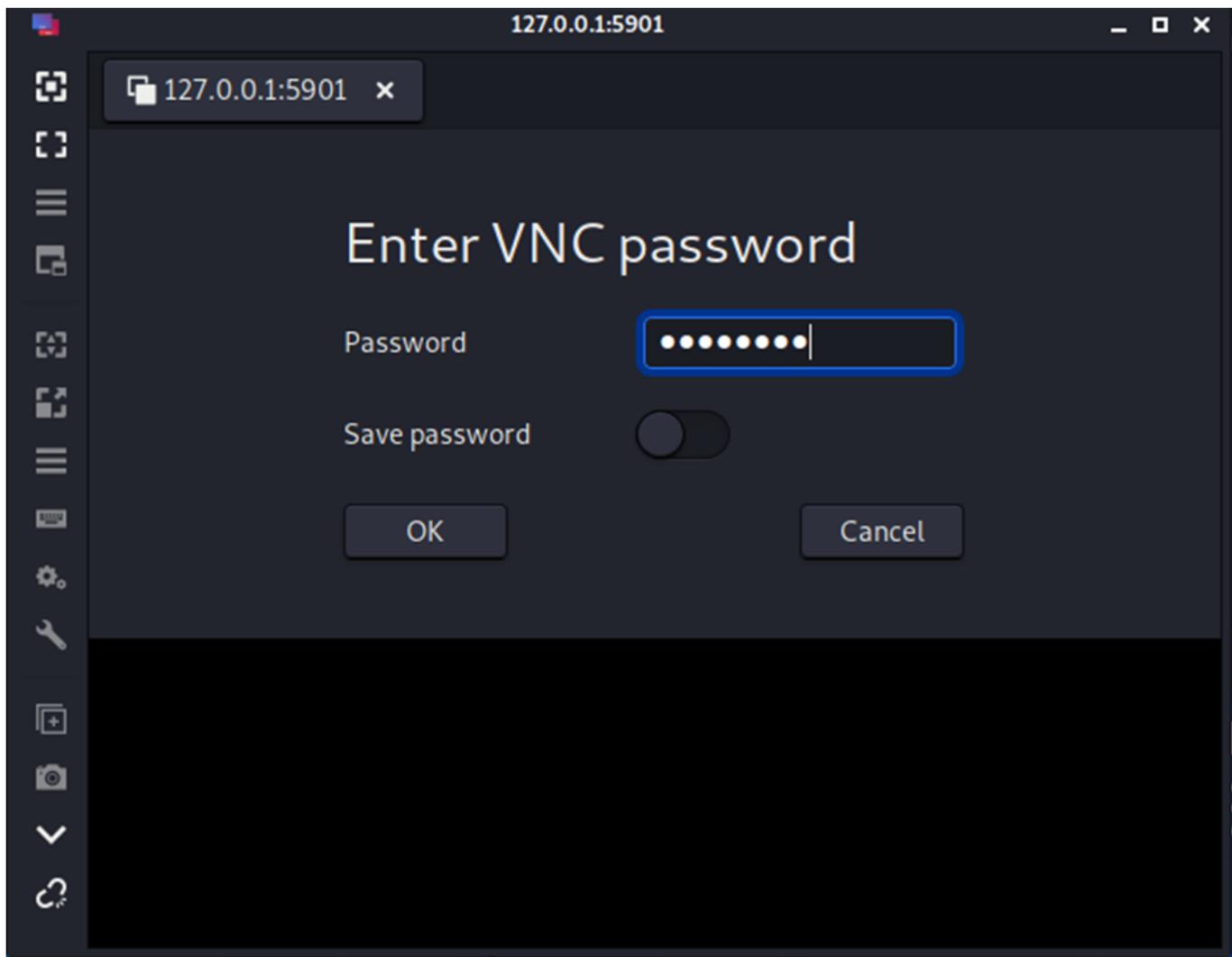
Open Remmina (built in RDP/VNC software)

Select **VNC** as the connection type



Connect to: 127.0.0.1:5901

password: kali1234



Once you have successfully connected it will look like this:

