

# CREST APP Kali Candidate Machine AMI Setup Guide

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## Set up the machine in AWS

If you do not already have an AWS account, you can create one here:

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

The AMI is available in the following regions:

- Europe (London) | [eu-west-2](#)
- Asia Pacific (Singapore) | [ap-southeast-1](#)
- Asia Pacific (Sydney) | [ap-southeast-2](#)
- US East (N. Virginia) | [us-east-1](#)

### 1. 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](#) ↗

### 2. Name your instance

### Name and tags [Info](#)

Name

 [Add additional tags](#)

1. Search for the following based on your region:

- Europe (London): [ami-014375bcb4e0c3728](#)
- Asia Pacific (Singapore): [ami-04a0d75c1c052ec20](#)
- Asia Pacific (Sydney): [ami-00fb331e0c116f252](#)
- US East (N. Virginia): [ami-07f8b74abb4e310ba](#)

2. Select the AMI that appears

3. Select desired instance type

ⓘ If you want to host the machine for free, select type [t2.micro](#). This is only available to Free tier eligible customers (more information about this can be found [here](#)) ⓘ

▼ **Instance type** [Info](#) | [Get advice](#)

Instance type

<b>t2.micro</b>	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](#)

4. Create or select your key pair

▼ **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-Candidate-Key

[Create new key pair](#)

5. Configure the network

- If you want to allow SSH into the machine, select it and set the desired connection IP. (RDP will be set up in a later step)

### 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-2'** with the following rules:

Allow SSH traffic from

Helps you connect to your instance

My IP

██████████/32

Allow HTTPS traffic from the internet

To set up an endpoint, for example when creating a web server

Allow HTTP traffic from the internet

To set up an endpoint, for example when creating a web server

## 6. Configure storage

- Leave this setting as the default

ⓘ Please note this storage will incur a cost. Changing this setting may result in the Kali machine not working. More information on storage costs can be found [here](#) ⓘ

### ▼ Configure storage [Info](#)

Advanced

1x  GiB  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

⌚ Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

↻

0 x File systems

Edit

## 7. Launch the instance

- Once the above steps are complete, you can launch the instance

Cancel

Launch instance

[Review commands](#)

# Accessing the machine

## Login Credentials

- Username: `kali`
- Password: `kali`

There are two ways to access the machine. You can use either SSH or RDP. We recommend RDP for the best experience.

You will need the public IPv4 address to access the machine. This can be found in the instance summary:

**Instance summary for i-0f983c2590b768b54 (CREST Candidate Machine)** [Info](#)  
Updated less than a minute ago

Instance ID  
i-0f983c2590b768b54 (CREST Candidate Machine)

Public IPv4 address  
[REDACTED] | [open address](#)

## Connecting via SSH

To connect via ssh use the following command:

```
ssh -i <PATH-TO-YOUR-KEY-PAIR> kali@<MACHINE-PUBLIC-IP>
```

## Connecting via RDP

### Allowing RDP connections

To connect via RDP, you have to allow incoming RDP connections. You can do this as follows:

1. Select the **Security** tab from your instance summary

Details | Status and alarms [New](#) | Monitoring | **Security** | Networking | Storage | Tags

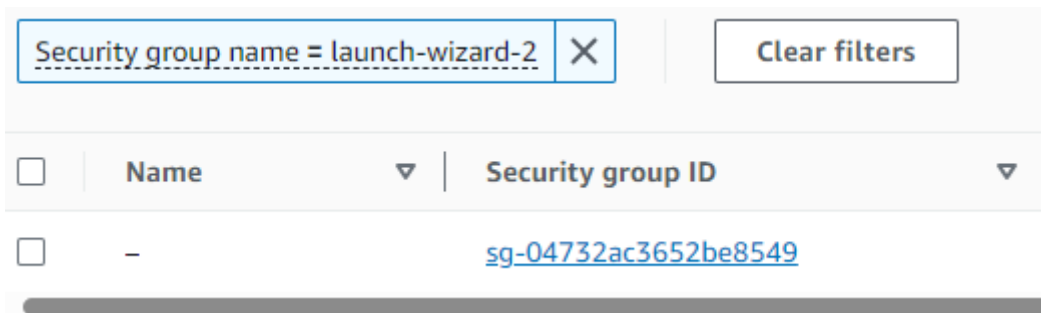
2. Inside **Inbound rules** select the launch wizard for your security group

▼ Inbound rules

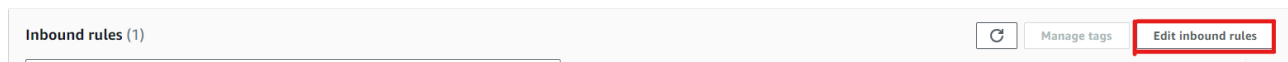
Filter rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups
-	sgr-030177f6c05ae050b	22	TCP	[REDACTED]/32	<a href="#">launch-wizard-2</a>

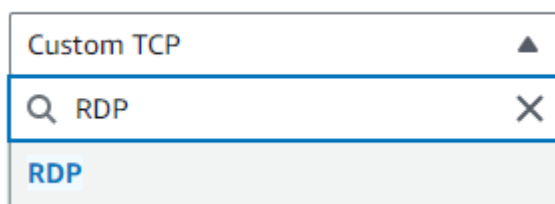
3. Select the **Security group ID**



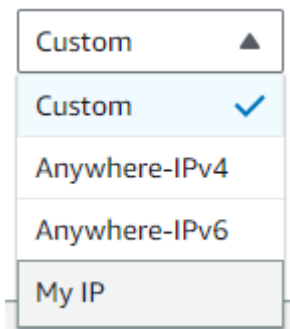
#### 4. Edit inbound rules



#### 5. Add new RDP rule



#### 6. Set desired Source



### Connect to the machine

1. Using your desired RDP client, type in the public IP of the AWS machine and connect.
2. Leave the session as **Xorg**
3. sign in using the credentials provided above

Login to kali



Session

username

password

OK

Cancel