

# CREST INF Kali Candidate Machine AMI Setup Guide

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## Set up the machine in AWS

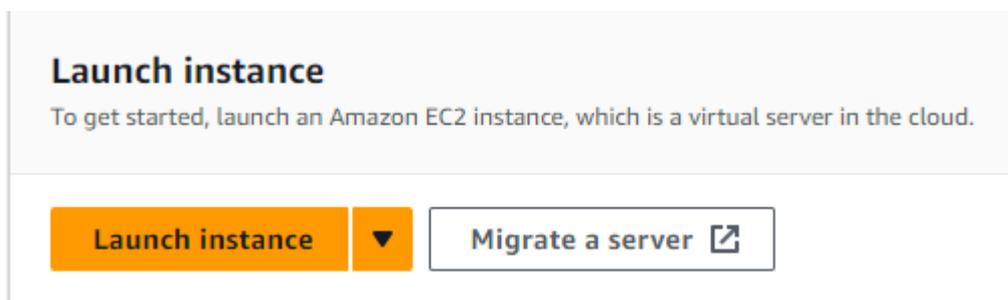
If you do not already have an AWS account, you can create one here:

<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



The screenshot shows the 'Launch instance' button in orange, followed by a dropdown arrow and a 'Migrate a server' button with an external link icon. The text above the buttons reads: 'Launch instance' and 'To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.'

### 2. Name your instance



The screenshot shows the 'Name and tags' section of the AWS console. It includes a header 'Name and tags' with an 'Info' link. Below is a 'Name' label and a text input field containing 'CREST Candidate Machine'. To the right of the input field is a link that says 'Add additional tags'.

1. Search for **CREST INF Kali** 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 CREST INF Kali ✕

**My AMIs** | **Quick Start**



Amazon Linux  
aws



macOS  
Mac



Ubuntu  
ubuntu



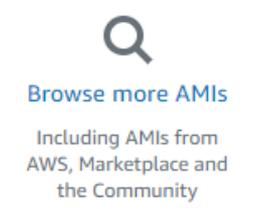
Windows  
Microsoft



Red Hat  
Red Hat



SUSE Linux  
SUS



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

2. Select **Community AMIs**

**Community AMIs (2)**  
Published by anyone

3. Make sure the details match the following:

- Name: **CREST INF Kali Candidate Image 2024-07-09 1.0**  
▪ Owner: **126620636130**

2. Select the AMI



**CREST INF Kali Candidate Image 2024-07-09 1.0**  
ami-0b2bed71ab89ce5b8  
[Copied ami-0422ddaa6ff630d90 (CREST INF Kali Candidate Image 2024-07-09 1.0) from eu-west-2] INF Kali 2024 Public AMI  
Owner: 126620636130 Platform: Other Linux Architecture: x86\_64 Owner: 126620636130 Publish date: 2024-07-10 Root device type: ebs Virtualization: hvm ENA enabled: Yes

Select

4. 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

**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

## 5. 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](#)

## 6. 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

**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

## 7. 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 ✕

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🕒 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.

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0 x File systems Edit

## 8. Launch the instance

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

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Instance ID 📄 i-0f983c2590b768b54 (CREST Candidate Machine)	Public IPv4 address 📄 <span style="background-color: black; color: black;">XXXXXXXXXX</span>   <a href="#">open address</a> <a href="#">🔗</a>
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## Connecting via SSH

To connect via ssh use the following command:

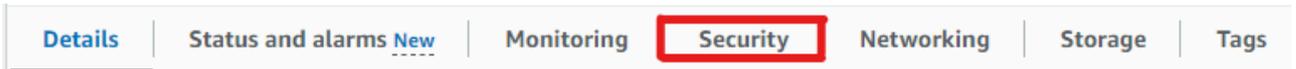
```
ssh -i <PATH-TO-YOUR-KEY-PAIR> kali@<MACHINE-PUBLIC-IP>
```

## Connecting via RDP

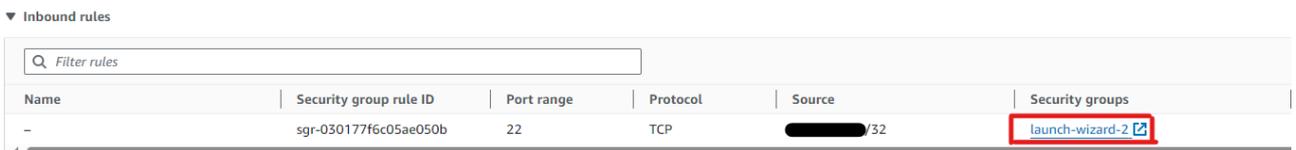
### Allowing RDP connections

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

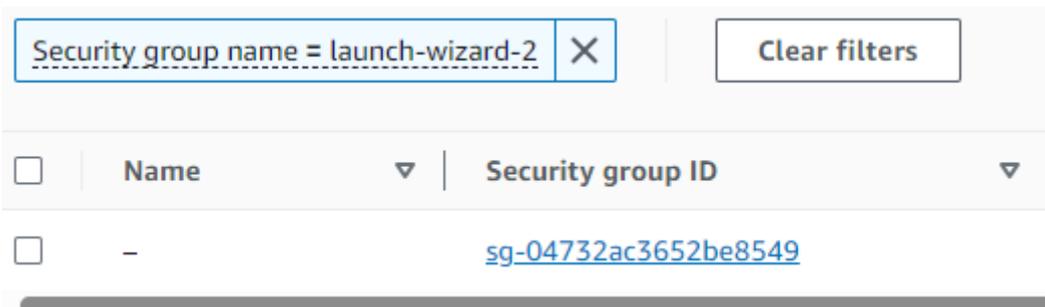
1. Select the **Security** tab from your instance summary



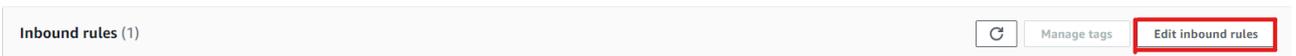
2. Inside **Inbound rules** select the launch wizard for your security group



3. Select the **Security group ID**



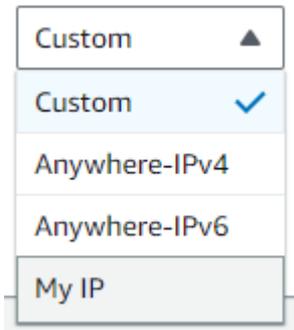
4. Edit inbound rules



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

