

HABIBIE AINUN

Moto situs Anda bisa diletakkan di sini

POSTS

16 OKTOBER 2019

Tugas Rangkuman Diskusi

Telkomsel

Penggunaan Big Data bagi perusahaan Telkomsel itu dapat kita lihat dari Behavior (Tingkah Laku) pelanggannya sehingga Telkomsel dapat menentukan langkah yang tepat untuk kedepannya (Strategi Marketing yang Efektif). Contoh kasus pembelian pulsa/paket internet kemudian dari pembelian pulsa/paket internet dapat dilakukan klasifikasi kelas sehingga telkomsel dapat menawarkan paket yang bisa dinikmati kepada semua kelas.

Contoh lainnya Telkomsel mengetahui informasi mengenai lokasi kita saat berada disuatu tempat misalnya berada di dekat toko A, kemudian Toko A mengirimkan kode promo kepada kita (Jadi secara tidak langsung Telkomsel juga menjalin hubungan/mitra kerja dengan beberapa perusahaan).

Penggunaan Big Data yang ketiga adalah Telkomsel menjadi wadah informasi bagi pelanggan itu sendiri ataupun pemerintah misalnya hal yang paling sering kita alami adalah saat kita kehilangan kartu (Telkomsel)/Hp, disini Telkomsel bisa memeriksa riwayat terakhir/lokasi terakhir kita sehingga kita dapat mengetahui riwayat terakhir/lokasi terakhir kartu tersebut. Kemudian dari segi pemerintah jika seseorang melakukan kejahatan, pemerintah dapat meminta informasi kepada Telkomsel untuk memeriksa segala aktifitas orang tersebut untuk diselidiki.

14 OKTOBER 2019

Tutorial Install Instance Windows

- Pilih WIndows 2019 Base



- Pilih tipe Instances yang anda inginkan, contohnya t2.micro , lalu Review and Launch

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your compu

Filter by: All instance types ▾ Current generation ▾ Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate

Cancel Previous Review and Launch Next

- Klik Launch

Step 7: Review Instance Launch

Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

AMI Details Edit AMI

Microsoft Windows Server 2019 Base - ami-0dbbd6f952e12feba
 Free tier eligible Microsoft Windows 2019 Datacenter edition. [English]
 Root Device Type: ebs Virtualization type: hvm

Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups Edit security groups

Security group name: launch-wizard-11
Description: launch-wizard-11 created 2019-10-14T20:12:50.015+07:00

Cancel Previous Launch

- Anda akan diminta memilih key pair atau membuat key pair baru. Disini saya menggunakan key pair yang sudah ada, lalu centang 1 acknowledge dan pilih Launch Instances

Select an existing key pair or create a new key pair

A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Choose an existing key pair

Select a key pair

Habibie

I acknowledge that I have access to the selected private key file (Habibie.pem), and that without this file, I won't be able to log into my instance.

[Cancel](#) Launch Instances

- Klik View Instances

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can [connect](#) to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- [How to connect to your Windows instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Microsoft Windows Guide](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

[Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)

[Create and attach additional EBS volumes](#) (Additional charges may apply)

[Manage security groups](#)

[View Instances](#)

- Klik tanda pensil , isikan nama yang anda inginkan , klik centang lalu klik Connect pada bagian atas

<input type="checkbox"/>	A	i-017680a4024fa77ea	t2.micro	us-east-1c	● terminated
<input type="checkbox"/>	Ainun3	i-028ada6fc88aff8ec	t2.micro	us-east-1d	● stopped
<input checked="" type="checkbox"/>	<input type="text" value="Ainun4"/>	0c	t2.micro	us-east-1a	● running Initializing
<input type="checkbox"/>	0/255	<input type="button" value="X"/> <input checked="" type="checkbox"/>	ed	t2.micro	us-east-1a ● stopped

- Akan muncul gambar seperti ini , kemudian Buka Remote Desktop Connection

Connect To Your Instance

X

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download Remote Desktop File](#)

When prompted, connect to your instance using the following details:

Public DNS ec2-54-89-152-244.compute-1.amazonaws.com

User name Administrator

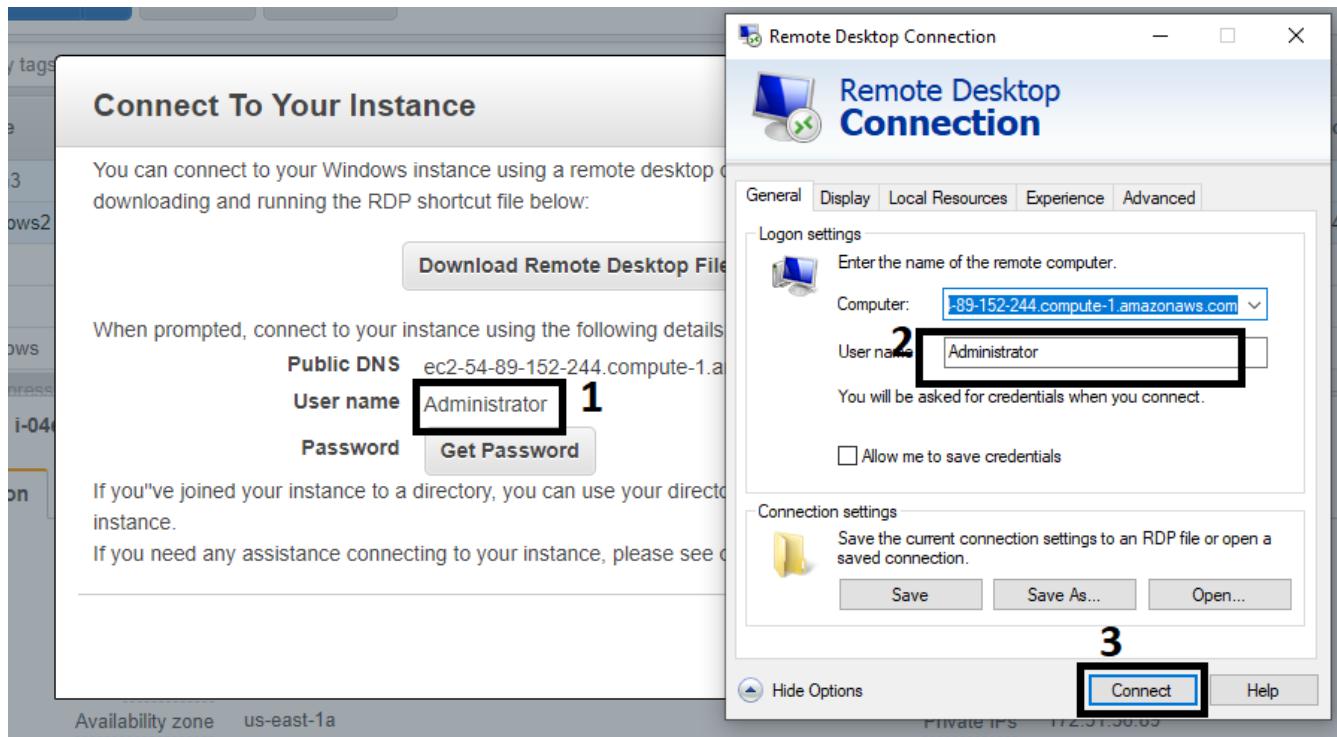
Password Get Password

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

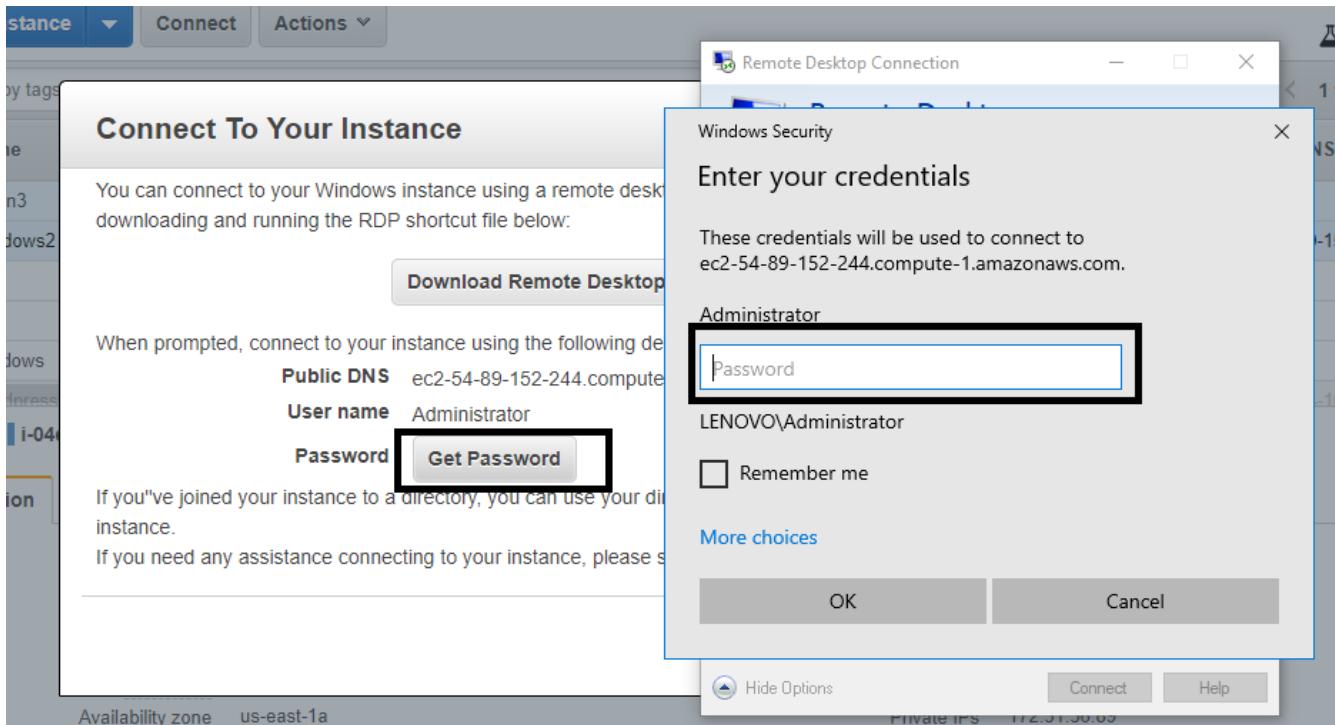
If you need any assistance connecting to your instance, please see our [connection documentation](#).

[Close](#)

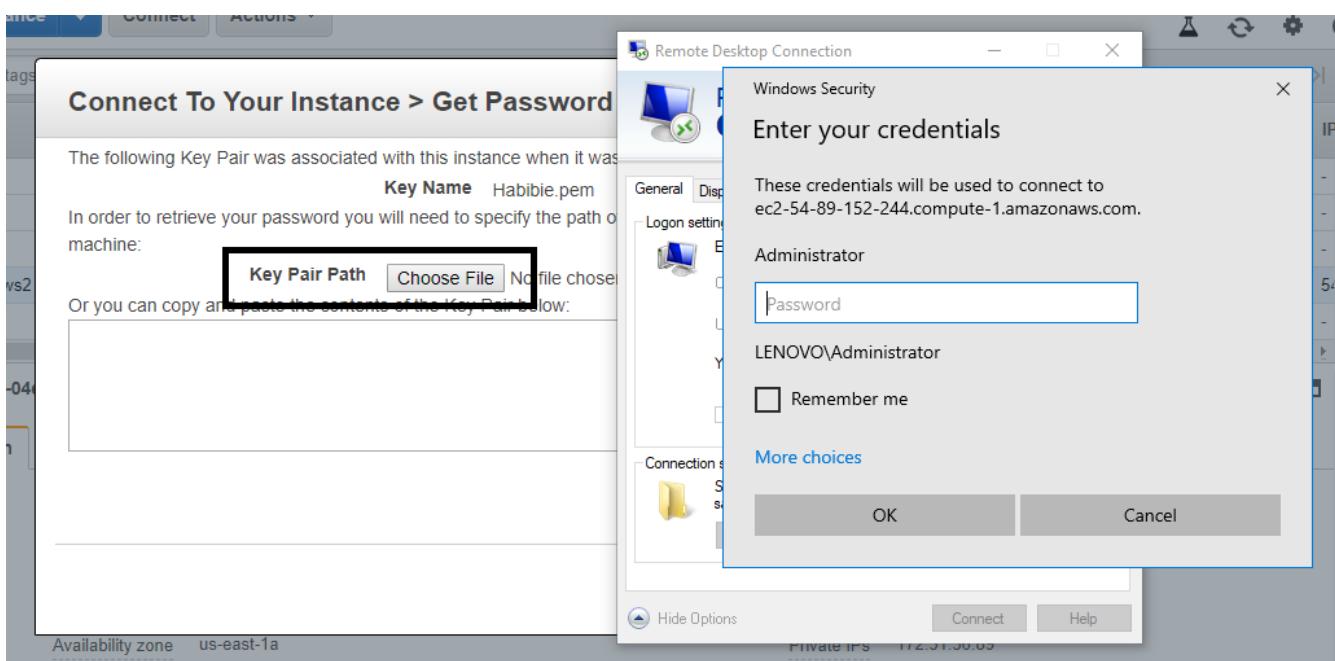
- Copy Username Administrator ke Remote Desktop Connection lalu klik Connect



- Anda kemudian akan diminta memasukkan password untuk itu klik Get Password



- Masukkan Key Pair yang sudah anda buat di awal



- Klik Decrypt Password

Connect To Your Instance > Get Password

The following Key Pair was associated with this instance when it was created.

Key Name Habibie.pem

In order to retrieve your password you will need to specify the path of this Key Pair on your local machine:

Key Pair Path Choose File Habibie.pem

Or you can copy and paste the contents of the Key Pair below:

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAib93Vs3hvxC0QFz4Fw0hrUDPc7tLorpueJaVTug9O/SLV8ULwtbw8jmRtuw
U6Q1SYuuEnhSuarpw41IJ8HNxFumRVx8sMWZWKqgfMOhCbmD0E2NryLz9KL4zfoU1Grxi6sBaCp
59J8mZBX+0qygcJy38UDCw1nQAtoWfaGdZMKazMO2+h3tdUuhK07FTt5FBFFX+oI09dpn23FDPb
IXjhEtv7LPe4XrSxBYQIJ0w53E4iZbth9KA5TNTGHhOhqiDoOadsuCipCaY1Yfs+3xyGca/r1IVG
AQJ9yGjpC4UzQt8p+K213AnIPnqTCXgtvpfzh/CsZCxIjz7T7AVxQIDAQAB
-----END RSA PRIVATE KEY-----
```

Decrypt Password

Back **Close**

Elastic IP -
Availability zone - us-east-1a

- Copy Password lalu masukkan dan klik OK .

Connect To Your Instance

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading the RDP shortcut file below:

Download Remote Desktop File

When prompted, connect to your instance using the following details:

Public DNS	ec2-54-89-152-244.compute-1.amazonaws.com
User name	Administrator
Password	h2mkVw! * kd5xvRHaxgVQFHc%\$28dsFQ

If you've joined your instance to a domain, you will need to provide your domain credentials to connect to your instance.

If you need any assistance connecting to your instance, please see our [connection documentation](#).

Close

Instance type t2.micro
Elastic IP -
Availability zone us-east-1a

Remote Desktop Connection

Windows Security

Enter your credentials

These credentials will be used to connect to ec2-54-89-152-244.compute-1.amazonaws.com.

Administrator

Password

LENOVO\Administrator

Remember me

[More choices](#)

OK **Cancel**

Hide Options Connect Help

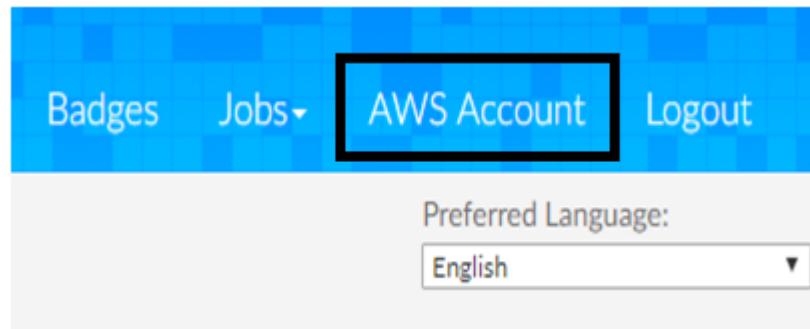
14 OKTOBER 2019

Tutorial Install Instances Linux AMI

Selamat Mencoba

1. Log in pada situs awseducate.com

2. Klik AWS Account seperti gambar dibawah ini



3. Setelah itu, akan muncul gambar seperti di bawah ini lalu klik AWS Educate

The screenshot shows a landing page for the AWS Educate Starter Account. On the left, there is a cartoon illustration of a man with dark skin, curly hair, and a beard, wearing a black hoodie over a plaid shirt and grey pants. He is pointing towards a small icon of a laptop screen. To his right, the text "AWS Educate Starter Account" is displayed in orange. Below this, a message reads: "Your cloud journey has only just begun. Use your AWS Educate Starter Account to access the AWS Console and resources, and start building in the cloud!" Further down, a large orange button with the text "AWS Educate Starter Account" in white is centered. Below the button, a note states: "Your account has an estimated 29 credits remaining and access will end on Oct 8, 2020." At the bottom, a note in smaller text says: "Note: Clicking this button will take you to a third party site managed by Vocareum, Inc. ("Third Party Servicer"). In addition to the AWS Educate terms of service, your use of the AWS Educate Starter Account is governed by the Third Party Servicer's terms, including its Privacy Policy. AWS assumes no responsibility or liability and makes no representations or warranties provided by a Third Party Servicer." A URL at the very bottom is partially visible: "com/main/main.php?m=sso&ssotoken=B6syxwaN8TD1F92wb6EtWUn1RdKlaqWsdFvHP88Whp4m08diD2PkjBM%2BadABE%3D&key=

4. Akan muncul tab baru yakni vocareum maka selanjutnya adalah kita mengklik AWS Console

Welcome to your AWS Educate Account

AWS Educate provides you with access to a wide variety of AWS Services for you to get your hands on and build on AWS! To get started, click on the AWS Console button to log in to your AWS console.

Please read the FAQ below to help you get started on your Starter Account.

- What are the list of services supported?

- What regions are supported with Starter Accounts or Classroom Accounts?

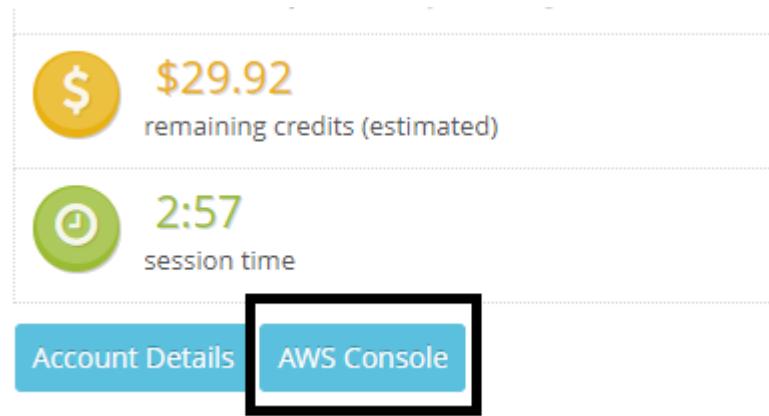
Your AWS Account Status

Active
full access (putriainunsyahrani@gmail.com)

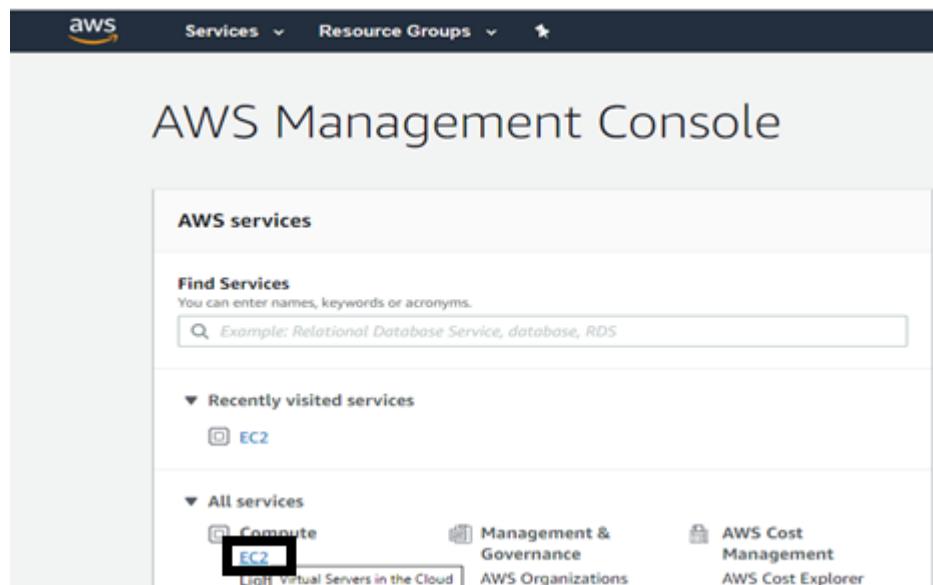
\$29.92
remaining credits (estimated)

2:59
session time

[Account Details](#) [AWS Console](#)



5. Kita akan diarahkan ke tab baru lagi yakni console.aws.amazon.com, lalu klik EC2 pada Menu AWS Services



6. Klik Lauch Instance

The screenshot shows the AWS EC2 Dashboard. On the left, there's a sidebar with navigation links: Events, Tags, Reports, Limits, INSTANCES (with sub-links: Instances, Launch Templates, Spot Requests, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations), and IMAGES (with sub-links: AMIs, Bundle Tasks). The main area is titled 'Resources' and displays the following summary:

- 0 Running Instances
- 0 Dedicated Hosts
- 2 Volumes
- 1 Key Pairs
- 0 Placement Groups

Below this, there's a call-to-action box with the text "Learn more about the latest in" and a large blue "Launch Instance" button.

7. Klik Amazon Linux AMI 2008.03.0

The screenshot shows the AWS AMI selection screen. On the left, there's a sidebar with "Quick Start" and links: My AMIs, AWS Marketplace, Community AMIs, and a "Free tier only" checkbox. The main area lists two AMI options:

- Amazon Linux 2 AMI (HVM), SSD Volume Type** - ami-0b69ea56ff7391e80 (64-bit x86) / ami-09c61c4850b7465cb (64-bit Arm)
 - Description: Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.
 - Root device type: ebs
 - Virtualization type: hvm
 - ENI Enabled: Yes
- Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type** - ami-00eb20669e0990cb4
 - Description: The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.
 - Root device type: ebs
 - Virtualization type: hvm
 - ENI Enabled: Yes

Both options have a "Select" button to the right. The second option's "Select" button is highlighted with a black rectangle.

8. Memilih Instances Type , disini saya mencoba typet2.micro lalu Review and Launch

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate

Cancel Previous Review and Launch Next: Configure

Feedback English (US) © 2008 - 2019, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy

9. Klik Lauch

AMI Details Edit AMI

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-00eb20669e0990cb4

Free tier eligible The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root Device Type: ebs Virtualization type: hvm

Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Security Groups Edit security groups

Cancel Previous Launch

10. Membuat Key Pair, disini key pair akan digunakan untuk mengaktifkan instancenya. Jika kita belum punya key pair maka terlebih dahulu kita membuatnya dengan cara mengganti choose an exiting key pair dengan create new key pair lalu isikan nama key pair yang anda inginkan kemudian klik download, namun jika kita sudah punya maka langsung saja mengklik *Lauch and Instances*.

Select an existing key pair or create a new key pair



A key pair consists of a **public key** that AWS stores, and a **private key file** that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about [removing existing key pairs from a public AMI](#).

Choose an existing key pair

Select a key pair

Habibie

I acknowledge that I have access to the selected private key file (Habibie.pem), and that without this file, I won't be able to log into my instance.

Cancel

Launch Instances

11. Klik View Instances

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- How to connect to your Linux instance
- Learn about AWS Free Usage Tier
- Amazon EC2: User Guide
- Amazon EC2: Discussion Forum

While your instances are launching you can also

- Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)
- Create and attach additional EBS volumes (Additional charges may apply)
- Manage security groups

View Instances

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
C	i-00504e3d086c46295	t2.micro	us-east-1c	stopped	None	alarms
A	i-017680a4024fa77ea	t2.micro	us-east-1c	stopped	None	alarms
D	i-017680a4024fa77ea	t2.micro	us-east-1c	running	Initializing	None
1/255		t2.micro	us-east-1d	stopped	None	alarms
Oke	i-0598cb6604bf92ded	t2.micro	us-east-1a	stopped	None	alarms

12. Klik tanda pensil kemudian isi nama yang anda inginkan, lalu klik Connect

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
C	i-00504e3d086c46295	t2.micro	us-east-1c	stopped	None	alarms
A	i-017680a4024fa77ea	t2.micro	us-east-1c	stopped	None	alarms
D	i-017680a4024fa77ea	t2.micro	us-east-1c	running	Initializing	None
1/255		t2.micro	us-east-1d	stopped	None	alarms
Oke	i-0598cb6604bf92ded	t2.micro	us-east-1a	stopped	None	alarms

13. Setelah itu Copy Kode SSH

Connect To Your Instance



I would like to connect with

- A standalone SSH client [\(i\)](#)
- EC2 Instance Connect (browser-based SSH connection) [\(i\)](#)
- A Java SSH Client directly from my browser (Java required) [\(i\)](#)

To access your instance:

1. Open an SSH client. (find out how to [connect using PuTTY](#))
2. Locate your private key file (Habibie.pem). The wizard automatically detects the key you used to launch the instance.
3. Your key must not be publicly viewable for SSH to work. Use this command if needed:

```
chmod 400 Habibie.pem
```

4. Connect to your instance using its Public DNS:

```
ec2-54-234-153-42.compute-1.amazonaws.com
```

Example:

```
ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com
```

Please note that in most cases the username above will be correct, however please ensure that you read your AMI usage instructions to ensure that the AMI owner has not changed the default AMI username.

14. Buka CMD lalu Paste kode SSH tadi

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.18362.356]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\LENOVO>cd downloads

C:\Users\LENOVO\Downloads>ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com
```

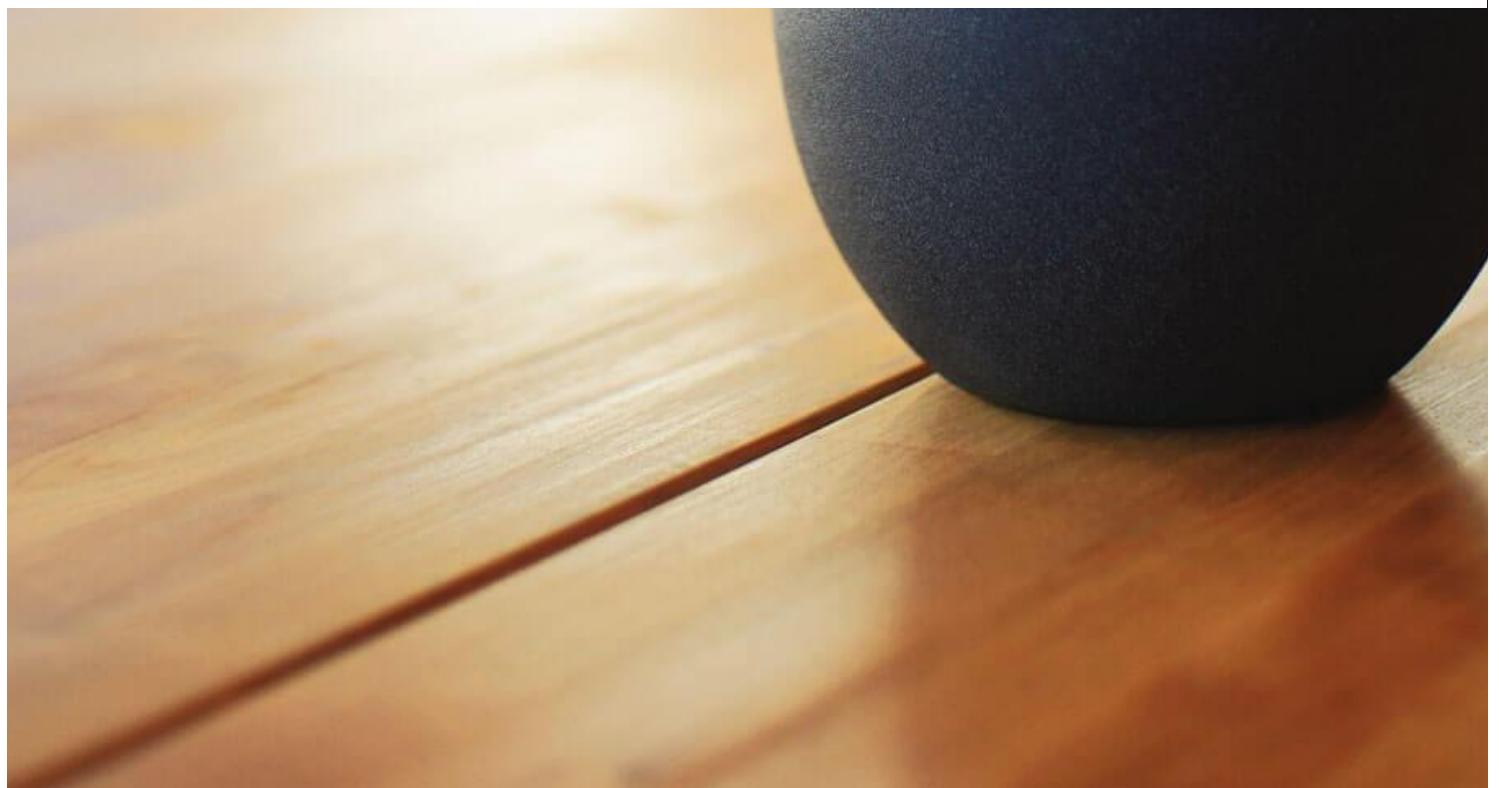
15. Setelah itu maka Instances Linux AMI anda sudah terhubung

```
ec2-user@ip-172-31-86-249:~  
Microsoft Windows [Version 10.0.18362.356]  
(c) 2019 Microsoft Corporation. All rights reserved.  
  
C:\Users\LENOVO>cd downloads  
  
C:\Users\LENOVO\Downloads>ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com  
The authenticity of host 'ec2-54-234-153-42.compute-1.amazonaws.com (54.234.153.42)' can't be established.  
ECDSA key fingerprint is SHA256:Es755EB2Y5WDzz9JD/2TyN0+SK33p8GeKKH11i3eGRg.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added 'ec2-54-234-153-42.compute-1.amazonaws.com,54.234.153.42' (ECDSA) to the list of known hosts.  
  
_ _| _ _|_ )  
_ | ( _ / Amazon Linux AMI  
_ _| \_ | _ |  
  
https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/  
4 package(s) needed for security, out of 10 available  
Run "sudo yum update" to apply all updates.  
[ec2-user@ip-172-31-86-249 ~]$
```

14 OKTOBER 2019

Halo dunia!

Selamat datang di WordPress. Ini adalah pos pertama Anda. Edit atau hapus pos ini, lalu mulailah menulis!



Tugas Rangkuman Diskusi

Telkomsel

Penggunaan Big Data bagi perusahaan Telkomsel itu dapat kita lihat dari Behavior (Tingkah Laku) pelanggannya sehingga Telkomsel dapat menentukan langkah yang tepat untuk kedepannya (Strategi Marketing yang Efektif). Contoh kasus pembelian pulsa/paket internet kemudian dari pembelian pulsa/paket internet dapat dilakukan klasifikasi kelas sehingga telkomsel dapat menawarkan paket yang bisa dinikmati kepada semua kelas.

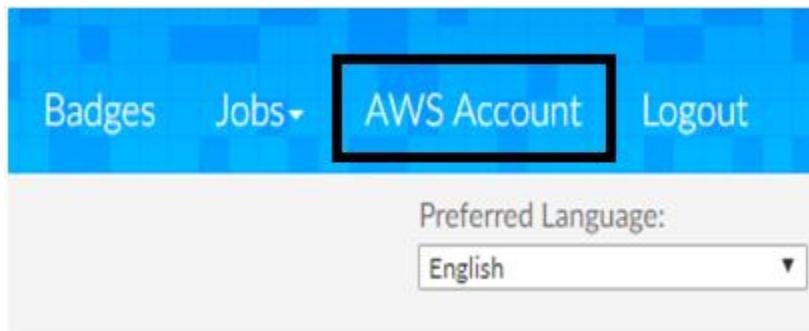
Contoh lainnya Telkomsel mengetahui informasi mengenai lokasi kita saat berada disuatu tempat misalnya berada di dekat toko A , kemudian Toko A mengirimkan kode promo kepada kita (Jadi secara tidak langsung Telkomsel juga menjalin hubungan/mitra kerja dengan beberapa perusahaan).

Penggunaan Big Data yang ketiga adalah Telkomsel menjadi wadah informasi bagi pelanggan itu sendiri ataupun pemerintah misalnya hal yang paling sering kita alami adalah saat kita kehilangan kartu (Telkomsel)/Hp, disini Telkomsel bisa memeriksa riwayat terakhir/lokasi terakhir kita sehingga kita dapat mengetahui riwayat terakhir/lokasi terakhir kartu tersebut. Kemudian dari segi pemerintah jika seseorang melakukan kejahatan, pemerintah dapat meminta informasi kepada Telkomsel untuk memeriksa segala aktifitas orang tersebut untuk diselidiki.

Tutorial Install Instances Linux AMI

Selamat Mencoba

1. Log in pada situs awseducate.com
2. Klik AWS Account seperti gambar dibawah ini



3. Setelah itu, akan muncul gambar seperti di bawah ini lalu klik AWS Educate

AWS Educate Starter Account

Your cloud journey has only just begun. Use your AWS Educate Starter Account to access the AWS Console and resources, and start building in the cloud!

AWS Educate Starter Account

Your account has an estimated **29** credits remaining and access will end on **Oct 8, 2020**.

Note: Clicking this button will take you to a third party site managed by Vocareum, Inc. ("Third Party Servicer"). In addition to the AWS Educate terms of service, your use of the AWS Educate Starter Account is governed by the Third Party Servicer's terms, including its Privacy Policy. AWS assumes no responsibility or liability and makes no representations or warranties regarding the services provided by a Third Party Servicer.

4. Akan muncul tab baru yakni vocareum maka selanjutnya adalah kita mengklik AWS Console

The screenshot shows the Vocabareum AWS Educate Account landing page. On the left, there's a section titled "Welcome to your AWS Educate Account" with a message about getting started and links for FAQ and account details. On the right, there's a "Your AWS Account Status" summary. It includes a user icon labeled "Active" with "full access (putriainunsyahrahi@gmail.com)", a dollar sign icon showing "\$29.92 remaining credits (estimated)", and a clock icon showing "2:59 session time". At the bottom, there are "Account Details" and "AWS Console" buttons, with the "AWS Console" button being highlighted with a black rectangle.

5. Kita akan diarahkan ke tab baru lagi yakni console.aws.amazon.com, lalu klik EC2 pada Menu AWS Services

The screenshot shows the AWS Management Console homepage. The top navigation bar has the AWS logo, "Services" dropdown, and "Resource Groups" dropdown. Below the header, the main title is "AWS Management Console". Underneath, there's a "AWS services" section with a "Find Services" search bar. The "Recently visited services" section shows "EC2" with a small square icon. The "All services" section lists several services: "Compute" (with "EC2" highlighted and a black rectangle), "Management & Governance", "AWS Organizations", "AWS Cost Management", and "AWS Cost Explorer".

6. Klik Launch Instance

The screenshot shows the AWS EC2 Dashboard. On the left, there's a sidebar with navigation links: EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES (with sub-links: Instances, Launch Templates, Spot Requests, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations), and IMAGES (with sub-links: AMIs, Bundle Tasks). The main area is titled 'Resources' and displays summary statistics: 0 Running Instances, 0 Dedicated Hosts, 2 Volumes, 1 Key Pairs, and 0 Placement Groups. Below this is a 'Learn more about the latest in...' box. A large 'Create Instance' section follows, containing the text: 'To start using Amazon EC2 you will need to choose an Amazon Machine Image (AMI), which is a ready-to-use server, known as an Amazon EC2 instance, with pre-installed software and drivers. You can choose from a wide variety of Amazon Linux, Red Hat Enterprise Linux, Ubuntu, Microsoft Windows Server, and other AMIs.' At the bottom of this section is a prominent blue 'Launch Instance' button.

7. Klik Amazon Linux AMI 2008.03.0

The screenshot shows the 'Quick Start' interface for selecting an AMI. The left sidebar includes links for My AMIs, AWS Marketplace, Community AMIs, and a 'Free tier only' filter. The main area lists two AMI options: 'Amazon Linux 2 AMI (HVM), SSD Volume Type' and 'Amazon Linux AMI 2008.03.0 (HVM), SSD Volume Type'. The second option is highlighted with a black rectangle around its 'Select' button. Both entries provide details like volume type, AMI ID, and architecture (x86 or Arm). The 'Amazon Linux 2 AMI' entry also notes it comes with five years support and provides optimal performance.

8. Memilih Instances Type , disini saya mencoba type t2.micro lalu Review and Launch

The screenshot shows the AWS Lambda console interface for selecting an instance type. The 'Currently selected' row is highlighted with a black box, showing 't2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)'. The 'Review and Launch' button at the bottom right is also highlighted with a black box.

Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
General purpose	t2.small	1	2	EBS only	-	Low to Moderate
General purpose	t2.medium	2	4	EBS only	-	Low to Moderate

Buttons at the bottom: Cancel, Previous, Review and Launch (highlighted), Next: Configure.

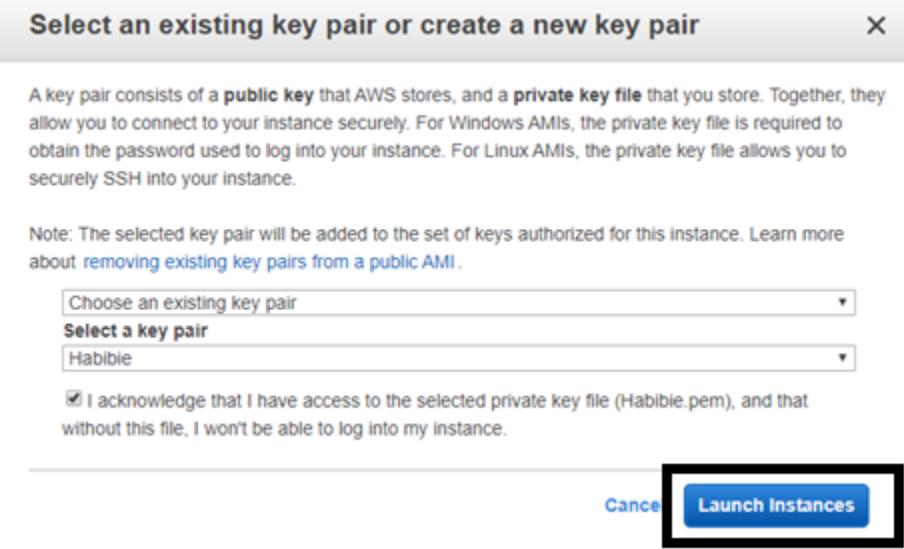
9. Klik Lauch

The screenshot shows the AWS Lambda console interface for launching a new function. The 'AMIs Details' section is expanded, showing 'Amazon Linux AMI 2018.03.0 (HVM, SSD Volume Type - ami-00eb20669e0990cb4)' and noting it is 'Free tier eligible'. The 'Instance Type' section is expanded, showing a table with one row for 't2.micro'. The 'Security Groups' section is expanded, showing a table with one row. The 'Launch' button at the bottom right is highlighted with a black box.

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

Buttons at the bottom: Cancel, Previous, Launch (highlighted).

10. Membuat Key Pair, disini key pair akan digunakan untuk mengaktifkan instancenya. Jika kita belum punya key pair maka terlebih dahulu kita membuatnya dengan cara mengganti choose an exiting key pair dengan create new key pair lalu isikan nama key pair yang anda inginkan kemudian klik download, namun jika kita sudah punya maka langsung saja mengklik *Lauch and Instances*.



11. Klik View Instances

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click **View Instances** to monitor your instances' status. Once your instances are in the **running** state, you can **connect** to them from the Instances screen. [Find out](#) how to connect to your instances.

- ▼ Here are some helpful resources to get you started

- How to connect to your Linux instance
- Amazon EC2: User Guide
- Learn about AWS Free Usage Tier
- Amazon EC2: Discussion Forum

While your instances are launching you can also

Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)

Create and attach additional EBS volumes (Additional charges may apply)

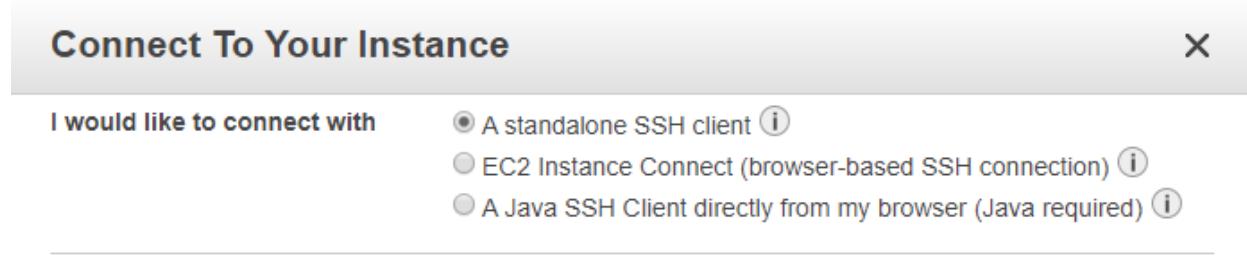
Manage security groups

View Instances

12. Klik tanda pensil kemudian isi nama yang anda inginkan, lalu klik Connect

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status
C	i-00504e3d086c46295	t2.micro	us-east-1c	● stopped		None
A	i-017680a4024fa77a	t2.micro	us-east-1c	● stopped		None
D	i-017680a4024fa77a	t2.micro	us-east-1c	● running	⌚ Initializing	None
1/255	i-017680a4024fa77a	t2.micro	us-east-1d	● stopped		None
Oke	i-0598c66604bf92ded	t2.micro	us-east-1a	● stopped		None

13. Setelah itu Copy Kode SSH



4. Connect to your instance using its Public DNS:

`ec2-54-234-153-42.compute-1.amazonaws.com`

Example:

```
ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com
```

Please note that in most cases the username above will be correct, however please ensure that you read your AMI usage instructions to ensure that the AMI owner has not changed the default AMI username.

14. Buka CMD lalu Paste kode SSH tadi

```
C:\ Command Prompt
Microsoft Windows [Version 10.0.18362.356]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\LENOVO>cd downloads

C:\Users\LENOVO\Downloads>ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com
```

```
ec2-user@ip-172-31-86-249:~ - □ X
Microsoft Windows [Version 10.0.18362.356]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\LENOVO>cd downloads

C:\Users\LENOVO\Downloads>ssh -i "Habibie.pem" ec2-user@ec2-54-234-153-42.compute-1.amazonaws.com
The authenticity of host 'ec2-54-234-153-42.compute-1.amazonaws.com (54.234.153.42)' can't be established.
ECDSA key fingerprint is SHA256:Es755EB2Y5WDz9JD/2TyNO+SK33p8GeKKHl1i3eGRg.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-54-234-153-42.compute-1.amazonaws.com,54.234.153.42' (ECDSA) to the list of known hosts.

 _|_(_|-_) / Amazon Linux AMI
 __|_\_|__|_

https://aws.amazon.com/amazon-linux-ami/2018.03-release-notes/
4 package(s) needed for security, out of 10 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-86-249 ~]$
```

15. Setelah itu maka Instances Linux AMI anda sudah terhubung

Tutorial Install Instance Windows

- Pilih Windows 2019 Base

The screenshot shows the AWS Lambda console interface. Two instance types are listed:

- Ubuntu Server 16.04 LTS (HVM), SSD Volume Type** - ami-04763b3055de4860b (64-bit x86) / ami-02ca3cadcb293e21 (64-bit Arm)
Free tier eligible
Ubuntu Server 16.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes
- Microsoft Windows Server 2019 Base** - ami-0dbbd6f952e12feba
Windows Free tier eligible
Microsoft Windows 2019 Datacenter edition. [English]
Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Both instances have a "Select" button next to them, with the Microsoft Windows instance's button highlighted.

- Pilih tipe Instances yang anda inginkan, contohnya t2.micro, lalu Review and Launch

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your compute needs.

The screenshot shows the "Choose an Instance Type" step of the AWS Lambda wizard. The "t2.micro" instance is selected, indicated by a blue border around its row. The table includes columns for Family, Type, vCPUs, Memory (GiB), Instance Storage (GB), EBS-Optimized Available, and Network Performance.

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro <small>Free tier eligible</small>	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate

Buttons at the bottom include "Cancel", "Previous", "Review and Launch" (which is highlighted with a black box), and "Next".

- Klik Launch

Step 7: Review Instance Launch

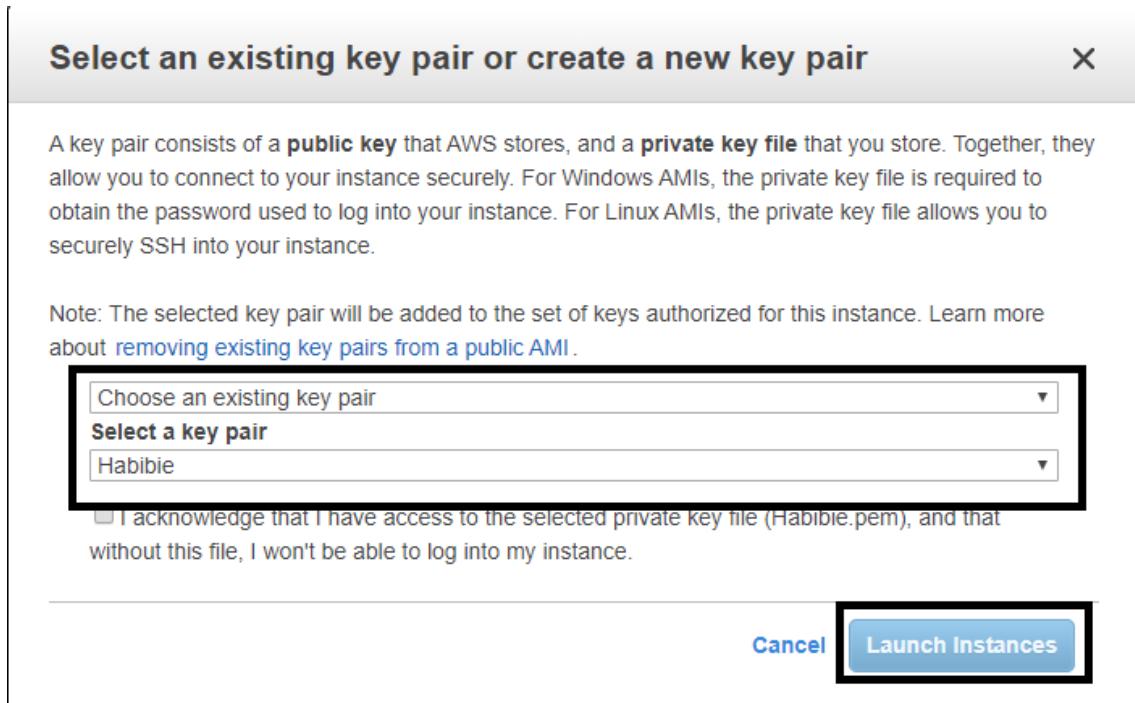
Please review your instance launch details. You can go back to edit changes for each section. Click **Launch** to assign a key pair to your instance and complete the launch process.

The screenshot shows the "Review Instance Launch" step of the AWS Lambda wizard. It displays the following sections:

- AMI Details:** Shows the selected AMI: Microsoft Windows Server 2019 Base - ami-0dbbd6f952e12feba, with a "Free tier eligible" badge. Root Device Type: ebs, Virtualization type: hvm.
- Instance Type:** Shows the selected instance type: t2.micro, with a "Variable" ECUs value, 1 vCPU, 1 GiB Memory, EBS only storage, and Low to Moderate network performance.
- Security Groups:** Shows the selected security group: launch-wizard-11, created on 2019-10-14T20:12:50.015+07:00.

At the bottom, there are "Cancel", "Previous", and "Launch" buttons, with the "Launch" button highlighted with a black box.

- Anda akan diminta memilih key pair atau membuat key pair baru. Disini saya menggunakan key pair yang sudah ada, lalu centang 1 acknowledge dan pilih Launch Instances



- Klik View Instances

How to connect to your instances

Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

Click [View Instances](#) to monitor your instances' status. Once your instances are in the **running** state, you can [connect](#) to them from the Instances screen. [Find out](#) how to connect to your instances.

▼ Here are some helpful resources to get you started

- | | |
|---|---|
| • How to connect to your Windows instance | • Amazon EC2: User Guide |
| • Learn about AWS Free Usage Tier | • Amazon EC2: Microsoft Windows Guide |
| | • Amazon EC2: Discussion Forum |

While your instances are launching you can also

[Create status check alarms](#) to be notified when these instances fail status checks. (Additional charges may apply)

[Create and attach additional EBS volumes](#) (Additional charges may apply)

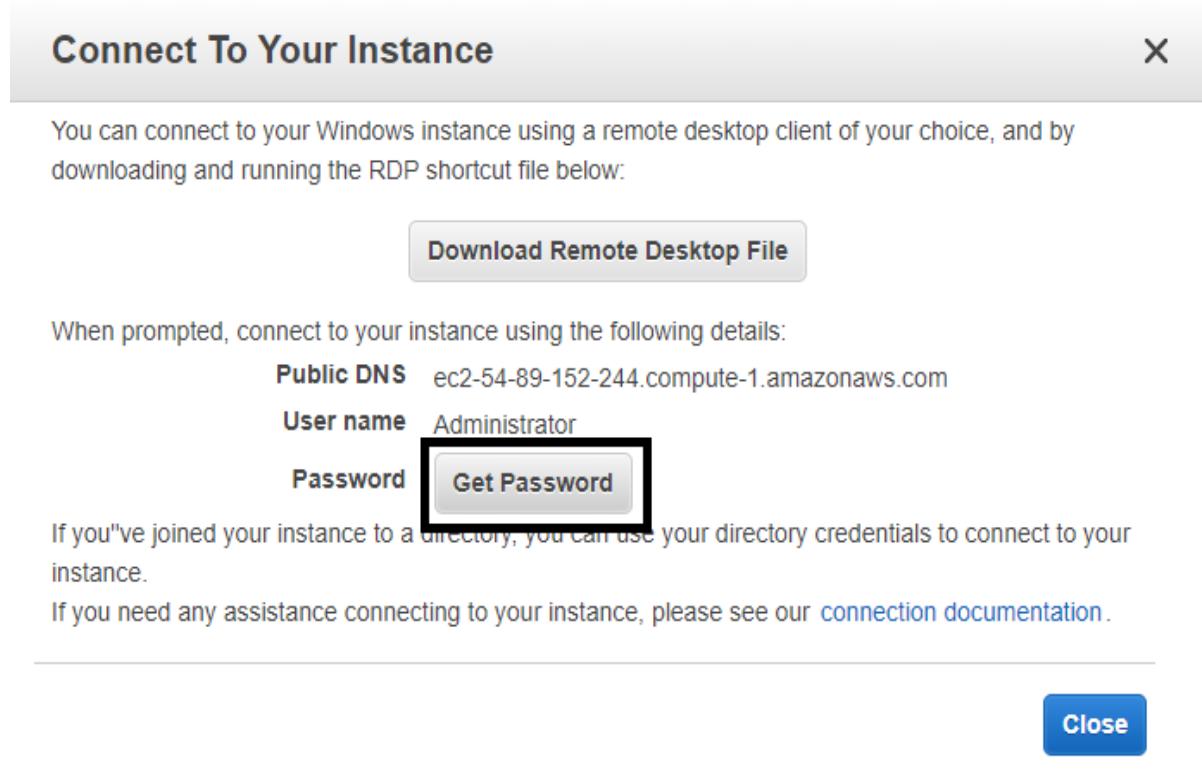
[Manage security groups](#)

View Instances

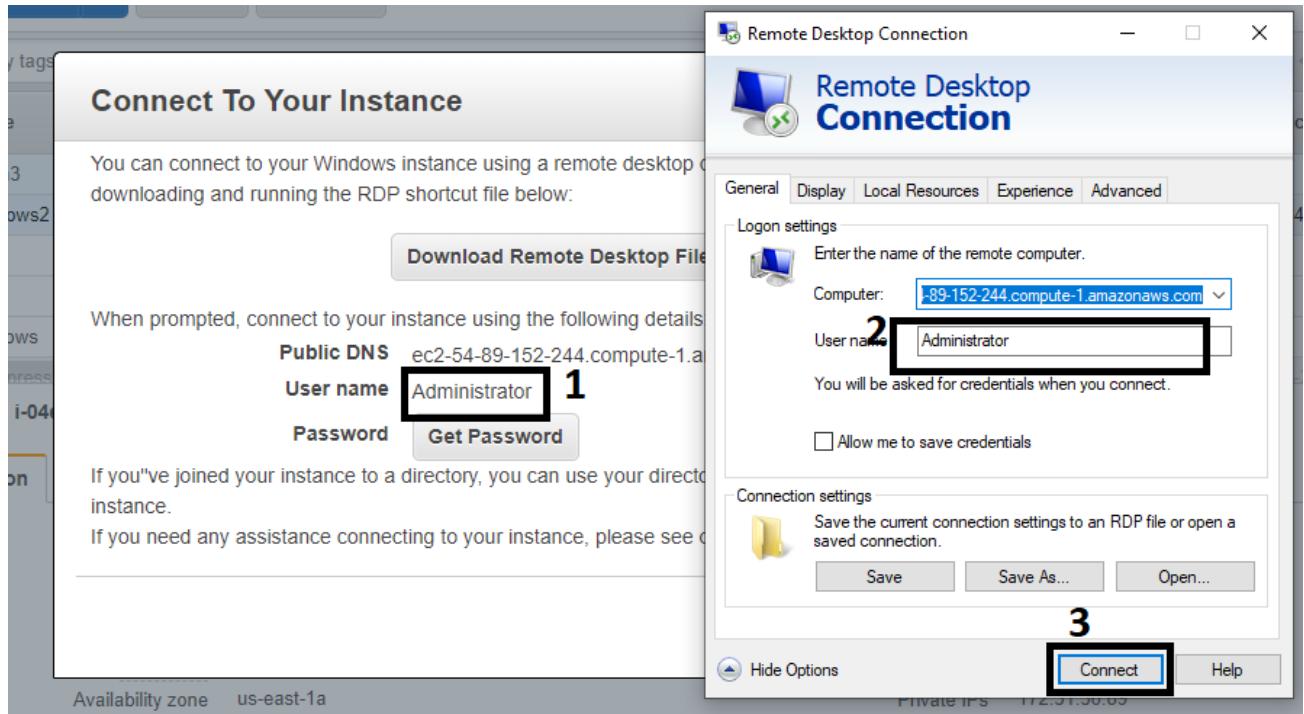
- Klik tanda pensil , isi nama yang anda inginkan, klik centang lalu klik Connect pada bagian atas

<input type="checkbox"/>	A	i-017680a4024fa77ea	t2.micro	us-east-1c	● terminated
<input type="checkbox"/>	Ainun3	i-028ada6fc88aff8ec	t2.micro	us-east-1d	● stopped
<input checked="" type="checkbox"/>	<input type="text" value=""/>	0c	t2.micro	us-east-1a	● running Initializing
<input type="checkbox"/>	0/255	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	t2.micro	us-east-1a	● stopped

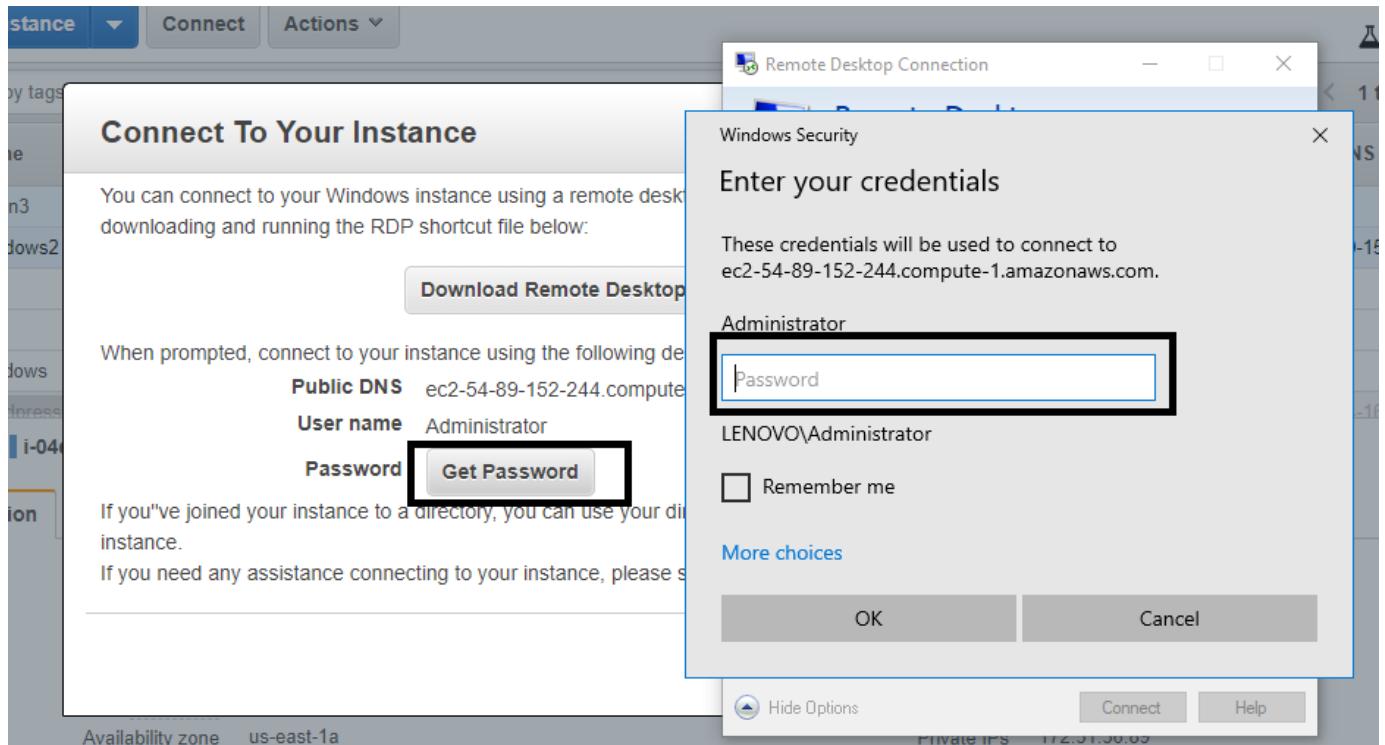
- Akan muncul gambar seperti ini , kemudian Buka Remote Desktop Connection



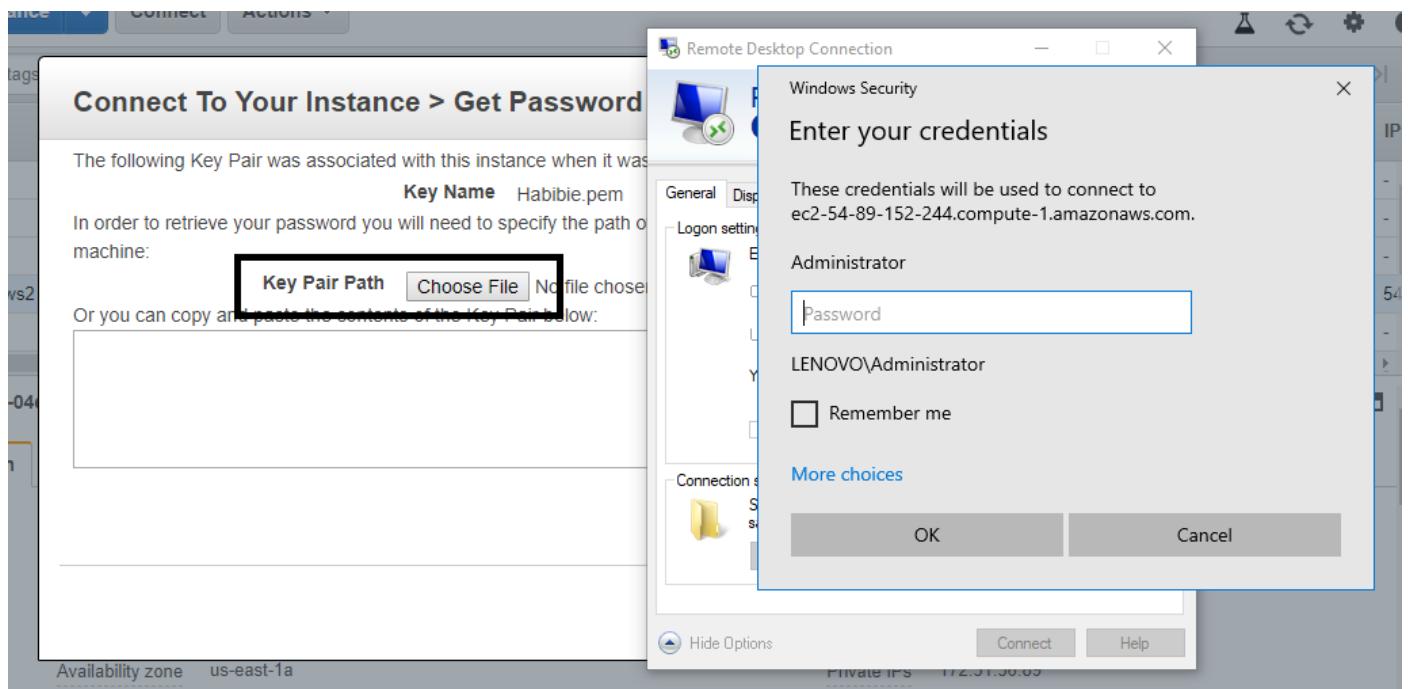
- Copy Username Administrator ke Remote Desktop Connection lalu klik Connect



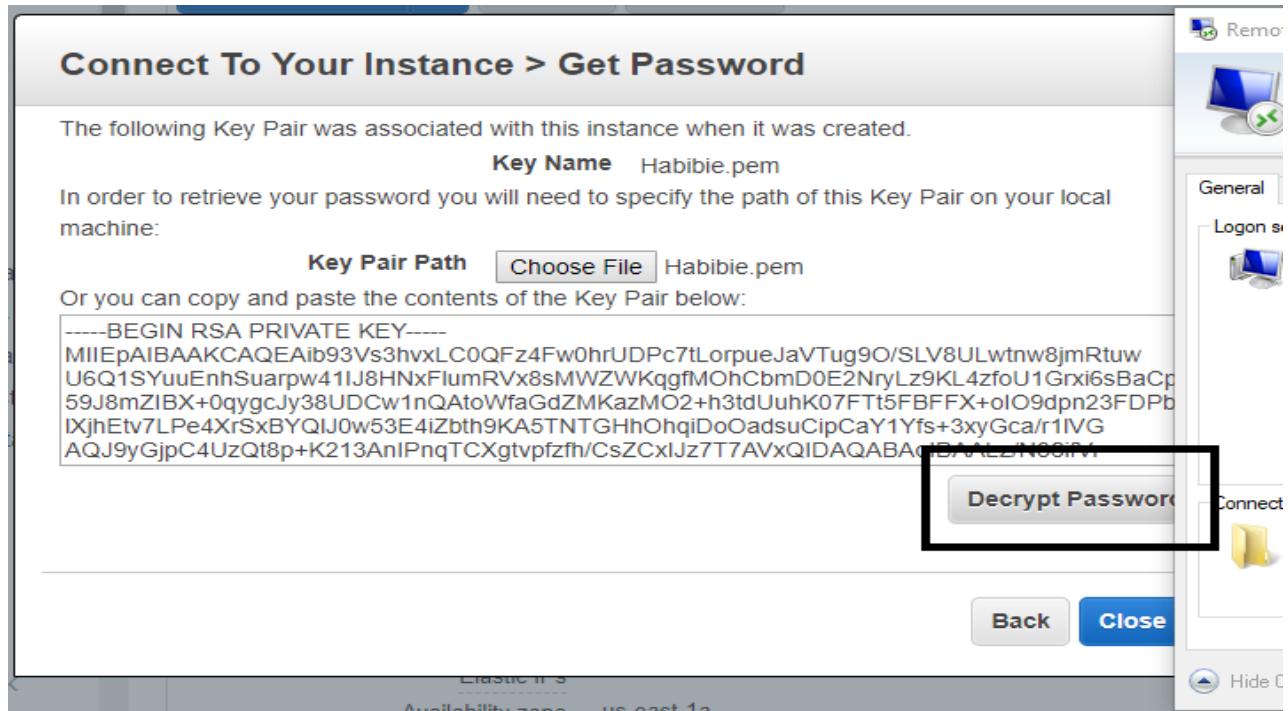
- Anda kemudian akan diminta memasukkan password untuk itu klik Get Password



- Masukkan Key Pair yang sudah anda buat di awal



- Klik Decrypt Password



- Copy Password lalu masukkan dan klik OK .

