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How to connect with windows on aws using SSH

- Lakukan langkah-langkah seperti pada linux (<http://100.24.170.34/2019/10/15/how-to-connect-to-linux-in-aws-using-ssh/>). Kemudian pada step memilih OS, pilih Windows

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Quick Start (19)

Image	Name	Description	Select
Windows	Microsoft Windows Server 2019 Base - ami-0dbbd6f952e12feba	Microsoft Windows 2019 Datacenter edition. [English] Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	64-bit (x86)
Windows	Microsoft Windows Server 2019 Base with Containers - ami-0b8d82dea356226d3	Microsoft Windows 2019 Datacenter edition with Containers. [English] Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	64-bit (x86)
Windows	Microsoft Windows Server 2019 with SQL Server 2017 Standard - ami-0ef5fc96ebbe25a	Microsoft Windows 2019 Datacenter edition, Microsoft SQL Server 2017 Standard. [English] Root device type: ebs Virtualization type: hvm ENA Enabled: Yes	64-bit (x86)
Windows	Microsoft Windows Server 2019 with SQL Server 2016 Standard - ami-052a2a9b5b8c5d7c5	Microsoft Windows 2019 Datacenter edition, Microsoft SQL Server 2016 Standard. [English]	64-bit (x86)

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- Kemudian klik ‘Review and Launch’ untuk mulai Launch dan pilih ‘Next : Configure Instance Details untuk mengedit spek mesin’

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 CPU, memory, storage, and 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 computing needs.

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	IPv6 Support
<input checked="" type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes

The screenshot shows a table of AWS instance types:

	General purpose	i2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
	General purpose	i2.small	1	2	EBS only	-	Low to Moderate	Yes
	General purpose	i2.medium	2	4	EBS only	-	Low to Moderate	Yes
	General purpose	i2.large	2	8	EBS only	-	Low to Moderate	Yes
	General purpose	i2.xlarge	4	16	EBS only	-	Moderate	Yes
	General purpose	i2.2xlarge	8	32	EBS only	-	Moderate	Yes
	General purpose	i3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

Buttons at the bottom: Cancel, Previous, Review and Launch, Next: Configure Instance Details.

- Buat keypair atau gunakan keypair yang telah ada, kemudian ‘Launch Instances’

The screenshot shows the Step 7: Review Instance Launch wizard. A modal dialog titled "Select an existing key pair or create a new key pair" is open. It contains instructions about key pairs and a dropdown menu for selecting a key pair, with "cendoll" selected. A note says: "You have to download the private key file (*.pem file) before you can continue. Store it in a secure and accessible location. You will not be able to download the file again after it's created." Buttons at the bottom of the modal are "Cancel" and "Launch Instances".

The main page shows the following configuration:

- AMI Details:** Microsoft Windows Server 2019 Base - ami-0d668ea86f241d062 (Free tier eligible)
- Instance Type:** i2.micro
- Security Groups:** launch-wizard-8

Buttons at the bottom: Edit AMI, Edit instance type, Edit security groups, Edit instance details, Cancel, Previous, Launch.

- Klik view instance

The screenshot shows the Launch Status page. It displays a message: "The following instance launches have been initiated: i-0d668ea86f241d062 View launch log". Below this, there is a note about estimated charges: "Get notified of estimated charges Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier)".

Text at the bottom: "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)

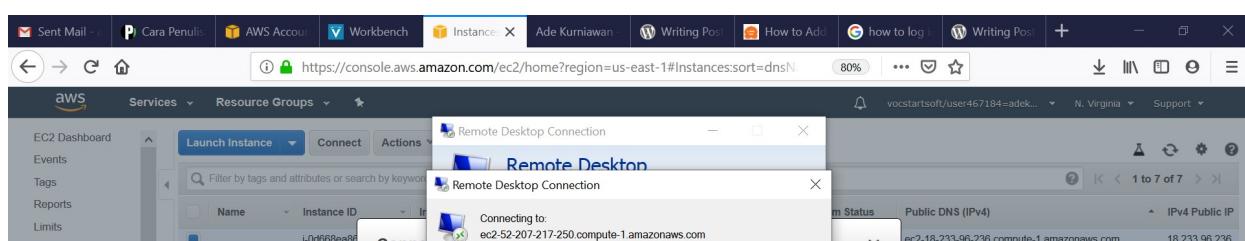
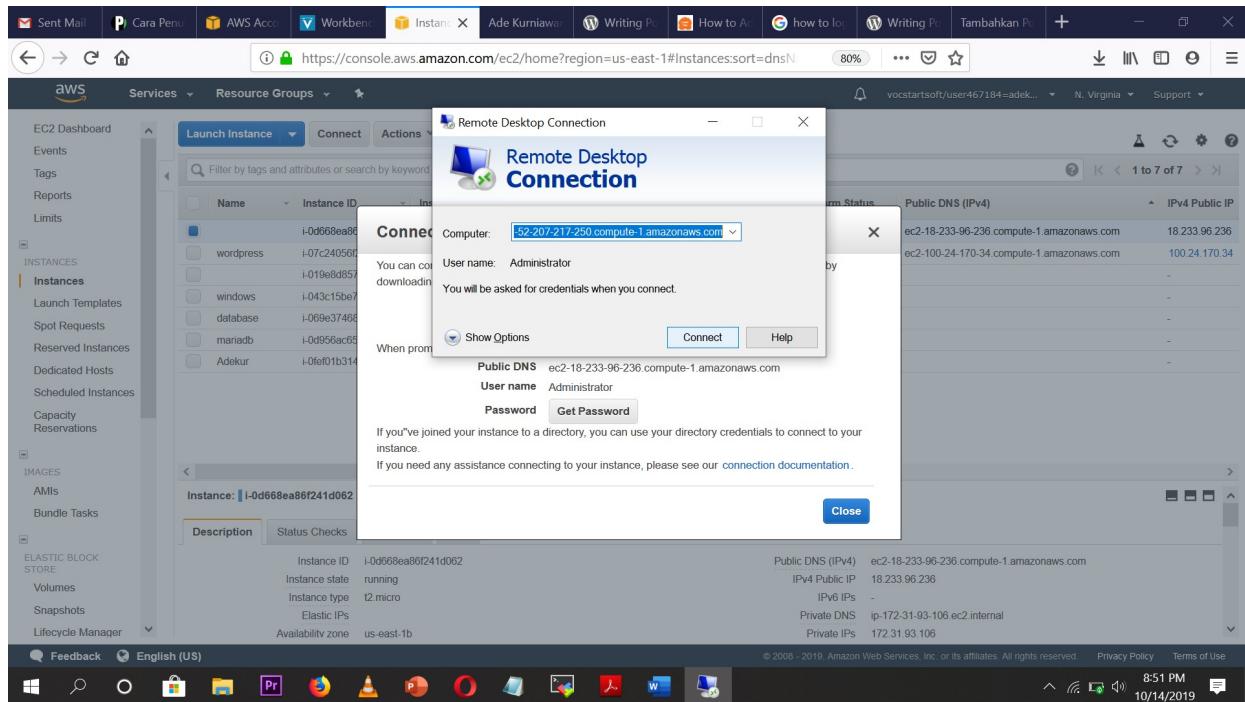
Create and attach additional EBS volumes (Additional charges may apply)

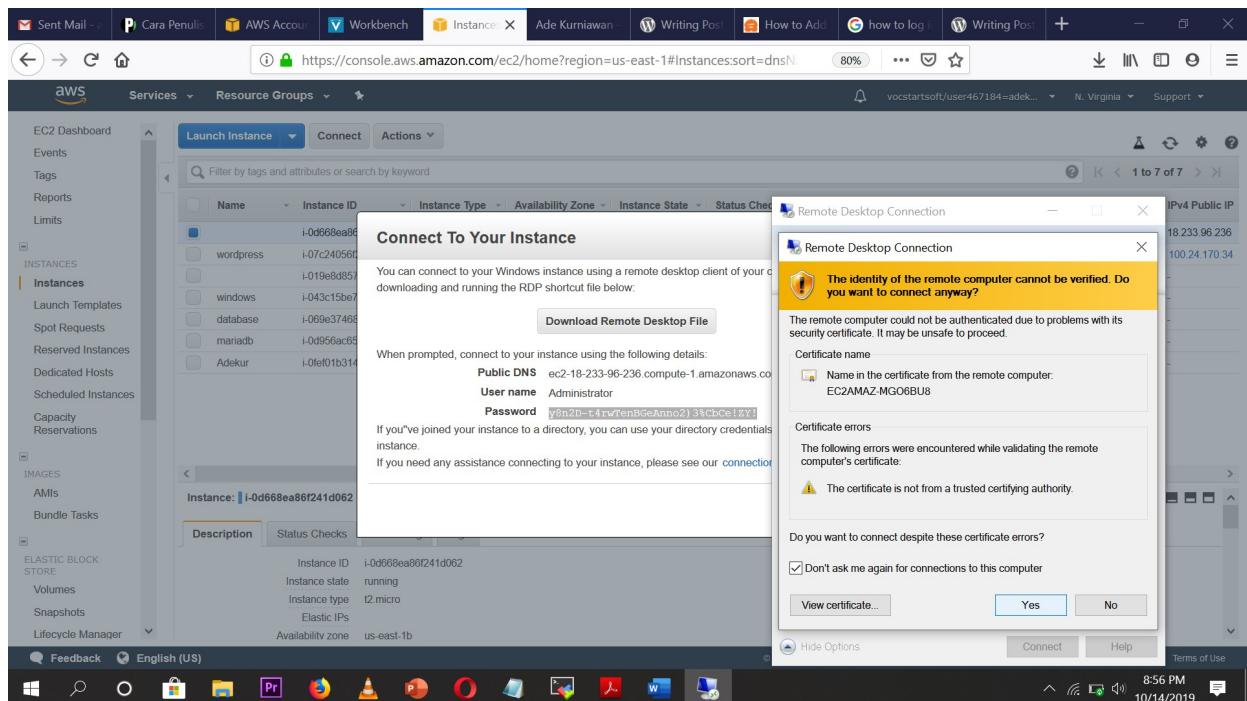
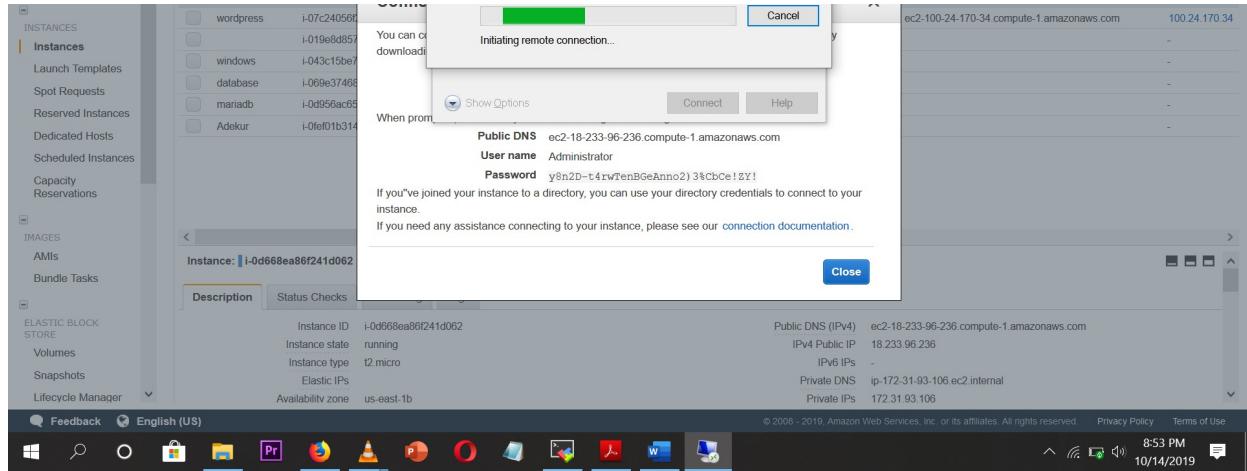
Manage security groups

[View Instances](#)



- Klik ‘connect’, sebelum itu pastikan status checks telah selesai initializing dan menjadi 2/2. Klik ‘connect’ lalu ‘get password’, akan muncul kode2 kemudian klik ‘encrypt password’ sehingga muncul password, Kemudian akan muncul kotak dialog seperti berikut, pada kotak computer ganti dengan IPv4 Public IP kemudian copy password hasil encrypt





- Jika telah berhasil, muncul desktop seperti berikut

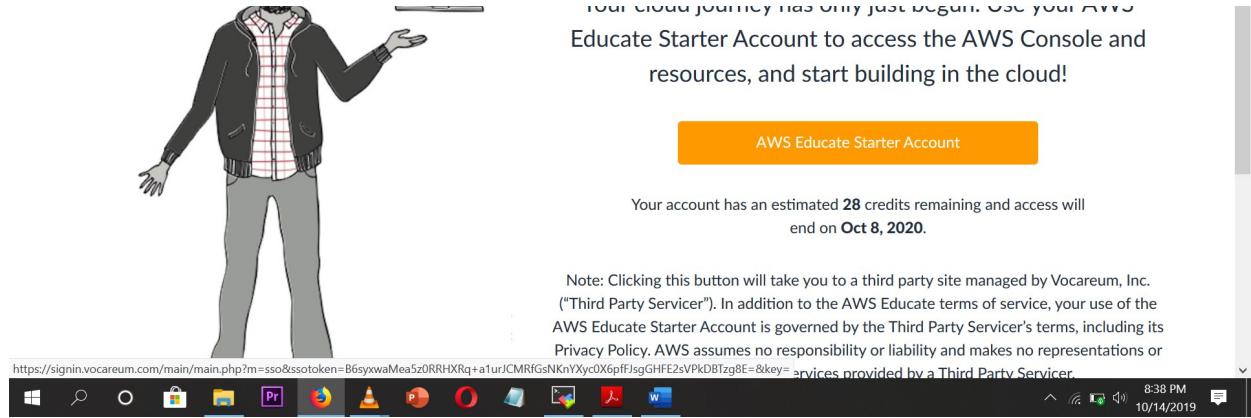




How to connect to Linux in AWS using SSH

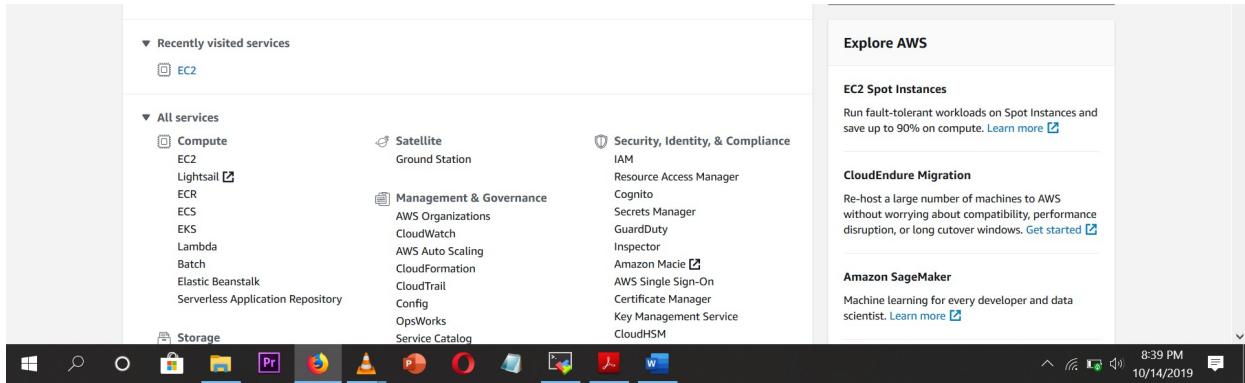
1. Log-in ke akun aws educate, kemudian klik AWS account

- Klik aws educate Startr Account



- Klik Aws console

- Pilih compute, kemudian klik EC2



• Pilih Launch Instance

The screenshot shows the AWS EC2 Dashboard. On the left, there's a sidebar with links for Events, Tags, Reports, Limits, Instances, Launch Templates, Spot Requests, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, AMIs, Bundle Tasks, and Elastic Block Store. The main area displays the following statistics:

- Resources:** 1 Running Instances, 3 Elastic IPs, 0 Dedicated Hosts, 5 Volumes, 2 Key Pairs, 0 Placement Groups.
- Account Attributes:** Supported Platforms (VPC), Default VPC (vpc-6fa6ef15), Console experiments, Settings.
- Additional Information:** Getting Started Guide, Documentation, All EC2 Resources, Forums, Pricing, Contact Us.
- AWS Marketplace:** Find free software trial products in the AWS Marketplace from the EC2 Launch Wizard. Popular software includes CloudEndure Migration (By Amazon Web Services, Rating 4.5 stars).

• Pilih sesuai os yang di inginkan, dalam hal ini linux

The screenshot shows the 'Choose an Amazon Machine Image (AMI)' step of the AWS Launch Instance Wizard. The steps listed are:

1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace, or you can select one of your own AMIs.

Search for an AMI by entering a search term e.g. "Windows"

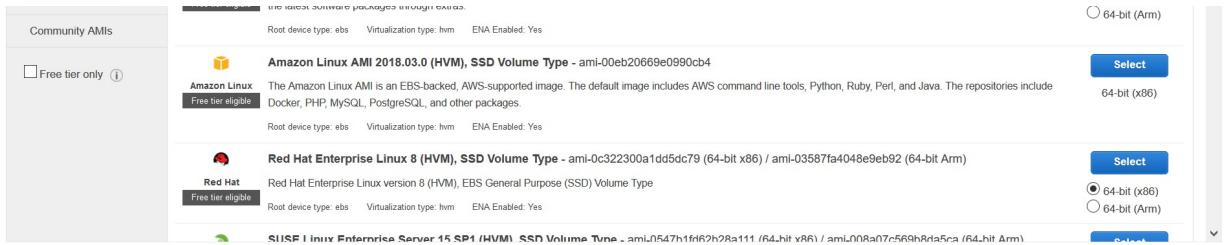
Quick Start
My AMIs
AWS Marketplace

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0b69ea66ff7391e80 (64-bit x86) / ami-09c61c4850b7465cb (64-bit Arm)

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 yum.

Select

64-bit (x86)



- Kemudian pilih spek mesin yang ingin di gunakan, ingat semakin tinggi spek yang di gunakan maka makin mahal pula yang harus dibayarkan. Kemudian klik ‘Review and Launch’ untuk mulai Launch dan pilih ‘Next : Configure Instance Details untuk mengedit spek mesin’

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance	IPv6 Support
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t3a.nano	2	0.5	EBS only	Yes	Up to 5 Gigabit	Yes

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 CPU, memory, storage, and 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 computing needs.

Filter by: All instance types Current generation ShowHide Columns

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

Cancel Previous Review and Launch Next: Configure Instance Details

- 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

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0b69ea66ff7391e80

Free tier eligible

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

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

Security group name: launch-wizard-7
Description: launch-wizard-7 created 2019-10-14T20:41:24.493+08:00

Type: (dropdown) **Protocol:** (dropdown) **Port Range:** (dropdown) **Source:** (dropdown) **Description:** (dropdown)

This security group has no rules

Instance Details

Cancel **Previous** **Launch**

- Create a new key pair, terus masukkan nama keypair lalu download. Ingat baik-baik direktori penyimpanan key pair yang didownload

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.

AMIs

Amazon Linux 2 AMI (HVM), SSD Volume Type

Free tier eligible

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

Instance Type

Instance Type	ECUs	vCPUs	Memory (GiB)
t2.micro	Variable	1	1

Security Groups

Security group name: launch-wizard-7
Description: launch-wizard-7 created 2019-10-14T20:41:24.493+08:00

Type: (dropdown) **Protocol:** (dropdown) **Port Range:** (dropdown) **Source:** (dropdown) **Description:** (dropdown)

This security group has no rules

Review

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: (dropdown) **Select a key pair:** (dropdown)

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

Cancel **Launch Instances**

Instance Details

Cancel **Previous** **Launch**

- Klik Launch

Launch Status

Pending

Your instances are now launching
The following instance launches have been initiated: i-019e8d85776dc4a02 View launch log

Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).

How to connect to your instances
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Create and attach additional EBS volumes (Additional charges may apply)
Manage security groups

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- Klik Instance yang telah dibuat, kemudian klik connect. Sehingga muncul pop-up sperti berikut. Copy its Public DNS sperti gambar di bawah (yang terblok)

EC2 Dashboard Services Resource Groups

Connect To Your Instance

I would like to connect with A standalone SSH client EC2 Instance Connect (browser-based SSH connection) A Java SSH Client directly from my browser (Java required)

To access your instance:

1. Open an SSH client. (find out how to [connect using PuTTY](#))
2. Locate your private key file (cendoll.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 cendoll.pem`
4. Connect to your instance using its Public DNS:
`ec2-54-89-184-254.compute-1.amazonaws.com`

Example:
`ssh -i "cendoll.pem" ec2-user@ec2-54-89-184-254.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.

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

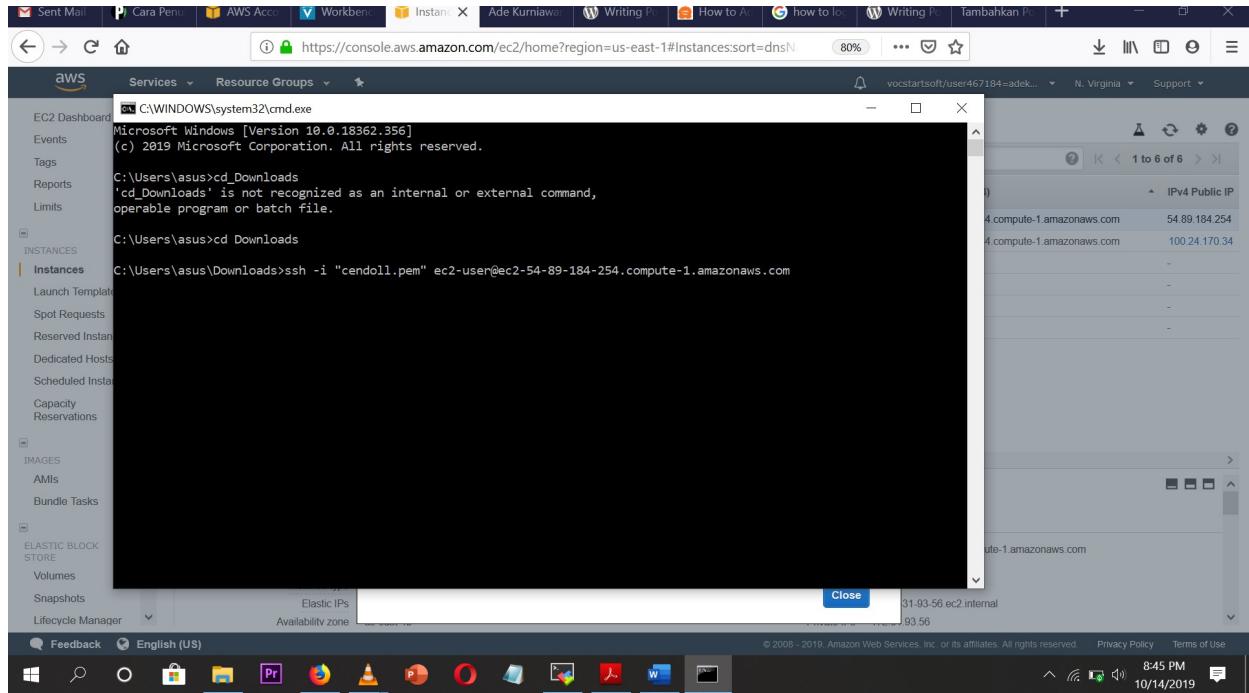
Public DNS (IPv4) IPv4 Public IP

ec2-54-89-184-254.compute-1.amazonaws.com	54.89.184.254
ec2-100-24-170-34.compute-1.amazonaws.com	100.24.170.34
-	-
-	-
-	-
-	-

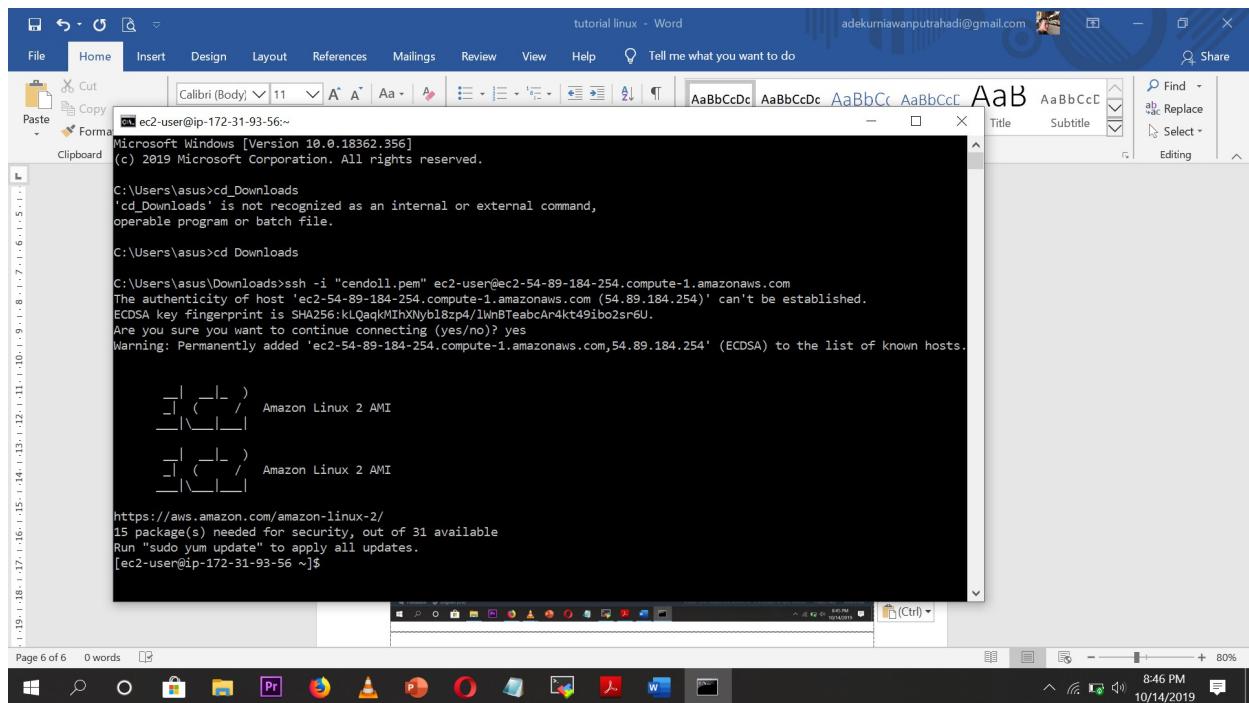
Close

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- Buka command Prompt. Short cut cukup tekan Windows+R kemudian masukkan ‘cmd’ lalu enter



- Pastikan direktori yang dituju sesuai dengan direktori tempat file key pair yang di download. Cara untuk membuka direktori yakni cd *nama-direktori*. Kemudian Tekan yes dan akan muncul hasil sperti berikut. Untuk keluar gunakan perintah ‘exit’



Halo dunia!

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

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