

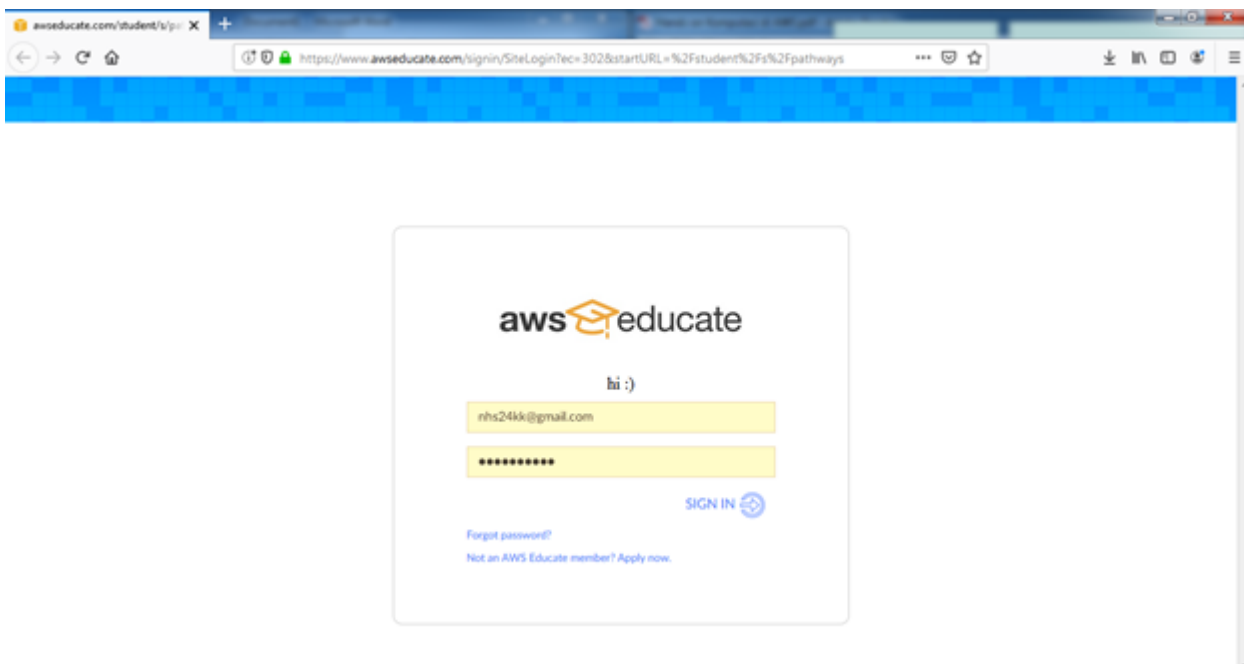
# BIG DATA ANALYTICS

\*Belajar Adalah Kunci Kesuksesan\*

29 OKTOBER 2019 BY NURUL HIKMAH SAFITRI

## Langkah-langkah Akses Mesin Virtual AWS (Windows Microsoft Server)

1. Login AWS Educate. Masukkan Alamat Email dan Password kemudian Klik **SIGN IN**



2. Klik **AWS Account**

The screenshot shows the 'My Classrooms' page on the AWS Educate website. The user is logged in as Nurul Hikmah Safitri. The page displays a table of classroom invitations:

Course Name II	Description	Educator II	Course End Date II	Credit Allocated Per Student II	Status
Big Data Analytics - Digitalent 2019	In this course, we introduce concept of big data, including its tools such as hadoop ecosystem dan spark. We will also will have hand-on experience on using these tools with the help AWS ecosystem (EC2, EMR, RDS, Glue)	A. Ais Prayogi Alimuddin	12/31/2019	\$50	Accepted

A 'Go to classroom' button is visible next to the accepted invitation.

### 3. klik **AWS Educate Starter Account**

The screenshot shows the 'AWS Educate Starter Account' page. It includes a cartoon character holding a laptop and a large orange button labeled 'AWS Educate Starter Account'. The text on the page reads:

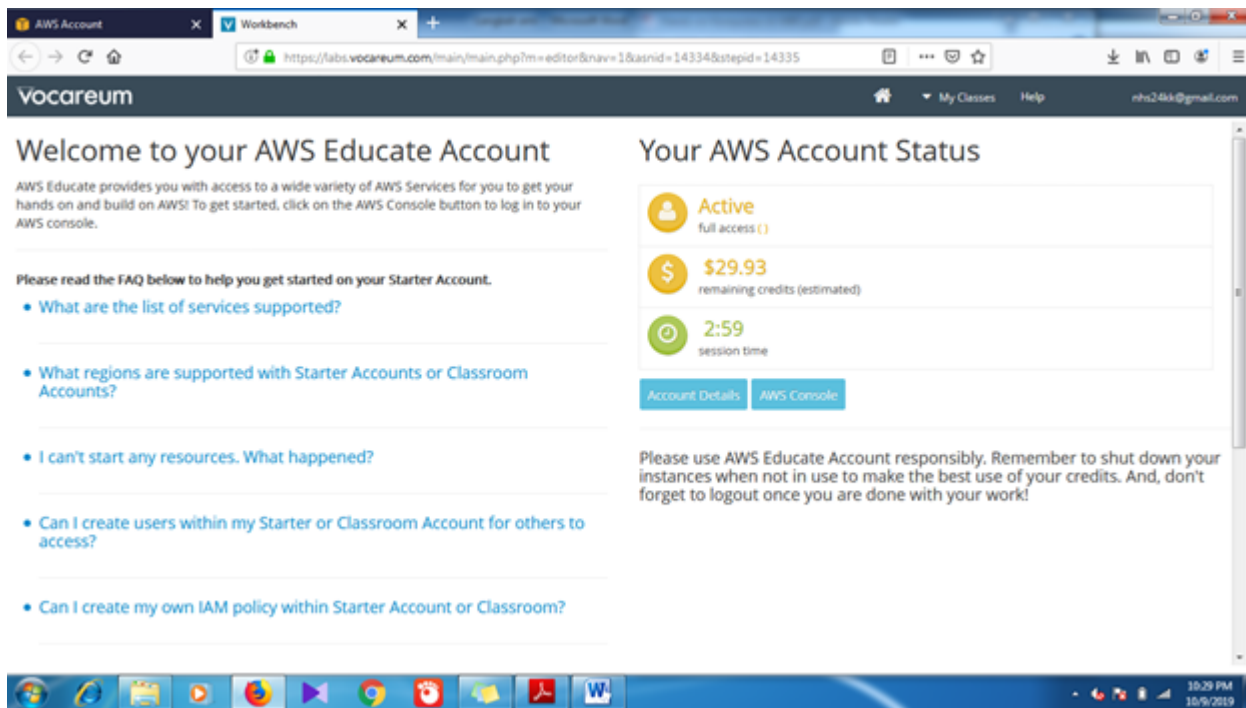
**AWS Educate Starter Account**

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!

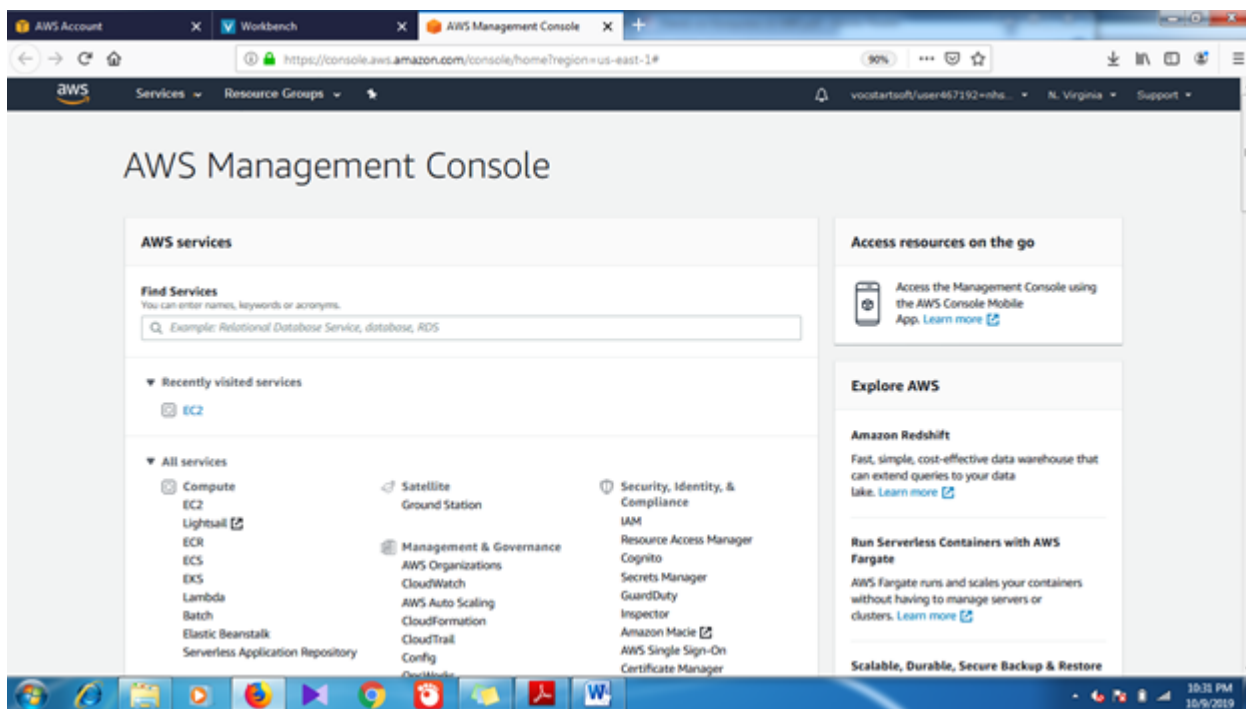
Your account has an estimated 29 credits remaining and access will end on Oct 8, 2020.

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 services provided by a Third Party Servicer.

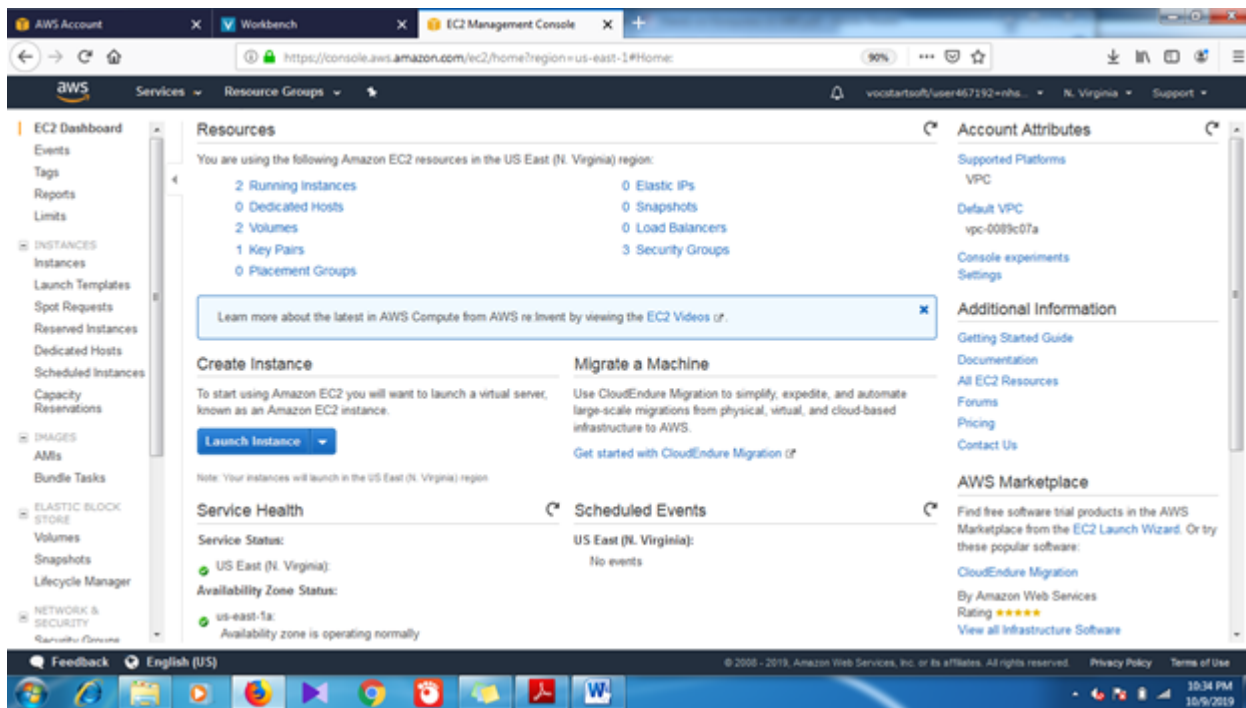
### 4. Akan muncul di tab baru, halaman Vocareum. Klik **AWS Console**.



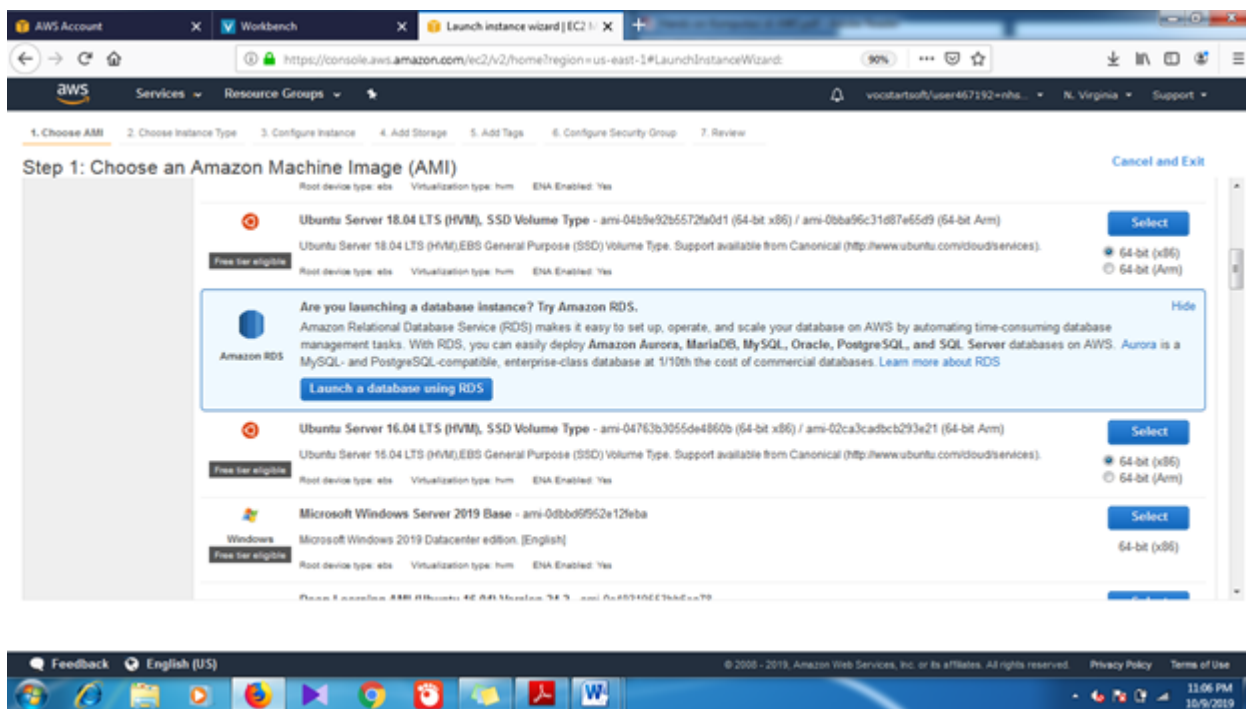
5. Kemudian akan muncul lagi tab baru, halaman AWS Management Console. Pada bagian All Services Compute , Klik **EC2**.



6. Klik **Launch Instance**.



7. Untuk terhubung server AMI, klik **Select** pada bagian *Microsoft Windows Server 2019 Base*



8. Pada bagian ini, Klik **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 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 (1)	Memory (GiB)	Instance Storage (GiB) (1)	EBS-Optimized Available (1)	Network Performance (1)	IPv6 Support (1)
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro <b>Free tier eligible</b>	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

Buttons: Cancel Previous **Review and Launch** Next: Configure Instance Details

## 9. 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-0d8b68952e12feba  
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 (GiB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

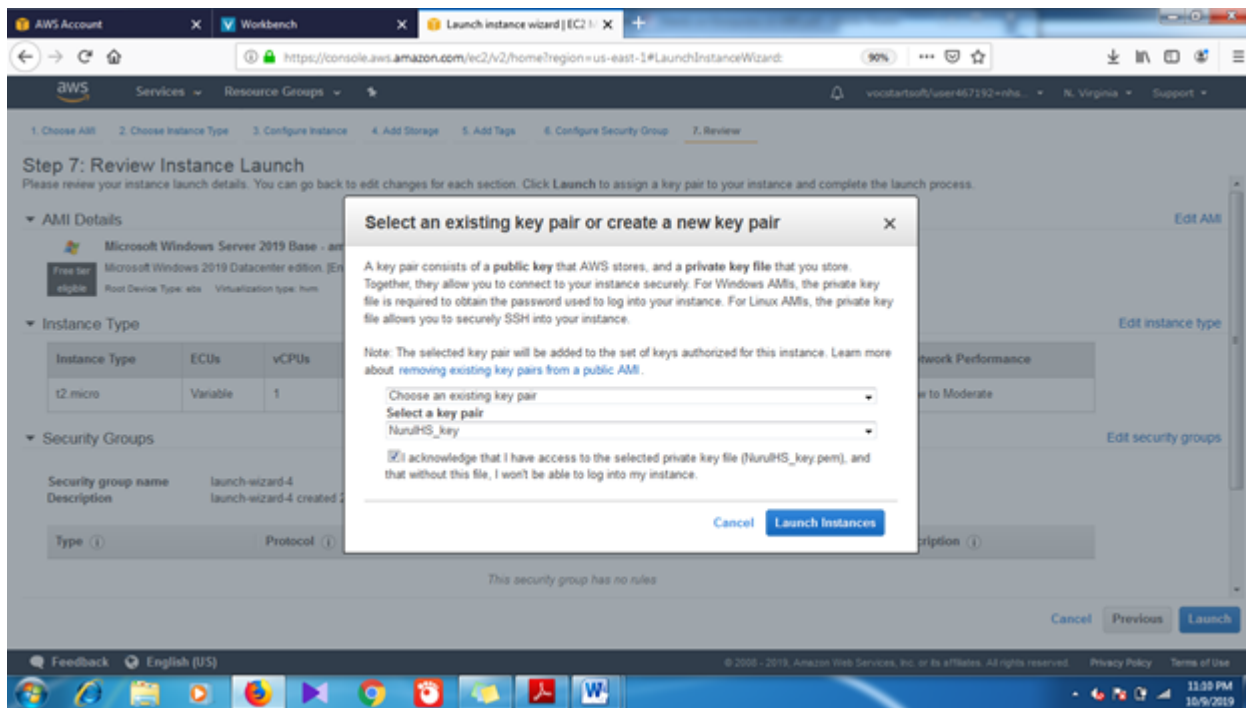
**Security Groups** [Edit security groups](#)

Security group name: launch-wizard-4  
Description: launch-wizard-4 created 2019-10-09T23:09:18.387+08:00

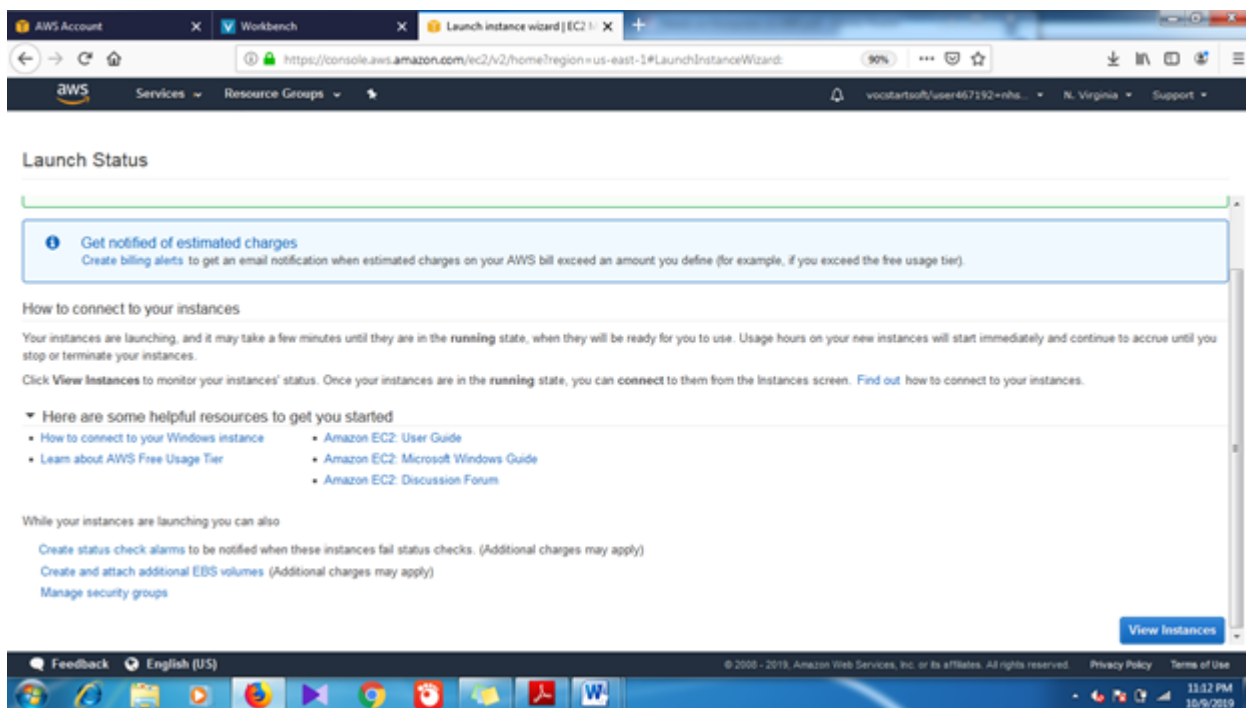
Type (1)	Protocol (1)	Port Range (1)	Source (1)	Description (1)
This security group has no rules				

Buttons: Cancel Previous **Launch**

10. Selanjutnya pada bagian *Select a key pair* Isi dengan nama key pair anda. Kemudian klik kotak untuk centang “I acknowledge ...” lalu Klik **Launch Increases**.

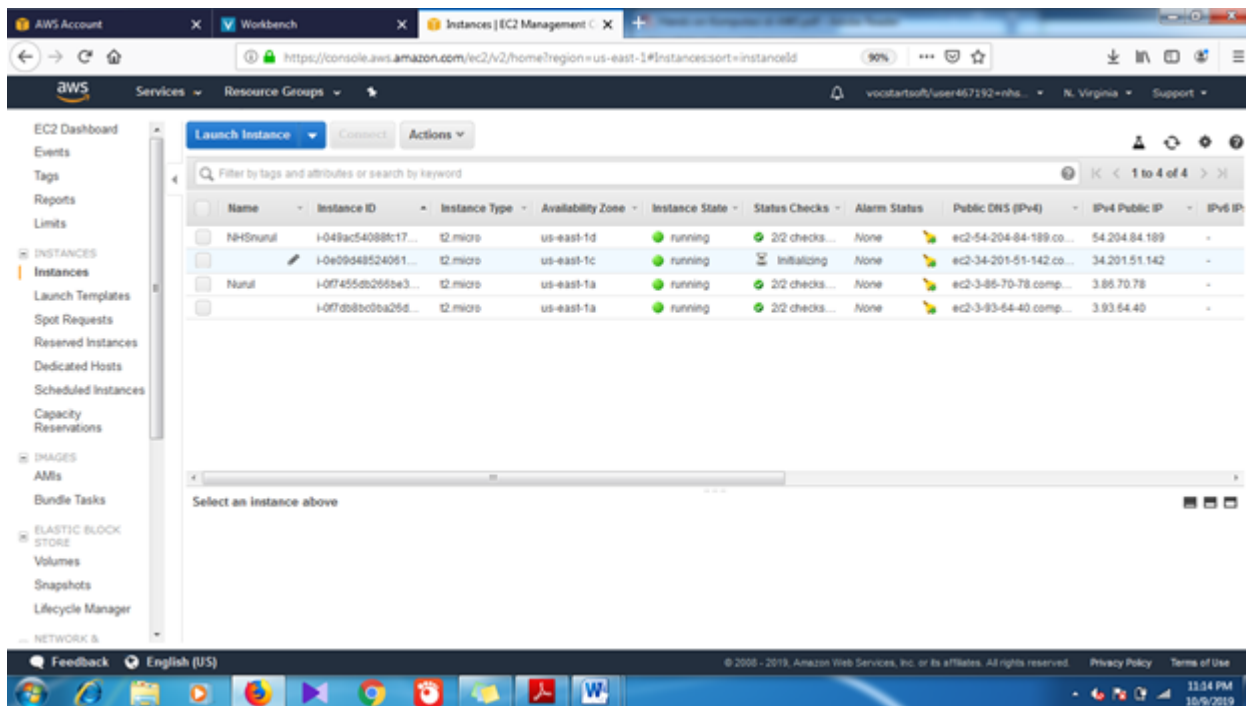


## 11. Selanjutnya klik **View Instances**

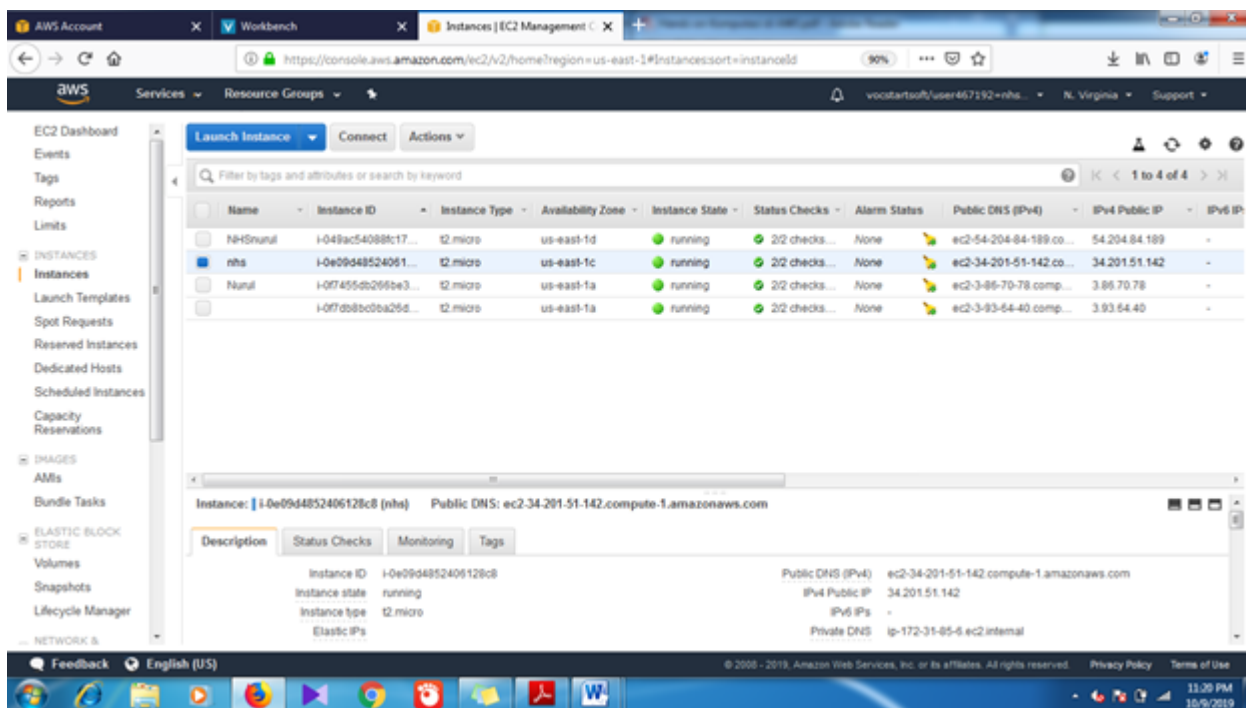


## 12. Klik simbol pensil pada kolom **Name** kemudian isi dengan nama yang anda inginkan.

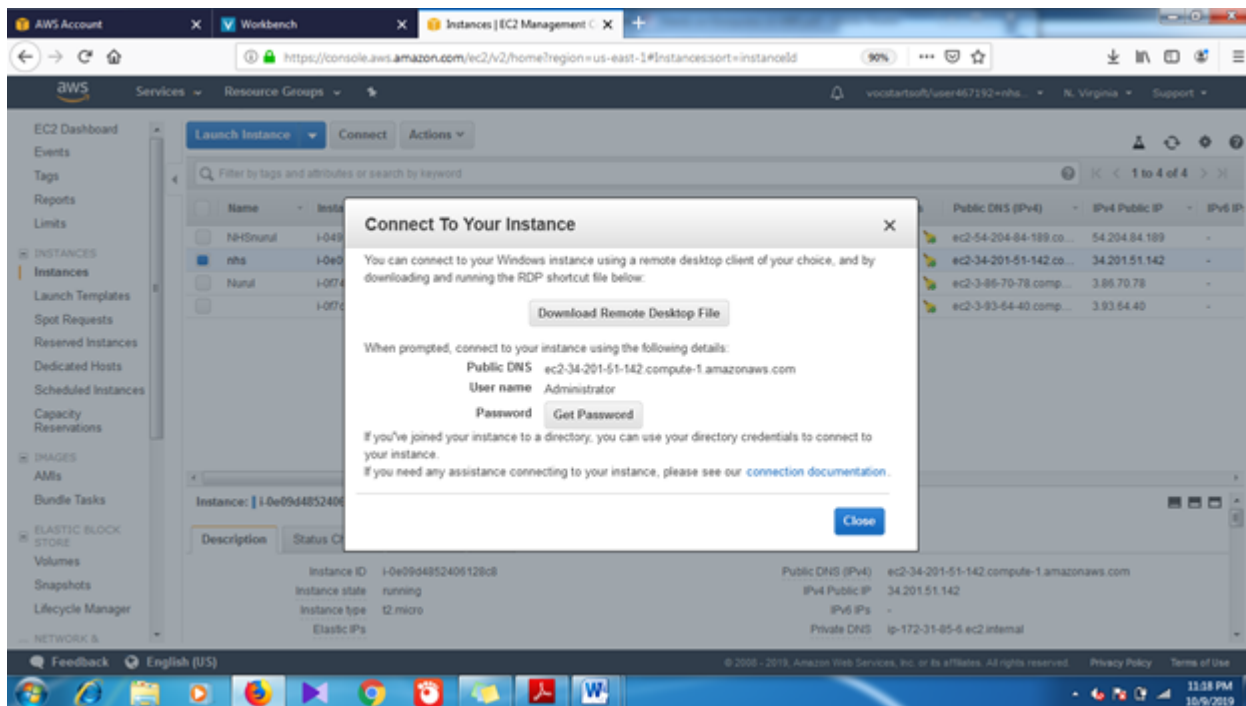




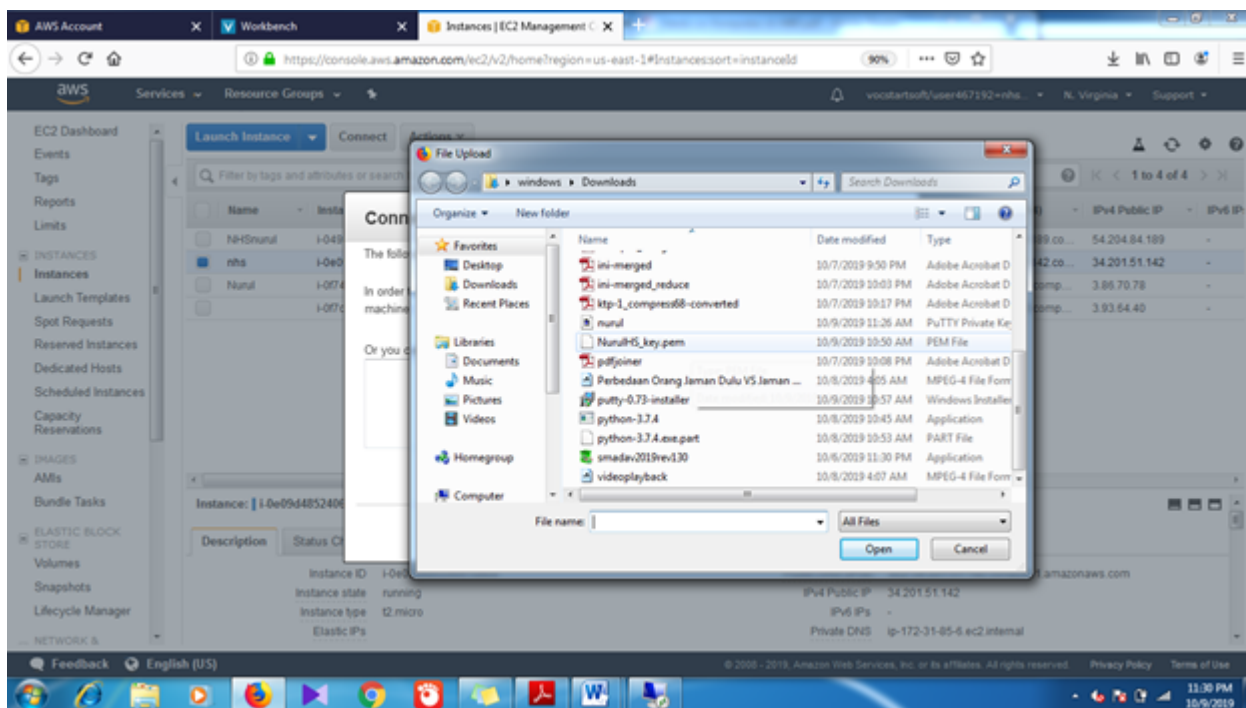
13. Setelah itu, klik **Connect**.



14. Dilanjutkan klik **Get Password**.

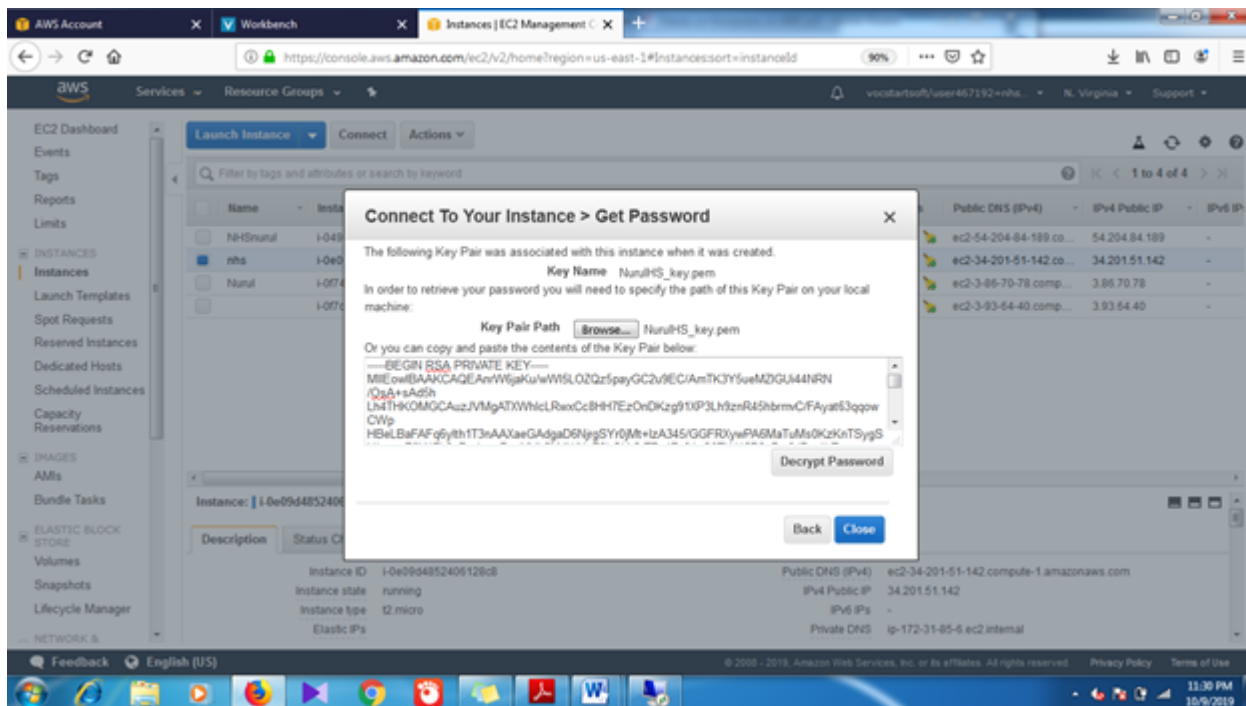


## 15. Lalu Browse file

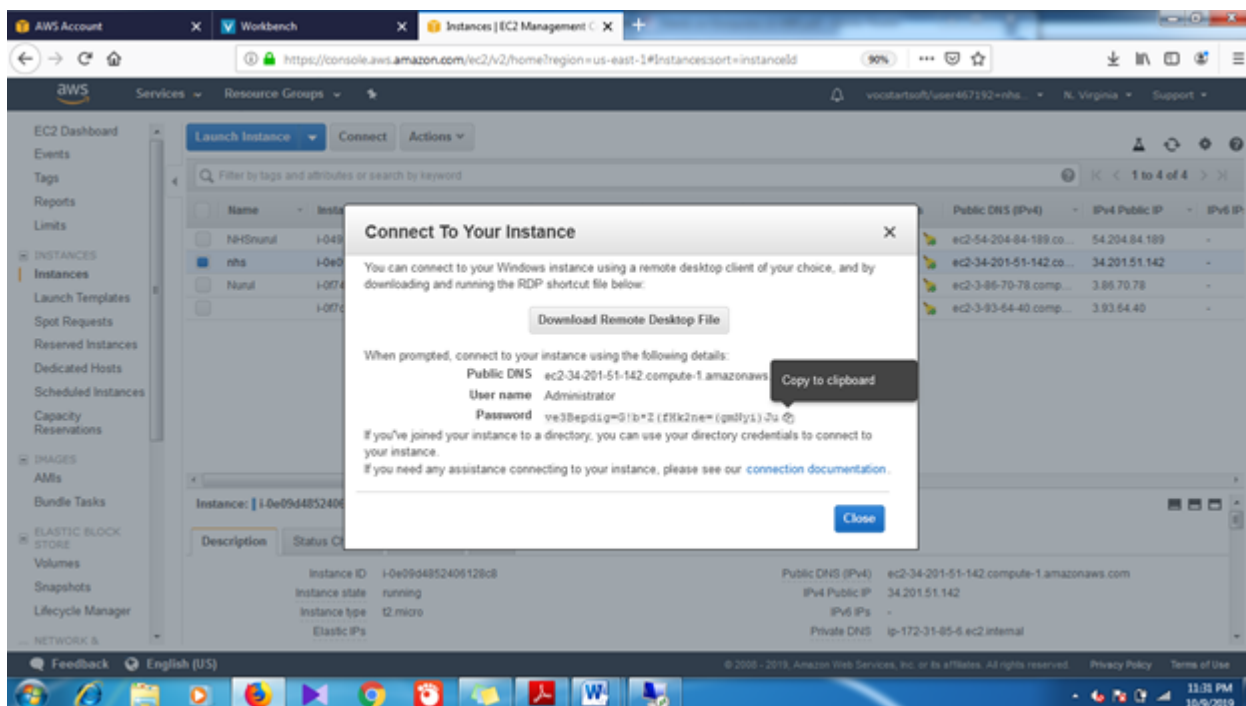


## 16. Akan muncul seperti berikut

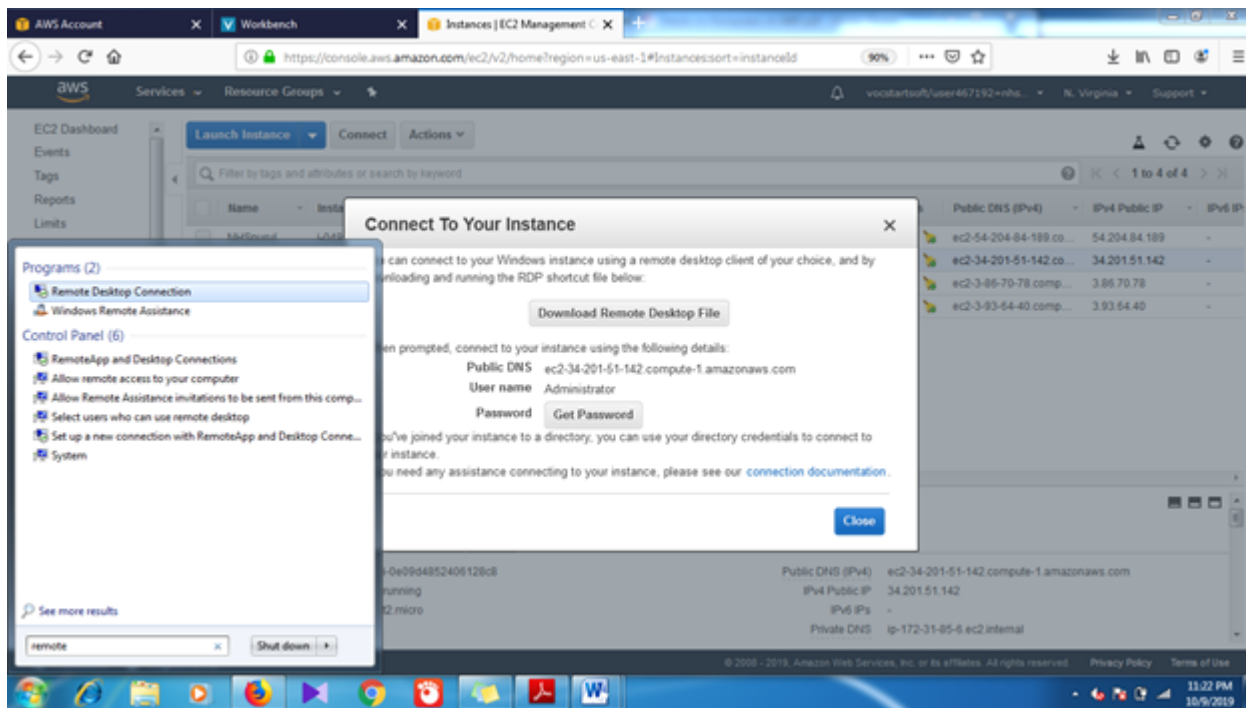




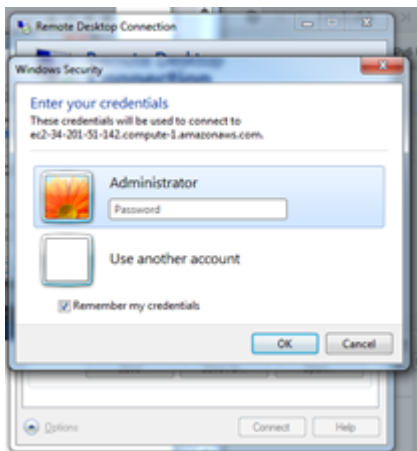
17. Kemudian klik **Copy to Clipboard** pada bagian Password.



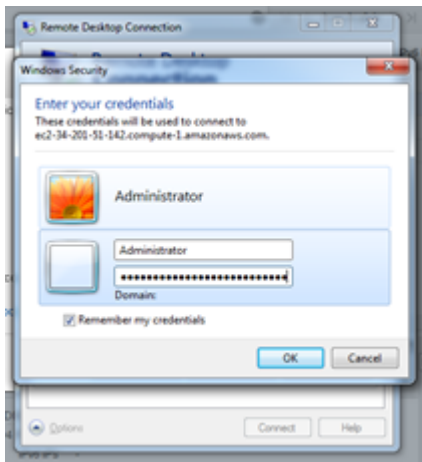
18. Di pencarian windows ketik **Remote Desktop Connection**, maka akan muncul seperti berikut



19. Setelah menekan bagian Remote Desktop Connection, akan muncul seperti berikut. Pada bagian **Password Administrator** , paste password yang telah di copy sebelumnya di Instances anda.



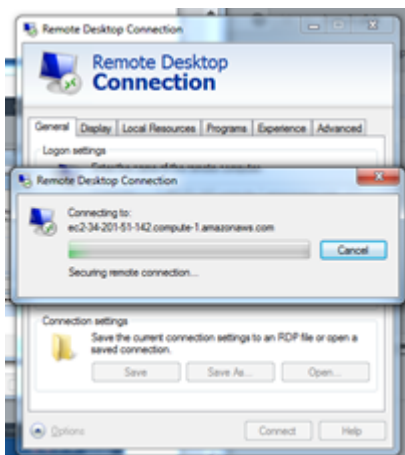
20. Tekan **OK**



21. Jika muncul tampilan seperti berikut, tekan **Yes**.



22. Sabar yah, lagi loading. Setelah muncul proses seperti dibawah ini, maka akan muncul Windows Server di layar laptop Anda.



Sekian langkah-langkah untuk dapat mengakses mesin virtual AWS (Windows Microsoft Server). Semoga dapat berguna dan jika ada yang ingin diperbaiki atau dipertanyakan, tolong untuk disampaikan di kolom komentar. Terimakasih 😊

