

Họ và tên: Phạm Trần Khánh Duy

MSSV: 23520384

Báo cáo Labs 1-4 môn SE360 - Điện toán đám mây và phát triển ứng dụng hướng dịch vụ

Thời gian hoàn thành các Labs

	AWS	Azure
Lab 1	15/10	29/10
Lab 2	01/11	29/10
Lab 3	16-24/10	29/10
Lab 4	Chưa hoàn thành	Chưa hoàn thành

LAB 1

AWS Educate



This badge was issued to [Duy Pham](#)
Date issued: October 15, 2025

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AWS Educate Getting Started with Compute - Training Badge

Issued by [Amazon Web Services Training and Certification](#)

Earners of this badge have completed the Getting Started with Compute training and achieved the required scores on the post-course assessment. They have demonstrated the ability to describe different types of compute and use Amazon EC2 to create a compute instance.

[Learn more](#)

[Learning](#)

Thực hành Hands-on trên Azure for Students

← → ↺

Không bảo mật 20.244.30.31

Springboot caro Excel Logicim Facebook Messenger 7 trang web học tiế... Rèn luyện mật thư ~... 身長比較したつたー | ...

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

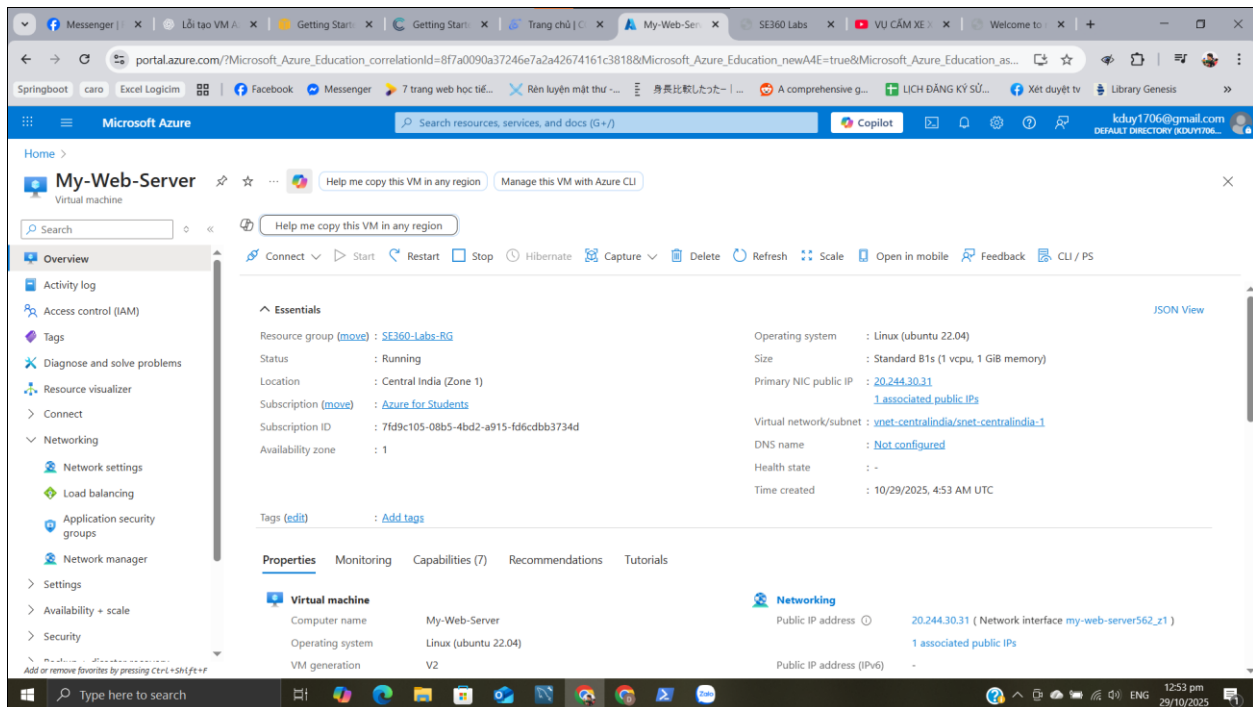
```
ptkdoy@My-Web-Server: ~
$ sudo systemctl status nginx
nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Wed 2025-10-29 05:52:01 UTC; 13s ago
     Docs: man:nginx(8)
   Process: 5589 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=us=0/SUCCESS)
   Process: 5590 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, st=ESS)
   Main PID: 5683 (nginx)
     Tasks: 2 (limit: 1008)
    Memory: 3.9M
       CPU: 25ms
   CGroup: /system.slice/nginx.service
           └─5683 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─5686 "nginx: worker process"

lines 1-16/16 (END)

ptkdoy@My-Web-Server: ~
$ sudo ufw allow 80/tcp
Rules updated
Rules reloaded
Rules updated (v6)
ptkdoy@My-Web-Server: ~
$
```

Type here to search

12:54 pm 29/10/2025




Phản hồi cá nhân: Tài khoản của trường dung họ tên có dấu nên service bị lỗi, không thể triển khai máy ảo. Mặt khác, em đã tưởng là sử dụng Command Prompt có sẵn trên Portal để SSH vào máy ảo nên đã tốn rất nhiều thời gian để tìm cách SSH.

Đề xuất:

- Thông báo rõ: sử dụng tài khoản cá nhân, username KHÔNG CÓ DẤU TIẾNG VIỆT để tránh các lỗi
- Có thể xem xét bỏ phần ghi chú (hướng dẫn có trên portal)

LAB 2

AWS Educate



This badge was issued to [Duy Pham](#)
Date issued: November 01, 2025

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AWS Educate Getting Started with Networking - Training Badge

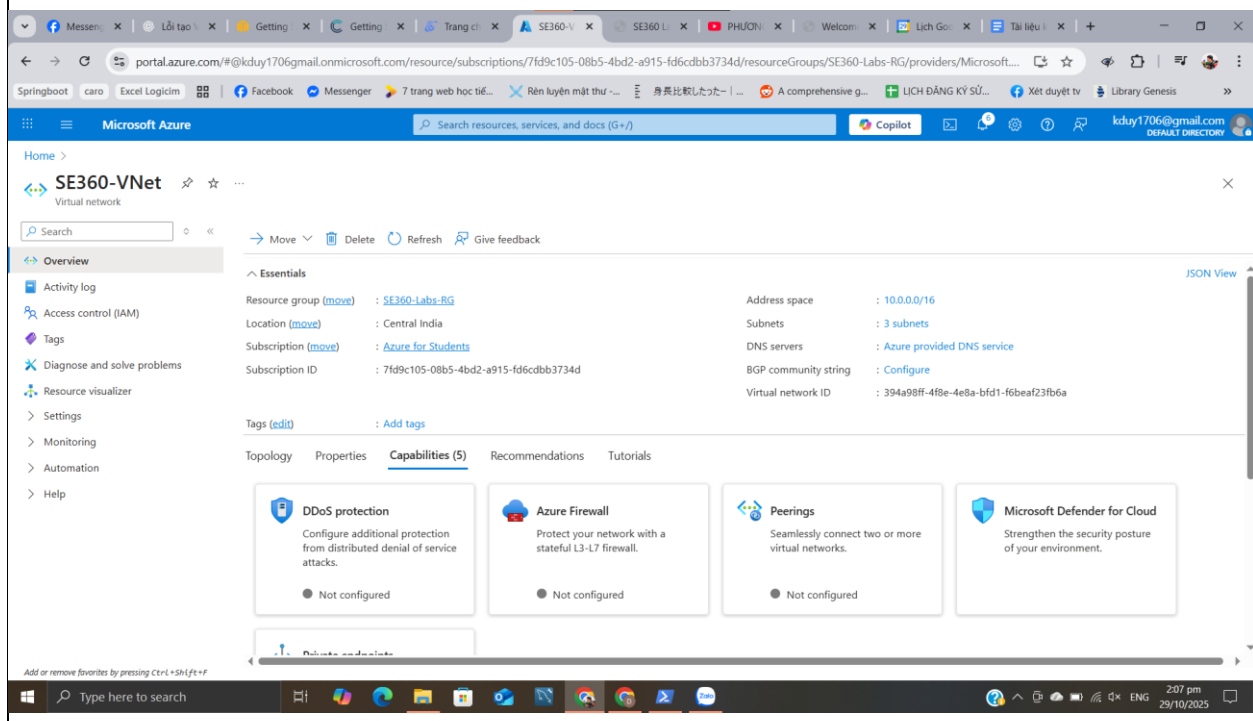
Issued by [Amazon Web Services Training and Certification](#)

Earners of this badge have completed the Getting Started with Networking training and achieved the required scores on the post-course assessment. They have demonstrated the ability to describe different ways to manage a network and how to use an Amazon VPC to do so.

[Learn more](#)

[Learning](#)

Thực hành Hands-on trên Azure for Students



The screenshot displays the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and various service icons. The main content area shows the configuration for a virtual network named "SE360-VNet".

SE360-VNet
Virtual network

Overview

Essentials

- Resource group (move): [SE360-Labs-RG](#)
- Location (move): Central India
- Subscription (move): [Azure for Students](#)
- Subscription ID: 7fd9c105-08b5-4bd2-a915-fd6cddb3734d

Tags (edit): [Add tags](#)

Capabilities (5)

- DDoS protection**: Configure additional protection from distributed denial of service attacks. **Not configured**
- Azure Firewall**: Protect your network with a stateful L3-L7 firewall. **Not configured**
- Peering**: Seamlessly connect two or more virtual networks. **Not configured**
- Microsoft Defender for Cloud**: Strengthen the security posture of your environment.

The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 2:07 pm on 29/10/2025.

Microsoft Azure portal screenshot showing the 'Database-NSG | Inbound security rules' configuration page. The page displays a list of security rules with columns for Priority, Name, Port, Protocol, Source, Destination, and Action. A notification indicates that a security rule named 'NSG-Inbound-Security-Postgre' was successfully created.

Network security group security rules are evaluated by priority using the combination of source, source port, destination, destination port, and protocol to allow or deny the traffic. A security rule can't have the same priority and direction as an existing rule. You can't delete default security rules, but you can override them with rules that have a higher priority. [Learn more](#)

Priority	Name	Port	Protocol	Source	Destination	Action
100	NSG-Inbound-Security-Postgre	5432	Any	Any	Any	Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerInBound	Any	Any	AzureLoadBalancer	Any	Allow
65500	DenyAllInBound	Any	Any	Any	Any	Deny

Phản hồi cá nhân: hướng dẫn đầy đủ, rõ ràng, dễ hiểu. Em nhận thấy việc xây dựng Security Group chưa thực sự đa dạng, giải thích vai trò của các loại cấm/cho phép data đi từ các nguồn nhất định (trong hướng dẫn gần như chỉ có Any)

LAB 3

AWS Educate



This badge was issued to [Duy Pham](#)
Date issued: October 16, 2025

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AWS Educate Getting Started with Storage - Training Badge

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Earners of this badge have completed the Getting Started with Storage training and achieved the required scores on the post-course assessment. They have demonstrated the ability to describe storage solutions and use Amazon S3 to store and retrieve objects.

[Learn more](#)

Learning



This badge was issued to [Duy Pham](#)
Date issued: October 24, 2025

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AWS Educate Getting Started with Databases - Training Badge

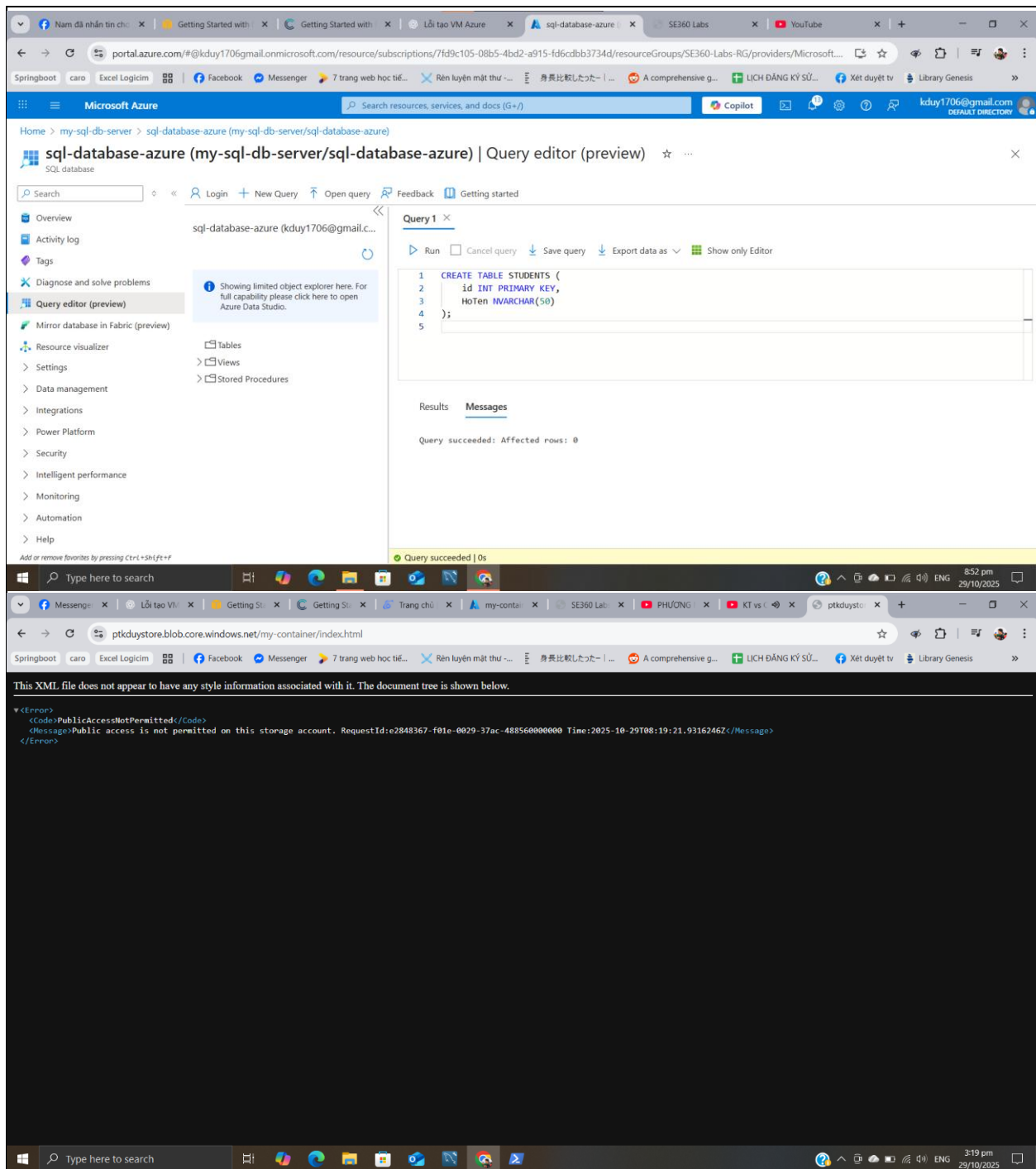
Issued by [Amazon Web Services Training and Certification](#)

Earners of this badge have completed the Getting Started with Databases training and achieved the required scores on the post-course assessment. They have demonstrated the ability to set up an Amazon Relational Database instance and how to use SQL commands to read and write to the database.

[Learn more](#)

Learning

Thực hành Hands-on trên Azure for Students



Phản hồi cá nhân: Bài Labs này được hướng dẫn chi tiết, dễ hiểu, dễ thực hiện. Tuy nhiên, em có một chút nhầm lẫn khi đi tìm dịch vụ Database và đã đi lộn sang dịch vụ khác.

