

BÁO CÁO THỰC HÀNH

Môn học: Kiến trúc và Bảo mật Điện toán Đám mây

Lab 5: Triển Khai Peering trên AWS

GVHD: Đỗ Thị Phương Uyên

1. THÔNG TIN CHUNG:

(Liệt kê tất cả các thành viên trong nhóm)

Lớp: NT524.Q11.ANTT.1

STT	Họ và tên	MSSV	Email
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2. NỘI DUNG THỰC HIỆN:¹

STT	Công việc	Kết quả tự đánh giá
1	Triển Khai Peering	100%
2	S3	100%

Phần bên dưới của báo cáo này là tài liệu báo cáo chi tiết của nhóm thực hiện.

¹ Ghi nội dung công việc, các kịch bản trong bài Thực hành

BÁO CÁO CHI TIẾT

Mục Lục.

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1. Tạo VPC.

1.1. Create VPC Tokyo.

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Account ID: 8043-5399-8995
HaMinhQuan

vpc-0ddd5f6620f4114ea / vmA-vpc

Actions ▾

Details [Info](#)

VPC ID vpc-0ddd5f6620f4114ea	State Available	Block Public Access Off	DNS hostnames Enabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-0b5a20cff1db29cf0	Main route table rtb-0387a8cbf418120be
Main network ACL acl-0319f9f4a42713fb8	Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -
IPv6 CIDR (Network border group) -	Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 804353998995
Encryption control ID -	Encryption control mode -		

N. Virginia.

aws | Search | [Alt+S] | Ask Amazon Q | Account ID: 8043-5399-8995
HaMinhQuan

United States (N. Virginia) ▾

VPC > Your VPCs > Create VPC > Create VPC resources

Create VPC workflow

Success

▼ Details

- >Create VPC: vpc-0bb2ac7f9ba1802a0
- Enable DNS hostnames
- Enable DNS resolution
- Verifying VPC creation: vpc-0bb2ac7f9ba1802a0
- Create subnet: subnet-073de68e69235fe
- Create subnet: subnet-03335a6b940ffde92
- Create subnet: subnet-067afa9e86edd0009
- Create internet gateway: igw-016ba8171963bf37d
- Attach internet gateway to the VPC
- Create route table: rtb-0d2870b9f9413bee8
- Create route
- Associate route table
- Allocate elastic IP: eipalloc-0fc7a26159e5d5e58
- Create NAT gateway: nat-09a8da415d8a5b960
- Wait for NAT Gateways to activate
- Create route table: rtb-0333a939d0772e659

1.2.Tạo IAM để connect Console.

Permissions Trust relationships Tags Last Accessed Revoke sessions

Permissions policies (1) [Info](#)

You can attach up to 10 managed policies.

Filter by Type

Policy name	Type	Attached entities
AmazonSSMManagedInstanceCore	AWS managed	1

▶ Permissions boundary (not set)

1.3.Create Instance

Virginia (ip: 10.0.0.0/16_

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The screenshot shows the AWS EC2 Instances Launch an instance page. At the top, there is a green success message: "Successfully initiated launch of instance (i-0568a0da8b9e1b600)". Below this, there is a "Launch log" section and a "Next Steps" section. The "Next Steps" section contains several options: "Create billing usage alerts", "Connect to your instance", "Connect an RDS database", "Create EBS snapshot policy", "Manage detailed monitoring", "Create Load Balancer", "Create AWS budget", and "Manage CloudWatch alarms". Each option has a brief description and a "Create" button. The "Create EBS snapshot policy" and "Create AWS budget" sections have small blue circular icons with white arrows pointing up and right respectively.

Tokyo (10.0.0/16)

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The screenshot shows the AWS EC2 Instances Launch log page. At the top, there is a green success message: "Successfully initiated launch of instance (i-0e7e864a2f204c02e)". Below this, there is a "Next Steps" section with a search bar and a navigation bar. There are four main cards: "Create billing usage alerts", "Connect to your instance", "Connect an RDS database", and "Create EBS snapshot policy". Each card has a "Create" button and a "Learn more" link.

1.4.Add SSM for instance

Tokyo

The screenshot shows the AWS EC2 Instances Modify IAM role page for the instance i-0e7e864a2f204c02e. It shows the "SSM-Connect-Role" selected in the dropdown. There are buttons for "Create new IAM role" and "Update IAM role".

Virginia.

The screenshot shows the AWS EC2 Instances page in the United States (N. Virginia) region. It displays two instances: "Lab5-Ver" (running) and "VMA" (terminated). A green success message at the top indicates "Successfully attached SSM-Connect-Role to instance i-0568a0da8b9e1b600".

1.5.Create peering.

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A screenshot of the AWS VPC Peering Connections console. A green banner at the top states: "A VPC peering connection pcx-0df14845a7fd3857e / peering Tokyo-Virginia has been requested. Remember to change your region to us-east-1 to accept the peering connection." Below this, the peering connection details are shown:

Details	
Requester owner ID	804353998995
Peering connection ID	pcx-0df14845a7fd3857e
Status	Initiating Request to 804353998995
Expiration time	Tuesday, December 23, 2025 at 13:39:10 GMT+7
Acceptor owner ID	804353998995
Requester VPC	vpc-0ddd5f6620f4114ea / vma-vpc
Requester CIDRs	10.0.0.0/16
Requester Region	Tokyo (ap-northeast-1)
VPC Peering connection ARN	arn:aws:ec2:ap-northeast-1:804353998995:vpc-peering-connection/pcx-0df14845a7fd3857e
Acceptor VPC	vpc-0bb2ac7f9ba1802a0
Acceptor CIDRs	-
Acceptor Region	N. Virginia (us-east-1)

The "DNS" tab is selected. A "DNS settings" section with an "Edit DNS settings" button is visible.

Virginia accept peering.

A screenshot of the AWS VPC Peering Connections console showing the acceptance of a peering connection request. The table shows:

Peering connections (1/1)				
Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
pcx-0df14845a7fd3857e	pcx-0df14845a7fd3857e	Pending acceptance	vpc-0ddd5f6620f4114ea	vpc-0bb2ac7f9ba1802a0 / proj...

An "Accept VPC peering connection request" dialog box is open, asking: "Are you sure you want to accept this VPC peering connection request? (pcx-0df14845a7fd3857e)". It displays the connection details:

Requester VPC	Acceptor VPC	Requester CIDRs	Acceptor Region
vpc-0ddd5f6620f4114ea	vpc-0bb2ac7f9ba1802a0 / project-vpc	10.0.0.0/16	N. Virginia (us-east-1)
Requester CIDRs	Requester Region	Requester owner ID	Acceptor owner ID
-	Tokyo (ap-northeast-1)	804353998995(This account)	804353998995(This account)

Buttons for "Cancel" and "Accept request" are at the bottom right of the dialog.

1.6.Create route tables.

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The screenshot shows the AWS Route Tables page for the route table **rtb-0a77cab728d0ce4b0 / vmA-rtb-private2-ap-northeast-1a**. The main details are:

- Route table ID:** rtb-0a77cab728d0ce4b0
- Main:** No
- VPC:** vpc-0ddd5f6620f4114ea | vmA-vpc
- Owner ID:** 804353998995
- Explicit subnet associations:** subnet-065c090e89ce0403a / vmA-subnet-private2-ap-northeast-1a
- Edge associations:** -

The **Routes** tab is selected, showing three routes:

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	nat-0deae9abf897d4e2d	Active	No	Create Route
10.0.0.0/16	local	Active	No	Create Route Table
10.1.0.0/16	pcx-0df14845a7fd3857e	Active	No	Create Route

Virginia.

The screenshot shows the AWS Route Tables page for the route table **rtb-0fa642e3a04784286 / project-rtb-private2-us-east-1a**. The main details are:

- Route table ID:** rtb-0fa642e3a04784286
- Main:** No
- VPC:** vpc-0bb2ac7f9ba1802a0 | project-vpc
- Owner ID:** 804353998995
- Explicit subnet associations:** subnet-067afa9e86edd0009 / project-subnet-private2-us-east-1a
- Edge associations:** -

The **Routes** tab is selected, showing three routes:

Destination	Target	Status	Propagated	Route Origin
0.0.0.0/0	nat-09a8da415d8a5b960	Active	No	Create Route
10.0.0.0/16	pcx-0df14845a7fd3857e	Active	No	Create Route
10.1.0.0/16	local	Active	No	Create Route Table

1.7.Ping 2 instance.

Ping Tokyo to Virginia



```
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
2: ens5: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc mq state UP group default qlen 1000
    link/ether 12:d5:28:4e:59:d1 brd ff:ff:ff:ff:ff:ff
    altname enp0s5
    inet 10.1.146.126/20 metric 100 brd 10.1.159.255 scope global dynamic ens5
        valid_lft 2004sec preferred_lft 2004sec
    inet6 fe80::10d5:28ff:fe4e:59d1/64 scope link
        valid_lft forever preferred_lft forever
$ ping 10.0.147.217
PING 10.0.147.217 (10.0.147.217) 56(84) bytes of data.
64 bytes from 10.0.147.217: icmp_seq=1 ttl=64 time=148 ms
64 bytes from 10.0.147.217: icmp_seq=2 ttl=64 time=148 ms
64 bytes from 10.0.147.217: icmp_seq=3 ttl=64 time=148 ms
64 bytes from 10.0.147.217: icmp_seq=4 ttl=64 time=148 ms
^C
--- 10.0.147.217 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3003ms
rtt min/avg/max/mdev = 148.239/148.248/148.255/0.006 ms
$ 
```

```
$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
2: ens5: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc mq state UP group default qlen 1000
    link/ether 06:0d:cc:b3:6d:3b brd ff:ffff:ffff:ff:ff:ff
    altname enp0s5
    inet 10.0.147.217/20 metric 100 brd 10.0.159.255 scope global dynamic ens5
        valid_lft 2180sec preferred_lft 2180sec
    inet6 fe80::40d:ccff:feb3:6d3b/64 scope link
        valid_lft forever preferred_lft forever
$ ^C
$ ping 10.1.146.126
PING 10.1.146.126 (10.1.146.126) 56(84) bytes of data.
64 bytes from 10.1.146.126: icmp_seq=1 ttl=64 time=144 ms
64 bytes from 10.1.146.126: icmp_seq=2 ttl=64 time=144 ms
^C
--- 10.1.146.126 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1001ms
rtt min/avg/max/mdev = 144.387/144.390/144.394/0.003 ms
$ 
```

Check 2 instance connection.

1.8.SSH

Để SSH vào được thì phải có key vậy thì sẽ copy key đã tạo ở bước trước đưa vào máy.

Bằng câu lệnh: `sudo echo "key" | sudo tee "ten"`

```
$ sudo echo "-----BEGIN OPENSSH PRIVATE KEY-----\n\n-----END OPENSSH PRIVATE KEY-----\n> > > > > > " | sudo tee VPC-tokyo.pem\n-----BEGIN OPENSSH PRIVATE KEY-----\n\n-----END OPENSSH PRIVATE KEY-----\n$ ls\nVPC-tokyo.pem
```

Tiếp theo SSH đến máy kia bằng lệnh: SSH -i “key” ubuntu@ip.

```
$ ssh -i VPC-tokyo.pem ubuntu@10.1.146.126\nWelcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1015-aws x86_64)\n\n  * Documentation:  https://help.ubuntu.com\n  * Management:    https://landscape.canonical.com\n  * Support:       https://ubuntu.com/pro\n\nSystem information as of Tue Dec 16 07:37:17 UTC 2025\n\n  System load:  0.08          Temperature:      -273.1 °C\n  Usage of /:   26.0% of 6.71GB  Processes:        113\n  Memory usage: 25%\n  Swap usage:   0%          Users logged in:   0\n                                IPv4 address for ens5: 10.1.146.126\n\nExpanded Security Maintenance for Applications is not enabled.\n\n0 updates can be applied immediately.\n\nEnable ESM Apps to receive additional future security updates.\nSee https://ubuntu.com/esm or run: sudo pro status\n\nThe list of available updates is more than a week old.\nTo check for new updates run: sudo apt update\n\nThe programs included with the Ubuntu system are free software;
```

Kiểm tra lại bằng lệnh ip.

```
ubuntu@ip-10-1-146-126:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
2: ens5: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc mq state UP group default qlen 1000
    link/ether 12:d5:28:4e:59:d1 brd ff:ff:ff:ff:ff:ff
    altname enp0s5
    inet 10.1.146.126/20 metric 100 brd 10.1.159.255 scope global dynamic ens5
        valid_lft 3181sec preferred_lft 3181sec
    inet6 fe80::10d5:28ff:fe4e:59d1/64 scope link
        valid_lft forever preferred_lft forever
ubuntu@ip-10-1-146-126:~$
```

Có thể thấy từ máy tokyo có ip của máy Virginia là 10.1.146.126, Vậy là đã SSH được từ máy tokyo đến virginia thành công

Ngược lại.

```
$ ssh -i virginia.pem ubuntu@10.0.147.217
The authenticity of host '10.0.147.217 (10.0.147.217)' can't be established.
ED25519 key fingerprint is SHA256:0SqffQ5aMW6D9+LGDGiWWpqO+5VN4EmSg1teXM96WRg.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.147.217' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1015-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

System information as of Tue Dec 16 07:49:18 UTC 2025

  System load:  0.0          Temperature:      -273.1 C
  Usage of /:   26.1% of 6.71GB  Processes:        115
  Memory usage: 28%           Users logged in:  0
  Swap usage:   0%            IPv4 address for ens5: 10.0.147.217

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.
```

Check ip hoàn thành ssh đến máy Tokyo.

```
ubuntu@ip-10-0-147-217:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
2: ens5: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 9001 qdisc mq state UP group default qlen 1000
    link/ether 06:0d:cc:b3:6d:3b brd ff:ff:ff:ff:ff:ff
    altname enp0s5
    inet 10.0.147.217/20 metric 100 brd 10.0.159.255 scope global dynamic ens5
        valid_lft 2678sec preferred_lft 2678sec
        inet6 fe80::40d:ccff:feb3:6d3b/64 scope link
            valid_lft forever preferred_lft forever
ubuntu@ip-10-0-147-217:~$
```

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Vậy là đã xong yêu cầu Tạo 2 VPC ở 2 region khác nhau, mỗi VPC: 1 public, 2 private subnet, có intergateway, nat gateway. Tạo EC2 ở private subnet tại 2 VPC (Sử dụng IAM Role để có thể connect vào console). Tạo peering connection và test ssh giữa 2 EC2.

2. S3.

2.1. Tạo S3.

The screenshot shows the AWS S3 buckets page. At the top, a green banner says "Successfully created bucket 'lab5-225221177'". Below it, there are tabs for "General purpose buckets" (selected) and "Directory buckets". A search bar and filter options are present. The main table lists two buckets:

Name	AWS Region	Creation date
22521177	Asia Pacific (Singapore) ap-southeast-1	November 26, 2025, 08:34:06 (UTC+07:00)
lab5-225221177	US East (N. Virginia) us-east-1	December 16, 2025, 18:56:17 (UTC+07:00)

On the right side, there are two informational boxes: "Account snapshot" and "External access summary - new".

2.2. Upload tài nguyên.

The screenshot shows the AWS S3 upload page for the bucket "lab5-225221177". The top navigation bar includes "Upload" and "Info" buttons. A note says "Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDKs or Amazon S3 REST API. [Learn more](#)". Below is a drag-and-drop area and a table of files and folders:

Files and folders (182 total, 21.2 MB)				
All files and folders in this table will be uploaded.				
<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	.DS_Store	S3-Website-main/S3-Website-main/	-	12.0 KB
<input type="checkbox"/>	about.html	S3-Website-main/S3-Website-main/	text/html	13.0 KB
<input type="checkbox"/>	blog.html	S3-Website-main/S3-Website-main/	text/html	12.8 KB
<input type="checkbox"/>	contact.html	S3-Website-main/S3-Website-main/	text/html	10.5 KB
<input type="checkbox"/>	hotel-room.html	S3-Website-main/S3-Website-main/	text/html	24.5 KB
<input type="checkbox"/>	hotels.html	S3-Website-main/S3-Website-main/	text/html	25.8 KB
<input type="checkbox"/>	index.html	S3-Website-main/S3-Website-main/	text/html	56.3 KB
<input type="checkbox"/>	README.md	S3-Website-main/S3-Website-main/	-	13.0 B
<input type="checkbox"/>	services.html	S3-Website-main/S3-Website-main/	text/html	11.6 KB
<input type="checkbox"/>	tour-place.html	S3-Website-main/S3-Website-main/	text/html	24.1 KB

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Sẽ upload những tài nguyên như trên hình.

Name	Folder	Type	Size	Status	Error
_responsive-visibility.scss	sass/bootstrap/mixins/	-	514.0 B	Succeeded	-
_size.scss	sass/bootstrap/mixins/	-	147.0 B	Succeeded	-
_tab-focus.scss	sass/bootstrap/mixins/	-	165.0 B	Succeeded	-
_table-row.scss	sass/bootstrap/mixins/	-	715.0 B	Succeeded	-
_text-emphasis.scss	sass/bootstrap/mixins/	-	210.0 B	Succeeded	-
_text-overflow.scss	sass/bootstrap/mixins/	-	168.0 B	Succeeded	-
_vendor-prefixes.scss	sass/bootstrap/mixins/	-	6.5 KB	Succeeded	-
favicon.css	fonts/favicon/font/	-	1.7 KB	Succeeded	-
license.pdf	fonts/favicon/license/	application/pdf	35.6 KB	Succeeded	-
alerts.scss	sass/bootstrap/mixins/	-	263.0 B	Succeeded	-

Üp tài nguyên thành công.

2.3. Enable static website feature

Bật tính năng website hosting.

Static website hosting
Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

- Disable
- Enable

Hosting type

- Host a static website

Use the bucket endpoint as the web address. [Learn more](#)
- Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

Index document
Specify the home or default page of the website.

Error document - optional
This is returned when an error occurs.

Redirection rules - optional
Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

2.4. Gõ chặn truy cập và tạo public.

Trước khi chưa gõ chặn thì sẽ không truy cập được.

Lab 5 : Triển khai Peering trên AWS

Amazon S3 > Buckets > lab5-225221177 > Edit Block public access (bucket settings)

Edit Block public access (bucket settings) Info

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

- Block all public access**
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.
- Block public access to buckets and objects granted through new access control lists (ACLs)**
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- Block public access to buckets and objects granted through any access control lists (ACLs)**
S3 will ignore all ACLs that grant public access to buckets and objects.
- Block public access to buckets and objects granted through new public bucket or access point policies**
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- Block public and cross-account access to buckets and objects through any public bucket or access point policies**
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

[Cancel](#) [Save changes](#)

aws Search [Alt+S] Ask Amazon Q Account ID: 8043-5399-8995 ▾ United States (N. Virginia) ▾ HaMinhQuan

Amazon S3 > Buckets > lab5-225221177

Successfully edited Block Public Access settings for this bucket.

lab5-225221177 Info

Objects | Metadata | Properties | **Permissions** | Metrics | Management | Access Points

Permissions overview

Access finding
Access findings are provided by IAM external access analyzers. Learn more about [How IAM analyzer findings work](#).
[View analyzer for us-east-1](#)

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access
Off

Individual Block Public Access settings for this bucket

Tạo public.

aws Search [Alt+S] Ask Amazon Q Account ID: 8043-5399-8995 ▾ United States (N. Virginia) ▾ HaMinhQuan

Amazon S3 > Buckets > lab5-225221177

Successfully edited Object Ownership.

Permissions overview

Access finding
Access findings are provided by IAM external access analyzers. Learn more about [How IAM analyzer findings work](#).
[View analyzer for us-east-1](#)

Block public access (bucket settings)

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to all your S3 buckets and objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Block all public access
Off

Individual Block Public Access settings for this bucket

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

No policy to display.

[Edit](#) [Delete](#) [Copy](#)

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Lab 5 : Triển khai Peering trên AWS

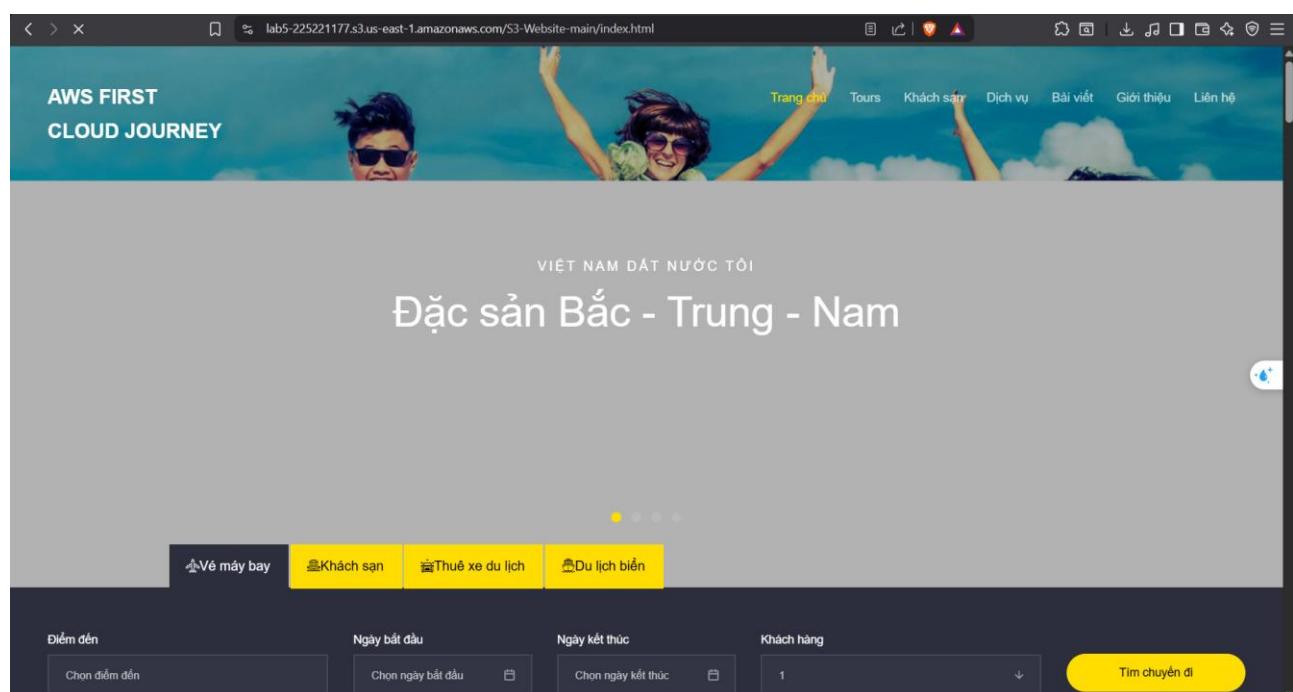
The screenshot shows the AWS S3 console with a green success message banner at the top: "Successfully edited public access View details below." Below this, there's a summary table:

Source	Status	Details
s3://lab5-225221177	Successfully edited public access	182 objects, 21.2 MB
	Failed to edit public access	0 objects

Below the table, there are two tabs: "Failed to edit public access" (selected) and "Configuration". Under "Failed to edit public access", it says "0 failed to edit" and shows a table header with columns: Name, Folder, Type, Last modified, Size, and Error.

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Vào thử website.

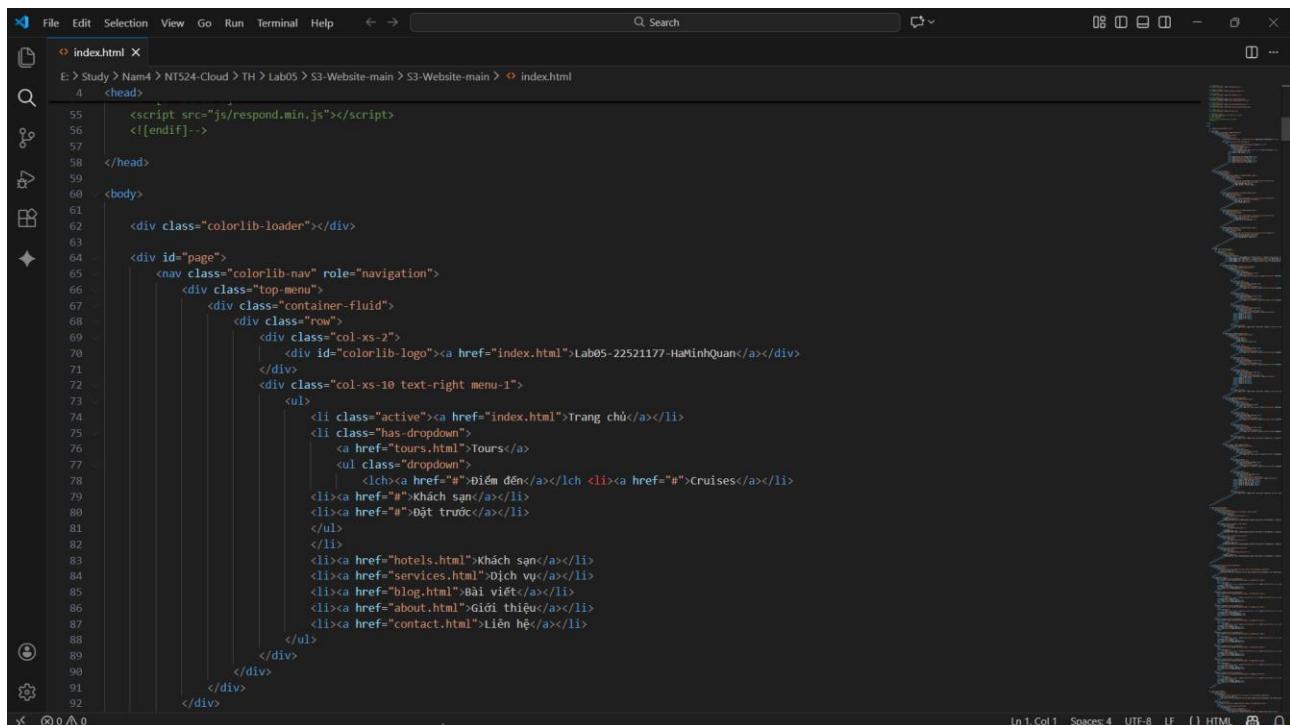


2.5. Bucket Versioning

The screenshot shows the AWS S3 bucket properties page for "lab5-225221177". A green success message banner at the top says "Successfully edited Bucket Versioning". Below this, there's a table with the row "lab5-225221177" and a "Info" link. The "Properties" tab is selected. At the bottom, there are navigation links: Objects, Metadata, Properties, Permissions, Metrics, Management, and Access Points.

Lab 5 : Triển khai Peering trên AWS

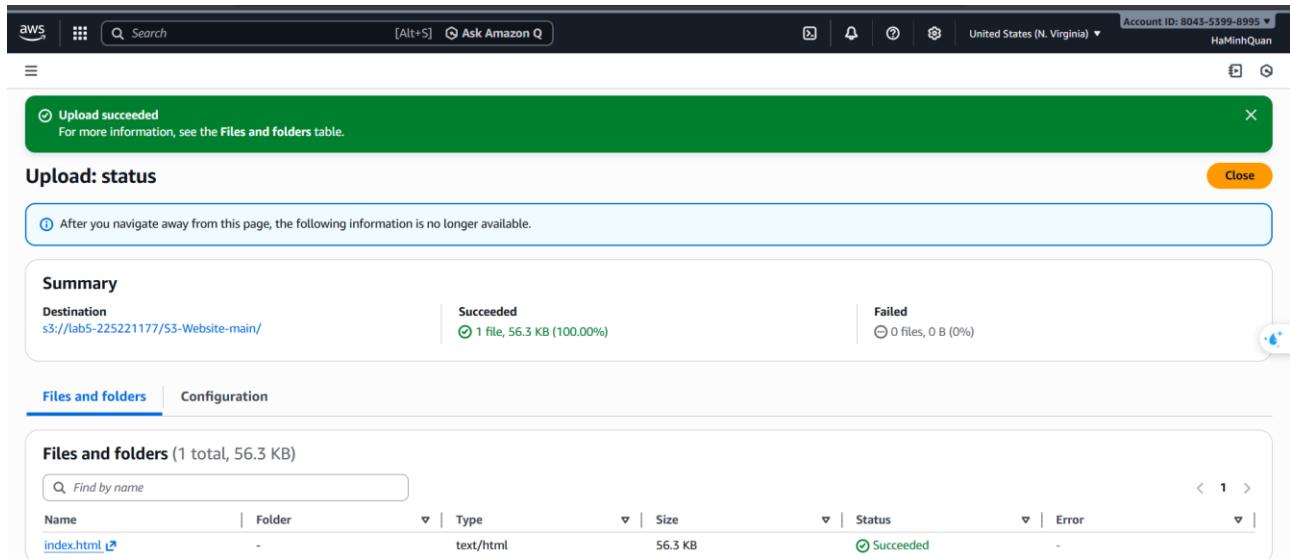
16



The screenshot shows a code editor with the file 'index.html' open. The code is written in HTML and includes a navigation bar with links to various pages like 'Trang chủ', 'Tours', 'Điểm đến', etc. The code is in Vietnamese.

```
<head>
<script src="js/respond.min.js"></script>
<![endif]>
</head>
<body>
<div class="colorlib-loader"></div>
<div id="page">
<nav class="colorlib-nav" role="navigation">
<div class="top-menu">
<div class="container-fluid">
<div class="row">
<div class="col-xs-2">
<div id="colorlib-logo"><a href="index.html">Lab05-22521177-HaMinhQuan</a></div>
</div>
<div class="col-xs-10 text-right menu-1">
<ul>
<li class="active"><a href="index.html">Trang chủ</a></li>
<li class="has-dropdown">
<a href="tours.html">Tours</a>
<ul class="dropdown">
<li><a href="#">Điểm đến</a></li>
<li><a href="#">Khách sạn</a></li>
<li><a href="#">Đặt trước</a></li>
</ul>
</li>
<li><a href="hotels.html">Khách sạn</a></li>
<li><a href="services.html">Dịch vụ</a></li>
<li><a href="blog.html">Bài viết</a></li>
<li><a href="about.html">Giới thiệu</a></li>
<li><a href="contact.html">Liên hệ</a></li>
</ul>
</div>
</div>
</div>
</div>
</div>
```

đổi index trong file.html, sau đó upload lại.



The screenshot shows the AWS S3 console with a success message: 'Upload succeeded'. It displays a summary of the upload, showing 1 file uploaded successfully (Succeeded) and 0 files failed. Below this, a table lists the uploaded file 'index.html' with its details: Name (index.html), Folder (-), Type (text/html), Size (56.3 KB), Status (Succeeded).

Upload succeeded
For more information, see the Files and folders table.

Upload: status

After you navigate away from this page, the following information is no longer available.

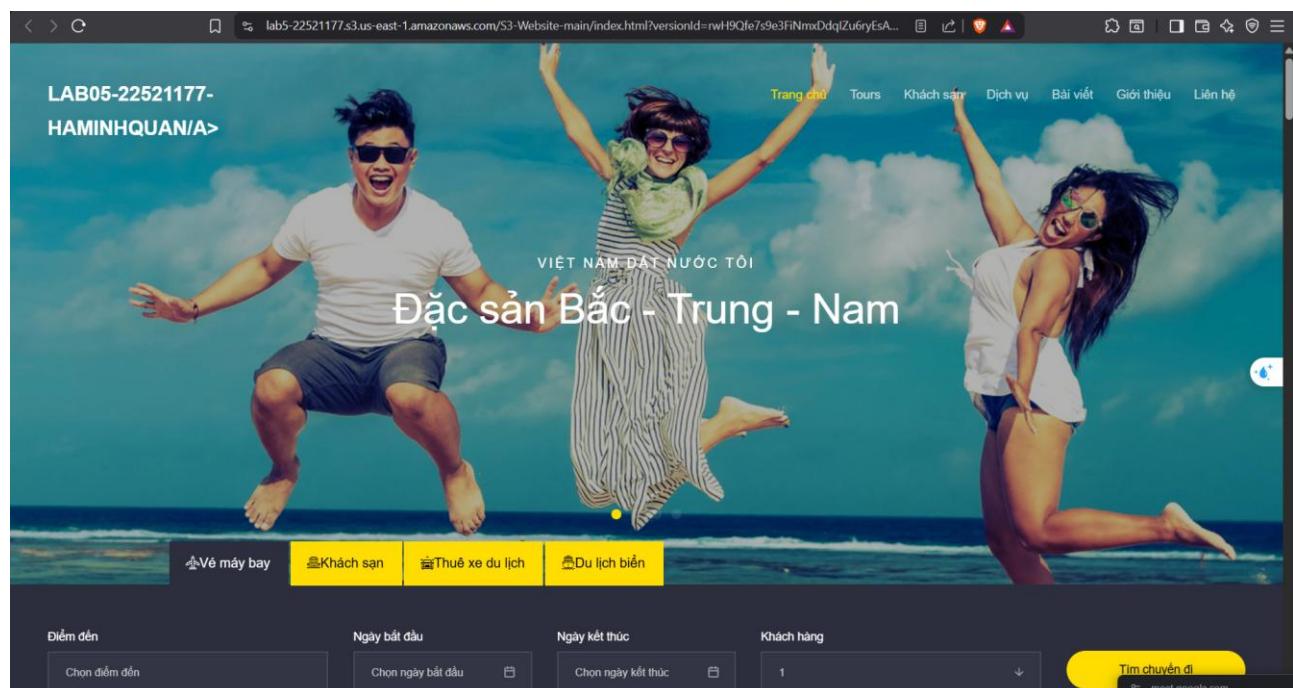
Summary		Succeeded	Failed
Destination	s3://lab5-22521177/S3-Website-main/	1 file, 56.3 KB (100.00%)	0 files, 0 B (0%)

Files and folders (1 total, 56.3 KB)

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	56.3 KB	Succeeded	-

có 2 file index.html, với thời gian sửa đổi của đồi tượng trên gần với thời gian hiện tại hơn đồi tượng bên dưới.

Sau khi đi vào thì đã chỉnh được file index.



2.6. Move

Lab 5 : Triển khai Peering trên AWS

The screenshot shows the AWS Lambda Move status page. A green banner at the top indicates "Successfully moved objects" with a count of 182 objects, 21.2 MB. Below this, a message says "Move: status" and a note that information will no longer be available after navigating away. The "Summary" section shows the source bucket as "s3://lab5-22521177". The "Successfully moved" section shows 182 objects, 21.2 MB. The "Failed to move" section shows 0 objects. Below the summary, there are tabs for "Failed to move" (which is selected) and "Configuration".

Move qua bên Sin thành công.

Kiểm tra chức năng cross 2 region trên bucket s3.

Thêm file bên máy chủ Singapore thì bên Virginia cũng sẽ xuất hiện file đó.

The screenshot shows the AWS S3 Objects list for the bucket "lab5-22521177". There is one object named "blog-3.jpg" which is a jpg file, 450.6 KB in size, and was last modified on December 16, 2025, 21:58:04 (UTC+07:00). The "Actions" dropdown menu is visible next to the object.

Vậy là đã hoàn phần S3.