

1. Spin up an EC2 instance

The screenshot shows the AWS Management Console interface for an EC2 instance. The left sidebar contains navigation links for EC2 Dashboard, EC2 Global View, Events, Tags, Limits, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Scheduled Instances, Capacity Reservations, Images, and AMIs. The main content area displays the 'Instance summary for i-0f3c3a5034eba8f3a (my web app)'. The instance is in a 'Running' state. Key details include: Instance ID: i-0f3c3a5034eba8f3a, Public IPv4 address: 44.211.44.30, Private IPv4 address: 172.31.86.130, Hostname type: IP name: ip-172-31-86-130.ec2.internal, Answer private resource DNS name: IPv4 (A), Auto-assigned IP address: 44.211.44.30 [Public IP], IAM Role: LabRole, VPC ID: vpc-0b7199845b6575873, Subnet ID: subnet-0d6bc00ac08e49e20, and Instance type: t2.micro. The instance was updated less than a minute ago.

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0f3c3a5034eba8f3a (my web app)	44.211.44.30 open address	172.31.86.130

IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-44-211-44-30.compute-1.amazonaws.com open address

Hostname type	Private IP DNS name (IPv4 only)	Elastic IP addresses
IP name: ip-172-31-86-130.ec2.internal	ip-172-31-86-130.ec2.internal	-

Answer private resource DNS name	Instance type	AWS Compute Optimizer finding
IPv4 (A)	t2.micro	Opt-in to AWS Compute Optimizer for recommendation s. Learn more

Auto-assigned IP address	VPC ID	Auto Scaling Group name
44.211.44.30 [Public IP]	vpc-0b7199845b6575873	-

IAM Role	Subnet ID	
LabRole	subnet-0d6bc00ac08e49e20	

Details | Security | Networking | Storage | Status checks | Monitoring | Tags

2. Configure a web server on EC2.

The screenshot shows a web browser window with the URL 44.211.44.30. The page displays the text 'Welcome to AWS at MIU' and 'Greeting from Seavpheng Lao'.

← → ↻ ⚠ Not Secure | 44.211.44.30

Welcome to AWS at MIU

Greeting from Seavpheng Lao

3. Create Lambda function

The screenshot shows the AWS Lambda console interface. At the top, the function name 'web_view' is displayed. Below it, the 'Function URL' is shown as <https://ne7lwsumtmtzrhbuh57ianf3ki0nlwnm.lambda-url.us-east-1.on.aws/>. The main section is titled 'Code source' and includes a toolbar with 'Test' and 'Deploy' buttons. The code editor shows a file named 'index.mjs' with the following JavaScript code:

```
1 export const handler = async(event) => {
2   // TODO implement
3   const response = {
4     statusCode: 200,
5     body: JSON.stringify(["FPP", "MPP", "MWA", "SWE", "Wor"]),
6   };
7   return response;
8 };
9
```

The screenshot shows a web browser window with the address bar displaying the function URL: ne7lwsumtmtzrhbuh57ianf3ki0nlwnm.lambda-url.us-east-1.on.aws. The browser's main content area displays the response of the function: `["FPP", "MPP", "MWA", "SWE"]`.

4. Call the api in angular and deploy the frontend app in S3

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](#) 

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```
{
  "Version": "2008-10-17",
  "Statement": [
    {
      "Sid": "AddPermission",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": "arn:aws:s3:::coursebucket.view/*"
    }
  ]
}
```

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Cloud computing course

1. Popeye
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5. Create my own AWS account

The screenshot shows the AWS IAM console interface. The left sidebar contains navigation links for Identity and Access Management (IAM), Access management, Access reports, and Related consoles. The main content area is titled 'My security credentials (root user)' and includes a section for 'Account details' and a section for 'Multi-factor authentication (MFA)'. The 'Account details' section shows the account name 'seavpheng', email address 'lao.seavpheng', and AWS account ID. The 'Multi-factor authentication (MFA)' section shows a table with one entry for a virtual MFA device.

Device type	Identifier	Created on
Virtual	arn:aws:iam:205872548178:mfa/seavpheng.aws	Now

The screenshot shows the AWS IAM console interface. The left sidebar contains navigation links for Identity and Access Management (IAM), Access management, Access reports, and Related consoles. The main content area is titled 'Users' and includes a search bar and a table with columns for User name, Groups, Last activity, and MFA. The table lists one user, 'seavpheng.iam', with the group 'admin.group' and last activity 'Never'.

User name	Groups	Last activity	MFA
seavpheng.iam	admin.group	Never	None