

E-commerce Website on AWS (Demo Session)

Phyo Min Htun @ AWS User Group Myanmar

@Channel - <https://phyominhtun.slack.com>

@linkedin - <https://www.linkedin.com/in/phyominhtun/>

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uid Phyo Min Htun (Phyo Min Htun PGP Key ...) <phyominhtun@protonmail.com>

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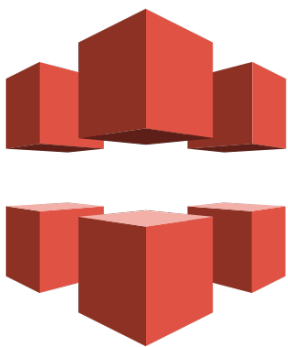


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AWS USER GROUP MYANMAR



Amazon
S3



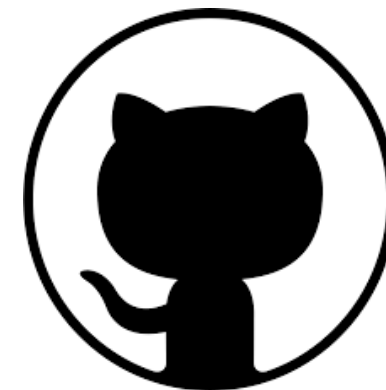
Amazon
CloudFront



Amazon
Route 53



Amazon
Certificate Manager



Github
<https://bit.ly/30domdD>

Amazon S3 - Simple Storage Service for storing data

Amazon Route53 - DNS Records

Amazon CloudFront - Content Delivery Network (CDN)

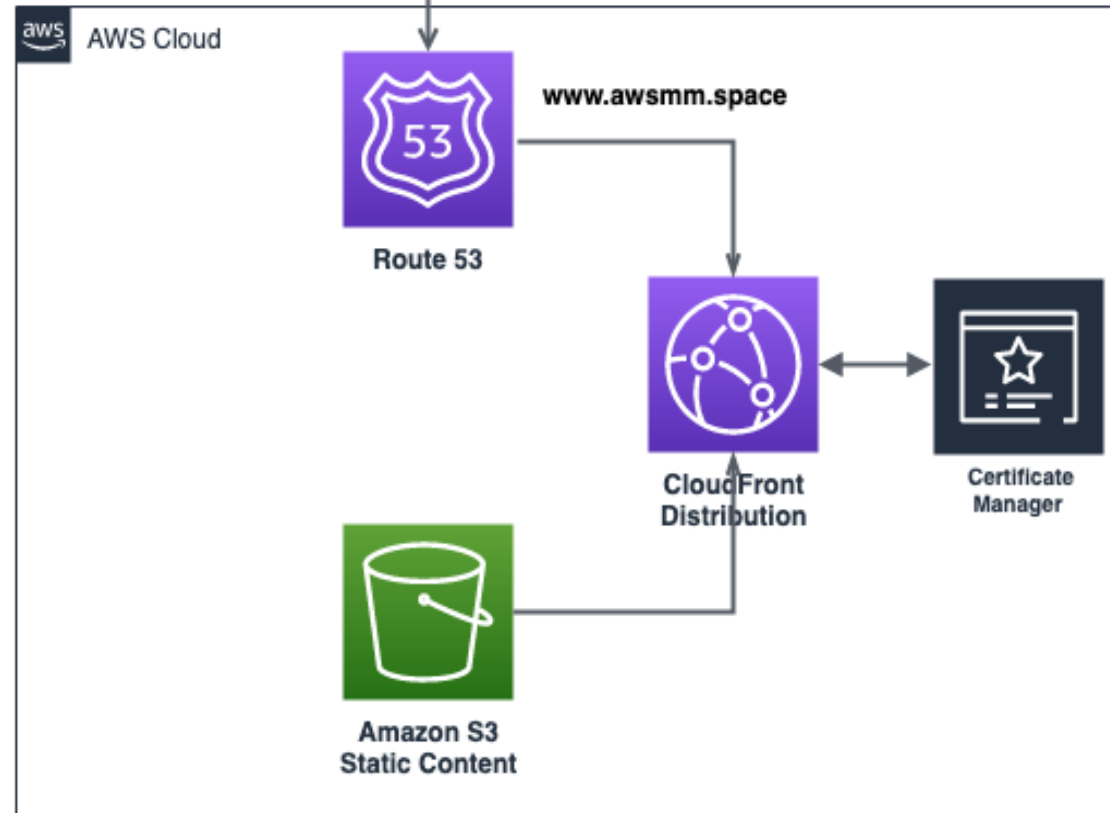
Amazon Certificate Manager (ACM)

Github - <https://bit.ly/30domdD>





Users



S3 Policy and Access

Block *all* public access

Off

Block public access to buckets and objects granted through *new* access control lists (ACLs)

Off

Block public access to buckets and objects granted through *any* access control lists (ACLs)

On

Block public access to buckets and objects granted through *new* public bucket policies

Off

Block public and cross-account access to buckets and objects through *any* public bucket policies

Off

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "",
      "Effect": "Allow",
      "Principal": "*",
      "Action": "s3:GetObject",
      "Resource": [
        "arn:aws:s3:::mybucket/*",
        "arn:aws:s3:::mybucket"
      ]
    }
  ]
}
```

Amazon CloudFront

Select a delivery method for your content.



Web

Create a web distribution if you want to:

- Speed up distribution of static and dynamic content, for example, .html, .css, .php, and graphics files.
- Distribute media files using HTTP or HTTPS.
- Add, update, or delete objects, and submit data from web forms.
- Use live streaming to stream an event in real time.

You store your files in an origin - either an Amazon S3 bucket or a web server. After you create the distribution, you can add more origins to the distribution.

Get Started

RTMP

Create an RTMP distribution to speed up distribution of your streaming media files using Adobe Flash Media Server's RTMP protocol. An RTMP distribution allows an end user to begin playing a media file before the file has finished downloading from a CloudFront edge location. Note the following:

- To create an RTMP distribution, you must store the media files in an Amazon S3 bucket.
- To use CloudFront live streaming, create a web distribution.

Get Started

[Cancel](#)



Amazon CloudFront

Distribution Settings

Price Class	<div>Use All Edge Locations (Best Performance) ▾</div>	<div>i</div>
AWS WAF Web ACL	<div>None ▾</div>	<div>i</div>
Alternate Domain Names (CNAMEs)	<div>www.awsmm.space</div>	<div>i</div>
SSL Certificate	<div><div><input type="radio"/> Default CloudFront Certificate (*.cloudfront.net)</div><div>Choose this option if you want your users to use HTTPS or HTTP to access your content with the CloudFront domain name (such as https://d1111111abcdef8.cloudfront.net/logo.jpg). Important: If you choose this option, CloudFront requires that browsers or devices support TLSv1 or later to access your content.</div></div> <div><div><input checked="" type="radio"/> Custom SSL Certificate (example.com):</div><div>Choose this option if you want your users to access your content by using an alternate domain name, such as https://www.example.com/logo.jpg. You can use a certificate stored in AWS Certificate Manager (ACM) in the US East (N. Virginia) Region, or you can use a certificate stored in IAM.</div></div> <div><div>www.awsmm.space (3bb7a766-cc9a-47)</div><div>i</div></div> <div><div>Request or Import a Certificate with ACM</div></div> <div><div>Learn more about using custom SSL/TLS certificates with CloudFront.</div><div>Learn more about using ACM.</div></div>	

Amazon Certificate Manager (ACM)

- ☒ **Request a public certificate** - Request a public certificate from Amazon. By default, public certificates are trusted by browsers and operating systems. [Learn more.](#)
- ☐ **Request a private certificate** - Request a private certificate from your organization's certificate authority. [Learn more.](#)

Domain name*

Remove

www.awsmm.space

Add another name to this certificate

You can add additional names to this certificate. For example, if you're requesting a certificate, customers can reach your site by either name. [Learn more.](#)

Domain name ▼	Additional names	Status ▼	Type ▼
www.awsmm.space		Issued	Amazon Issued

Amazon Route 53

DNS management

1

Hosted zones ⓘ

<div><input type="text" value="Search all fields"/> X</div> <div>All Types ▴ ▾</div>				
	Domain Name ▾	Type ▾	Record Set Count ▾	Comment
<input type="radio"/>	awsmm.space.	Public	3	awsugmm

Shall we start?



<https://awsmm.space>

[ABOUT ME](#)
[BACKGROUND](#)



Jim Hopper

November 9, 1983

"After Sara... I saw her too. And I heard her. I didn't know what was real. And then I figured out that it was in my mind, and I had to pack all that away... otherwise I was gonna fall down a hole, that I couldn't get out of."

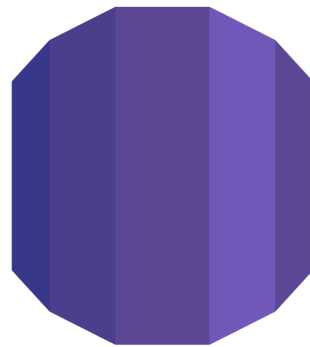
[LEARN MORE](#)

Want to build more?





Amazon
Ec2



Amazon
RDS



Amazon
S3



IAM



Amazon
Route 53

Amazon Ec2 - Computing Capacity in AWS Cloud

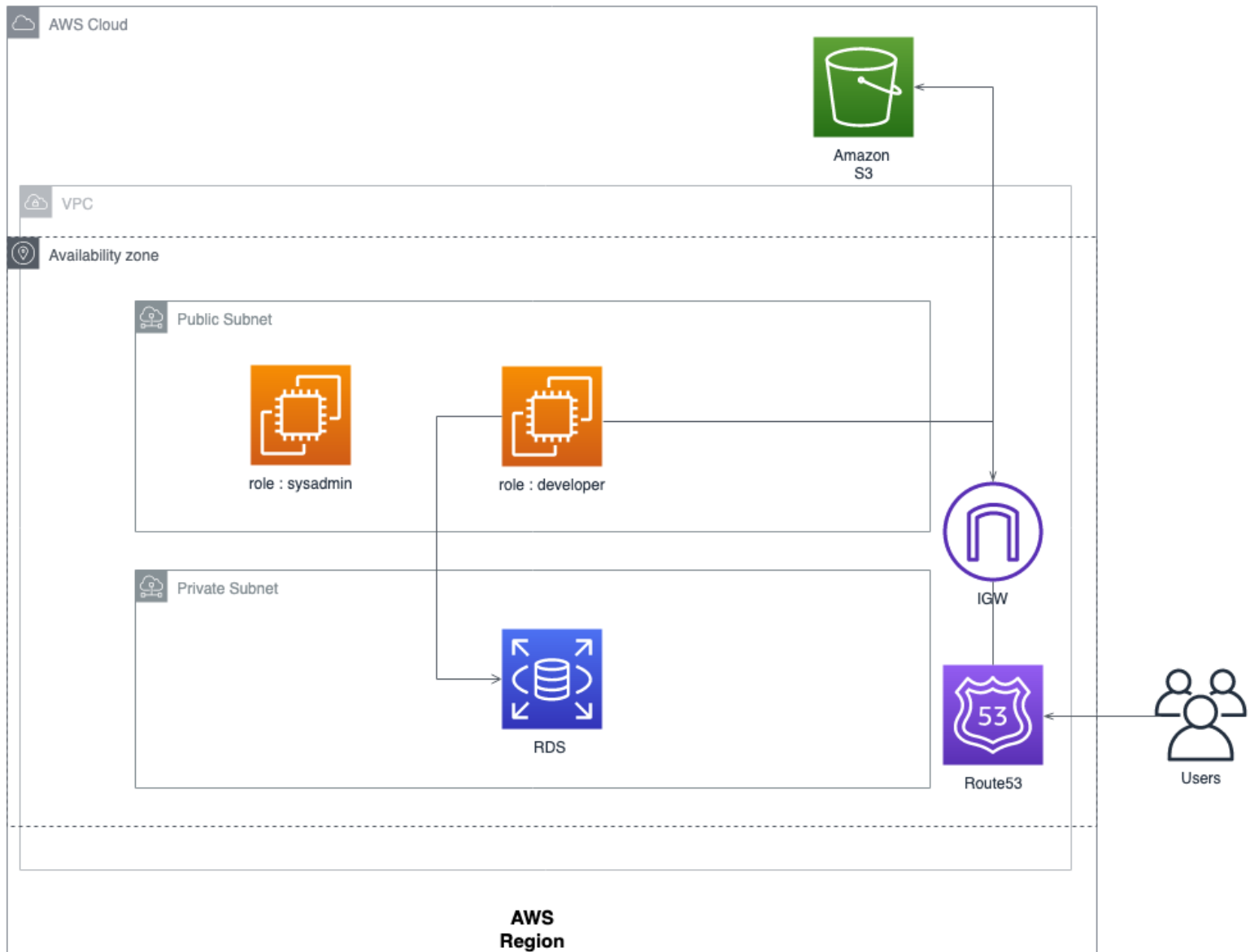
Amazon S3 - Simple Storage Service for storing data

Amazon Route53 - DNS Records

Amazon RDS - Managed Database Service

IAM - Controlling Access and Policy





Role-Based Paths



Cloud Practitioner

Learn cloud fundamentals and best practices

[View the Cloud Practitioner path](#)



Architect

Learn to design highly available systems

[View the Architect path](#)



Developer

Learn to develop applications for the cloud

[View the Developer path](#)



Operations

Learn to automate applications, networks, and systems

[View the Operations path](#)

Solutions Paths



Machine Learning

Dive deep into the same curriculum used to train Amazon's developers and data scientists

[Learn more about Machine Learning paths](#)



AWS Media Services

Learn to create professional quality media experiences using AWS Elemental services

[Learn more about Media Services paths](#)



Storage

Progress from fundamentals to deep dives to advance your AWS storage expertise

[Learn more about Storage paths](#)

Specialty Paths



Big Data

Design and implement AWS services to derive value from data

[View the Big Data path](#)



Advanced Networking

Design and implement AWS and hybrid IT architectures at scale

[View the Advanced Networking path](#)



Security

Learn processes and best practices for securing the AWS platform

[View the Security path](#)



Scan Me

FREE AWS Practitioner Online
Class:

<https://bit.ly/2GoLaPO>



Websites & Web Apps

6 Steps 4 hours 35 Credits

AWS offers services that provide businesses with a flexible, highly scalable, and low-cost way to deliver their websites and web applications. In this quest, you'll learn to work with foundational services for marketing websites on AWS.

Objectives

This quest is designed to teach you how to work with AWS services to develop and manage marketing websites on the cloud.

Quest Outline

HANDS-ON LAB

Introduction to Amazon EC2

This lab provides you with a basic overview of launching, resizing, managing, and monitoring an Amazon EC2 instance. Please DO NOT change the auto assigned region.

★★★★★ 1 hour Introductory 1 Credit

HANDS-ON LAB

Introduction to AWS Identity and Access Management (IAM)

This lab shows you how to manage access and permissions to your AWS services using AWS Identity and Access Management (IAM). Practice the steps to add users to groups, manage passwords, log in with IAM-created users, and see the effects of IAM policies on access to specific services.

★★★★☆ 45 minutes Introductory Free

HANDS-ON LAB

Using Open Data with Amazon S3

This lab demonstrates how to upload data to Amazon S3 and make it available for anyone to access via a web browser. You will learn how to create an Amazon S3 bucket, configure it to host a website, upload objects to it, and use JavaScript to display those objects on a web page. Along the way, you'll learn some best practices for creating open data. At the end of this lab you will have deployed a simple web site that makes data easy to access and provides basic documentation of the data.

★★★★☆ 1 hour 10 minutes Fundamental 8 Credits

Enroll Now

Enroll in this quest to track your progress toward earning a badge.

Join to Enroll in this Quest



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Advantage Subscription :
<https://bit.ly/2GrhYHM>

<https://www.qwiklabs.com/>



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AWS USER GROUP MYANMAR



YAY! We made it!!

AWS User Group Myanmar

<https://aws.amazon.com/developer/community/usergroups/asia-pacific/>

<https://www.facebook.com/awsugmm/>

<https://www.facebook.com/groups/AWSusergroupmyanmar/>