

AWS Core Services

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AWS USER GROUP MYANMAR

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- AWS Compute
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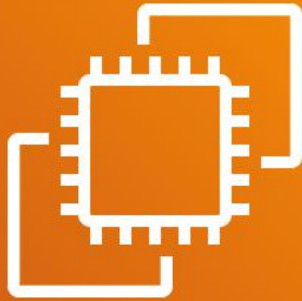
AWS Compute

where $1 + 1 = 2$ happens

AWS Compute



AWS Lightsail



AWS EC2



AWS ECS



AWS Lambda

AWS Lightsail



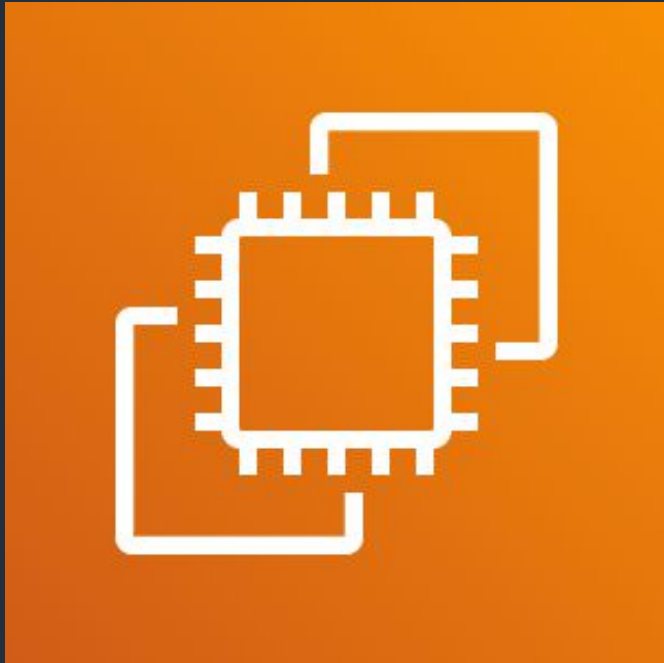
1. Easy to Use
2. Cost-Effective
3. Monthly Plan

But

Limited Functionality

*** The easiest way to run servers in AWS ***

AWS EC2 - Elastic Compute Cloud



1. Dedicated virtual servers
2. Remote access
3. Pay for what you use
4. Control instances from AWS console or AWS API

AWS ECS - Elastic Container Service



1. Easy to setup cluster
2. Removes maintenance overhead
3. Remote access
4. No additional charges for ECS

AWS Lambda - Serverless



1. Runs code in response to events
2. No management of compute infrastructure
3. Run code without provisioning or managing servers
4. Only pay for the compute time consumed
5. Zero administration

AWS Storage

Let me store your ❤️ in AWS

AWS Storage



AWS EBS



AWS EFS



AWS S3

AWS EBS - Elastic Block Storage



1. Similar to a hard drive:
2. Create partitions, boot O/S
3. Multiple volumes on the same EC2 instance
4. Durable (Auto replication in AZs, Backups in S3)

But

1. Only one volume can be attached to 1 instance

AWS EFS - Elastic File Service



1. Dynamic Elasticity
2. Cost-Effective
3. Scalable Performance
4. Fully Manage
5. Shared file storage

But

EFS distributed architecture results in a latency overhead for each file read/write operation

AWS S3 - Simple Storage Service



1. Easy to Use
2. Cost-Effective
3. Monthly Plan

But

Limited Functionality

*** The easiest way to run servers in AWS ***

AWS Database

Select * from 'database';

AWS Database



AWS RDS



AWS Dynamo DB

AWS RDS - Relational Database Service



1. Easy to manage
2. Highly scalable
3. Monthly Plan
4. Available and durable
5. Fast

But
Limited functionality
Depends on database

AWS Dynamo DB

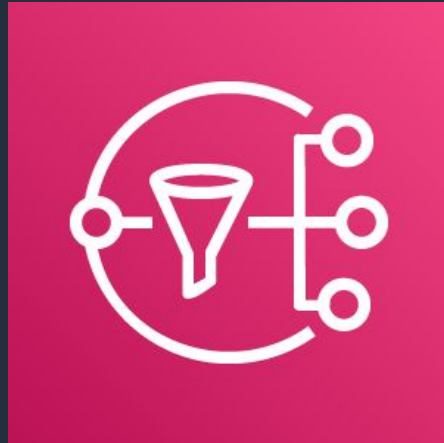


1. Serverless
2. Enterprise Ready
3. Performance at scale

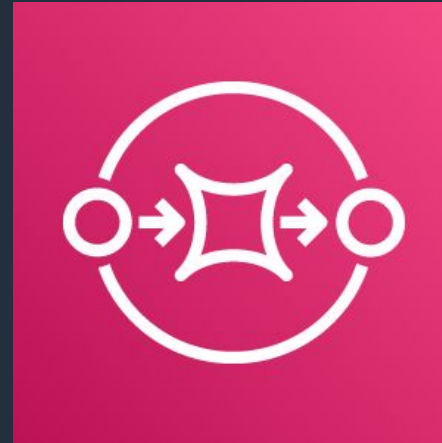
AWS Application Integration

Let me  you

AWS Application Integration



AWS SNS



AWS SQS

AWS SNS - Simple Notification Service



1. Reliable
2. Private and Secure
3. Managed by AWS

AWS SQS - Simple Queue Service



1. Reliable
2. Scalable
3. Low cost



Others

AWS Elastic Load Balancer



1. Highly Available
2. Secure
3. Flexible
4. Hybrid Load balancing

AWS Route 53 - DNS



1. Simple
2. Fast
3. Cost effective
4. Scalable

AWS Cloud Watch



1. Centralized logging
2. Easiest way to collect logs from aws resources

?

AWS User Group Myanmar

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AWS Networking



127.0.0.1

AWS Management

I am always 👁 you