

# AWS Learning Roadmap (1)

## Related Roadmaps

- ✓ Backend Roadmap
- ✓ DevOps Roadmap

## Note

AWS has lots of services. You don't need to be proficient in all that they have to offer. This roadmap only covers an opinionated list of services to help you get started.

### Step 1 - Essentials

- ☐ IAM - Access Control for all services
- ☐ VPC - Networking Layer
- ☐ EC2 - Compute

### Step 2 - Learn these next

- ☐ S3 - Storage
- ☐ SES - Emails
- ☐ Route53 - DNS
- ☐ Cloudwatch - Metrics, Alarms, Logs etc
- ☐ Cloudfront - CDN

### Step 3 - Pick these after

- ☐ RDS - Managed Databases
- ☐ DynamoDB - NoSQL Storage
- ☐ ElastiCache - Redis/Memcached
- ☐ ECS - Containers
- ☐ EKS - Kubernetes

### Step 4 - Serverless

- ☐ Lambda
- ☐ ECS Fargate

Best way to learn? Make a simple app and use the services listed above for deployment.

Find the detailed version of this roadmap  
Along with resources and more roadmaps

<https://roadmap.sh>

AWS

Introduction

What is Cloud Computing?

IaaS vs PaaS vs SaaS

Public vs Private vs Hybrid Cloud

Introduction AWS

AWS Global Infrastructure

Shared Responsibility Model

Well Architected Framework

Start with Essential Services

EC2

VPC

Instance Types

CPU Credits

Storage / Volumes

Keypairs

Elastic IP

User Data Scripts

Purchasing Options

CIDR Blocks

Subnets

Route Tables

Security Groups

Internet Gateway

NAT Gateway

Private Subnet

Public Subnet

Auto-Scaling

AMIs

Launch Templates

Auto-Scaling Groups

Scaling Policies

Elastic Load Balancers

Identity-Based

Resource-Based

Instance Profiles

Assuming Roles

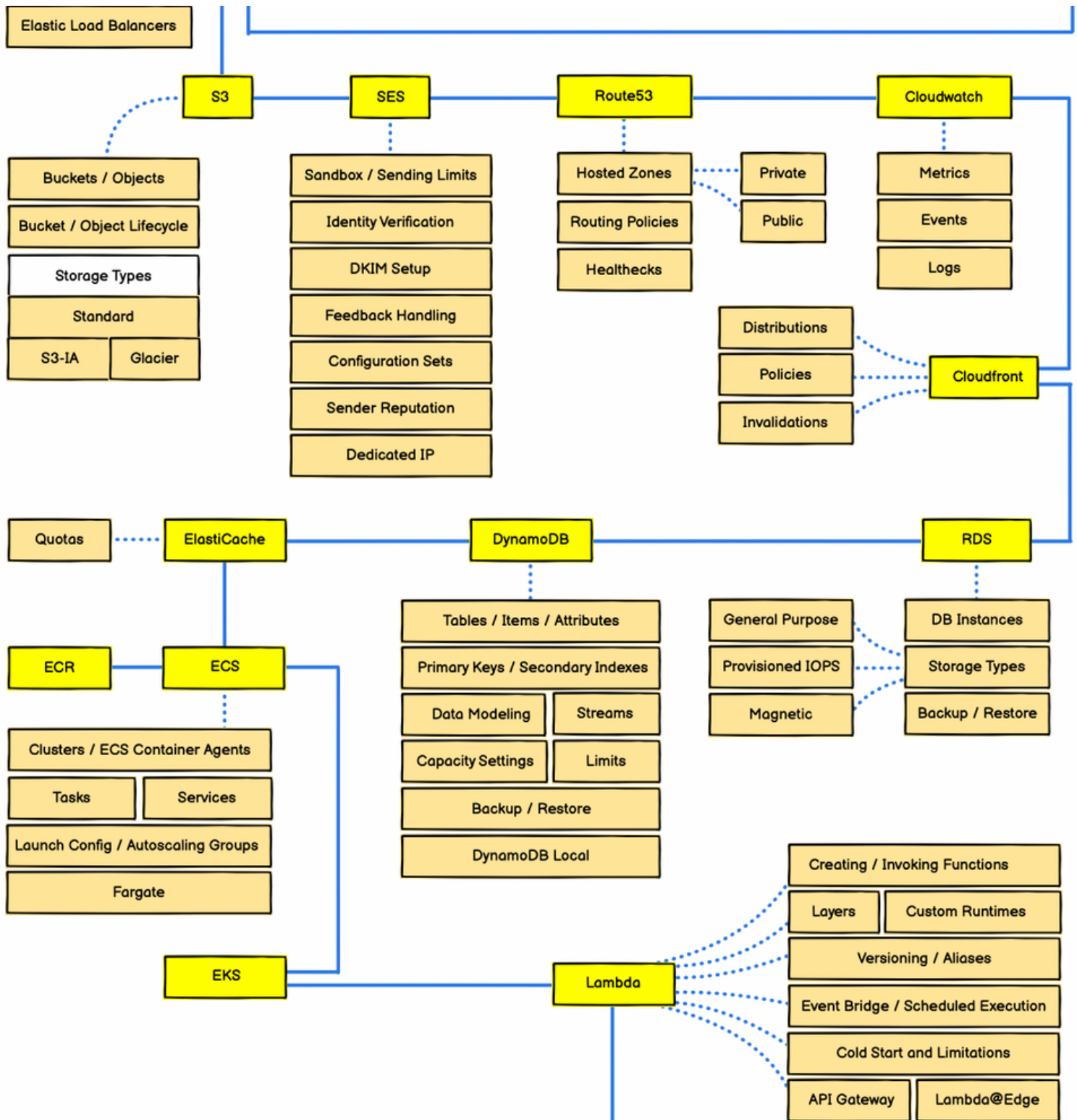
Policies

Users / User Groups

Roles

IAM

# AWS Learning Roadmap (2)



## Keep Learning