



**AWS Learning Path**

# Basic

## 2.1 Course Outline

## Compute

* Elastic Cloud Compute
* EC2 auto scaling
* Elastic Load Balancing

## Storage & Content Delivery

* Simple Storage Service
* Elastic Block Store (EBS)

## Databases

#### Amazon Relational Database Service (RDS)

**2.2 Learning Source**

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| Topic | Learning Source | Additional Reading | Duration |
| AWS Essentials | [AWS](https://www.youtube.com/watch?v=8p1bTTV6ATE&index=4&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk) Free Tier  [Creating AWS Account](https://www.youtube.com/watch?v=_siSwgpVQNc&index=5&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk)  [How to navigate AWS Console](https://www.youtube.com/watch?v=A43m4TDFCUM&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=6)  [AWS Availability Zones](https://www.youtube.com/watch?v=ET_CSqdGsYg) |  | 25 Min |
| EC2 | [AWS Essentials: EC2 Basics](https://www.youtube.com/watch?v=dO1X7QG_4xw)  [AWS Essentials: Amazon Machine Images (AMIs)](https://www.youtube.com/watch?v=B7M31vywgs4&index=27&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk)  [AWS Essentials: Instance Types](https://www.youtube.com/watch?v=noOAJRBa9yw&index=28&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk)  Lab:Launching and [Using](https://www.youtube.com/watch?v=BCM9aaaWvR0&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=32) an EC2 Instance | <http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/concepts.html>  <https://aws.amazon.com/getting-started/tutorials/launch-a-virtual-machine/> | 25 Min |
| Elastic load balancer | [AWS ELB](https://www.youtube.com/watch?v=G8G1pgOaEBg) | http://docs.aws.amazon.com/elasticloadbalancing/latest/userguide/how-elastic-load-balancing-works.html | 28 Min |
| Auto-Scaling | Lab:[Auto-scaling group and Launch Configuration](https://www.youtube.com/watch?v=vNic2xziwlY) | http://docs.aws.amazon.com/autoscaling/latest/userguide/WhatIsAutoScaling.html | 30 Min |
| S3 | [S3 Basic](https://www.youtube.com/watch?v=f9hXcxHnQuE&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=20)  [S3Buckets and Objects](https://www.youtube.com/watch?v=skJosIhDNF0&index=21&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk)  [AWS Storage Classes](https://www.youtube.com/watch?v=DFfgYapmu9s&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=22)  [AWS Object Versioning](https://www.youtube.com/watch?v=I-OW9Kr2NGs&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=25)  [AWS Object Lifecycle](https://www.youtube.com/watch?v=B-z9hNj3Fw4&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=23) | <http://docs.aws.amazon.com/AmazonS3/latest/gsg/GetStartedWithS3.html>  <https://aws.amazon.com/getting-started/tutorials/backup-files-to-amazon-s3/> | 40 Min |
| EBS | [AWS EBS](https://www.youtube.com/watch?v=S0gzrxsVQHo&index=29&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk) | http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AmazonEBS.html | 8 Min |
| RDS | [Introduction to AWS](https://aws.amazon.com/training/intro_series/)  [AWS RDS Basics](https://www.youtube.com/watch?v=KcJ8-I7kD_w&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=33)  [Lab: Provisioning an RDS MySQL Database](https://www.youtube.com/watch?v=OE25Sni15vo&list=PLv2a_5pNAko0Mijc6mnv04xeOut443Wnk&index=34) | <http://docs.aws.amazon.com/AmazonRDS/latest/UserGuide/Welcome.html> | 16 Min |