



# DAY- 3

## AWS EC2

# AWS Architecture and Design

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1. Day 1 Overview of Cloud Computing
2. Day 2 Overview of AWS
3. **Day 3 Amazon EC2\***
4. Day 4 Amazon EBS \*
5. Day 5 Amazon CloudWatch \*
6. Day 6 Amazon S3\*
7. Day 7 Amazon Elastic Load Balancer \*
8. Day 8 Amazon Auto Scaling \*
9. Day 9 Amazon VPC \*
10. Day 10 Amazon IAM \*
11. Day 11 Amazon RDS
12. Day 12 Amazon Route 53 \*
13. Day 13 Amazon DynamoDB\* & Glacier
14. Day 14 Amazon Cloudfront\* & Import Export & Amazon SES \*
15. Day 15 Amazon ElasticBeanStalk & Amazon Cloudformation & Amazon OpsWorks
16. Day 16 AWS Economics & AWS Account Overview \*
17. Day 17 AWS Architecture
18. Day 18 AWS Certification Preparation

# AWS Elastic Compute Cloud

# AWS EC2

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Till now we learned:

- What is EC2?
- What is AMI and types of AMI
- EC2 Pricing
- EC2 Key Terminology
  - Security Groups
    - Key Pairs
    - Elastic Ips
- EC2 Pricing

We are now going to see AWS EC2 Demo

→ Pre-Requisite

→ Download Putty & PuttyGen [<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>]

→ Download WinSCP [<https://winscp.net/eng/download.php>]

## → EC2 Demo Steps

- 1) Create a key-pair
- 2) Create a Security Group
- 3) Launch a Linux Instance
- 4) Connect to Instance with Putty
  - 4.1) Configure Apache
  - 4.2) Test the Application
- 5) Attach Elastic IP
- 6) Launch a Windows Instance
- 7) Demo of Spot Instance
- 8) Show How to Get Reserved Instance

# Connect EC2

OS / Flavor	AMI Username	Legacy / Other AMI Name
Amazon Linux	ec2-user	
Ubuntu	Ubuntu	Root
Debian	admin	Root
RHEL 6.4 and later	ec2-user	
RHEL 6.3 and earlier	root	
Fedora	ec2-user	root
CentOS	root	
SUSE	root	
BitNami	bitnami	
TurnKey	root	
FreeBSD	ec2-user	
OmniOS	root	

We learned about

- » What is EC2
- » Key Terminology of EC2
- » Hands on with EC2

In next session we will have overview about  
How to use AWS Elastic Block Storage: EBS



# Thank You

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