

Amazon Simple Storage Services (S3)

July 2016

Ground Rules for Face-to-face Classrooms



Ground Rules for Virtual Classrooms

Participate actively in each session

Share experiences and best practices

Bring up challenges, ask questions

Discuss successes

Respond to whiteboards, polls, quizzes, chat boxes

Hang up if you need to take an urgent phone call, don't put this call on hold

Communicate professionally with others

Mute when you're not speaking

Wait for others to finish speaking before you speak

Each time you speak, state your name

Build on others' ideas and thoughts

Disagreeing is OK –with respect and courtesy

Be on time for each virtual session

As a best practice...be just a few minutes early!

Module at a Glance

SME to provide the details required in the table.

Target Audience:	
Course Level:	<i>Basic</i>
Duration (in hours):	30 mins
Pre-requisites, if any:	Java, J2EE , Web Sevices
Post-requisites, if any:	<i>Submit Session Feedback</i>
Relevant Certifications:	None

Introductions (for Virtual Classrooms)

SME to provide the
photos and names of
the facilitators.

Business Photo

Facilitator
Name
Role

Business Photo

Moderator
Name
Role

Agenda

1	Introduction to Amazon Simple Storage Service (S3)
2	Scenario
3	How to use
4	S3 Buckets
5	Lab

Module Objectives

Note to the SME : Please provide the module Objectives or validate the partially updated content



What you will learn

At the end of this module, you will learn:


- What is Jenkins

What you will be able to do

At the end of this module, you be able to:

- Understand what is Jenkins
- State how to install Jenkins
- Describe how to create a Simple Job in Jenkins
- List the Plug-ins used in Maven
- Explain the big picture of Jenkins





Introduction to Amazon Simple Storage Service (S3)

Introduction to Amazon Simple Storage Service

- Simple Storage Service (S3)
- Safe
- Secure
- Highly scalable object storage in Cloud.
- Used to store and retrieve any amount of data, at any time, from anywhere on the web.
- Avoid having to buy hardware and paying for storage that is not being used.

Introduction to Amazon Simple Storage Service

- Affordable solution for hosting data.
- Pay for only storage and bandwidth usage.
- Commonly used for
 - Backup
 - Storage
 - Application and media hosting
 - Hosting high-traffic websites
 - Software delivery

Scenario

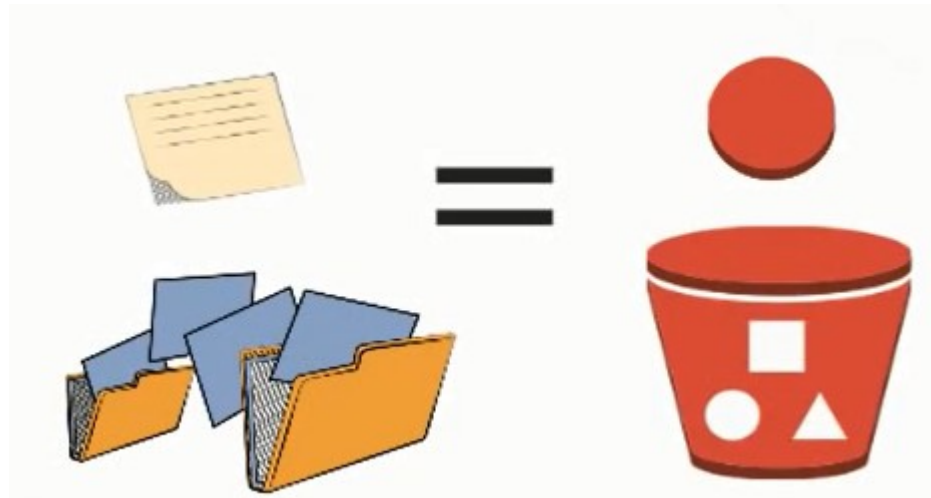
- Lets say we want to build a website for our business or a family blog. We can store static content in Amazon S3 for faster retrieval and reduces cost.
- We can also use S3 to securely store our information and backup our critical data off-site.
- Allows versioning, so we have a record of changes and can roll back to any previous version when needed.
- Amazon S3 is designed for 99.99% durability.
 - Used by starts ups to fortune 1000 companies worldwide.

How to use

- Provides standards based REST and SOAP web services APIs so we can programmatically store, retrieve and manage our data.
- Most developers building applications on Amazon S3 use the software development kit (SDK), which wraps the underlying REST API.
- Use command line interface to access Amazon S3.
- Also use AWS Management Console which is a simple web interface.

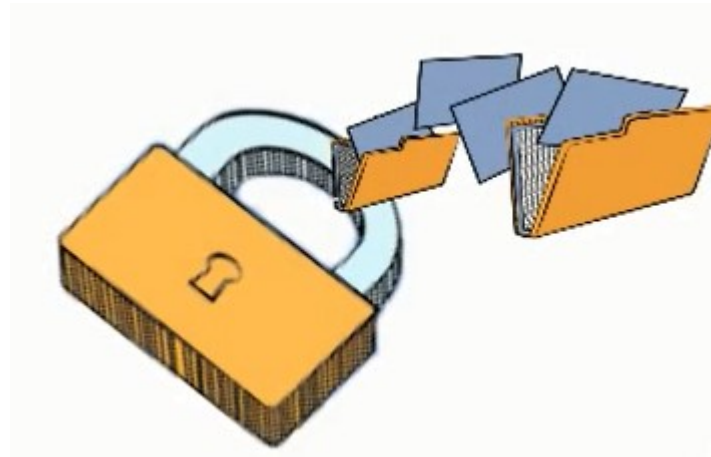
S3 Buckets

- Buckets are containers for object.
- Have one or more buckets.
- Stores data as objects.
- Objects are stored with in folders that are called “**buckets**”.



S3 Buckets

- Upload the file which we want to store it into buckets.
- Set permissions on the objects so it's private until we want to share it.



S3 Buckets

- Control access to the Buckets
 - Create
 - Delete
 - List



Lab

- Open AWS account
- Go to S3
- Create new bucket
- Upload files
- See the file URL
- Try deleting file
- And delete bucket also.



People matter, results count.

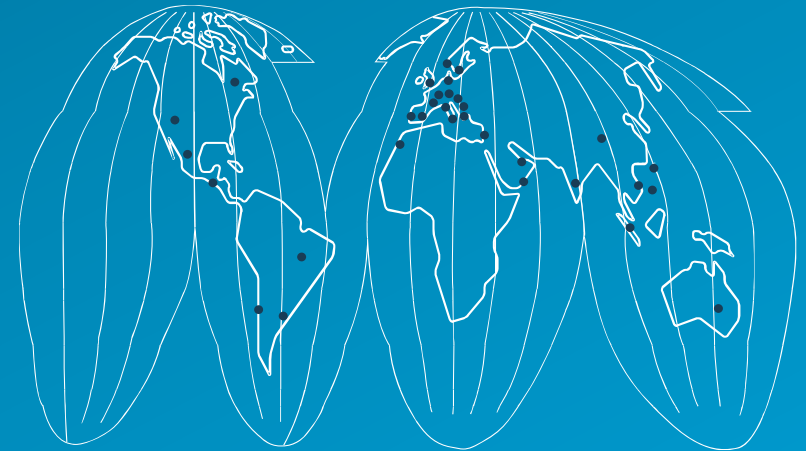


About Capgemini

With more than 145,000 people in 40 countries, Capgemini is one of the world's foremost providers of consulting, technology and outsourcing services. The Group reported 2014 global revenues of EUR 10.5 billion.

Together with its clients, Capgemini creates and delivers business and technology solutions that fit their needs and drive the results they want. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

Rightshore® is a trademark belonging to Capgemini



www.capgemini.com

