**Day 2: Agenda**

**1**. Amazon S3 - Cover S3 Buckets, Details GIT

**2**. Lab Exercise – Use case#2

* Create Buckets in S3.
* Upload and move files between buckets.
* Download files from S3 bucket to EC2

**Amazon S3**:  Amazon S3 is just a storage service, used to store large binary files. We don't need to run an

EC2 instance, we can also store stacks of data here.

Questions:

1. How do you copy files from S3 to EC2 instance?
2. Copy command to copy files from bucket to another bucket?
3. What is an alternate for S3?
4. Can the files uploaded in S3 be viewed by anyone?
5. What are rsync and lsync?
6. How many buckets can be created in EC2 instance?

* Useful URL’s:

<http://docs.aws.amazon.com/cli/latest/userguide/cli-chap-getting-set-up.html>

http://kbroman.org/github\_tutorial/

**Use Case:2**

* Create Bucket’s in S3 - Create buckets by giving bucket name and region.

Example: Bucket1 & Bucket2, ..

* Upload file in bucket1
  + Move files between buckets
  + Copy and Paste
* Download file from S3 to EC2
  + - * Crete user in IAM console
      * Choose the Security Credentials tab and then choose Create Access Key
  + Installing CLI – review below link and follow below steps..
    - * <http://docs.aws.amazon.com/cli/latest/userguide/installing.html>
  + First install **python**
* **apt-get install python**
  + Install **PIP**
* **curl -O** [**https://bootstrap.pypa.io/get-pip.py**](https://bootstrap.pypa.io/get-pip.py)
* apt install python-pip
  + Install the AWS CLI using PIP:
    - * **pip install awscli**
  + Upgrade PIP:
    - * pip install --upgrade pip
  + To upgrade an existing AWS CLI installation:
* **pip install --upgrade awscli**
  + Download the [AWS CLI Bundled Installer](https://s3.amazonaws.com/aws-cli/awscli-bundle.zip) using **wget** or **curl**.
    - * **curl "https://s3.amazonaws.com/aws-cli/awscli-bundle.zip" -o "awscli-bundle.zip"**
  + Unzip the package
* **unzip awscli-bundle.zip**
  + Run the install executable.
    - * **./awscli-bundle/install -i /usr/local/aws -b /usr/local/bin/aws**
  + **Configuring the AWS Command Line Interface**
* **aws configure**
  + - **Give the information required from the excel sheet downloaded**
* Downloaded file from S3 to EC2
  + - * **aws s3 sync s3://bucket1 .**