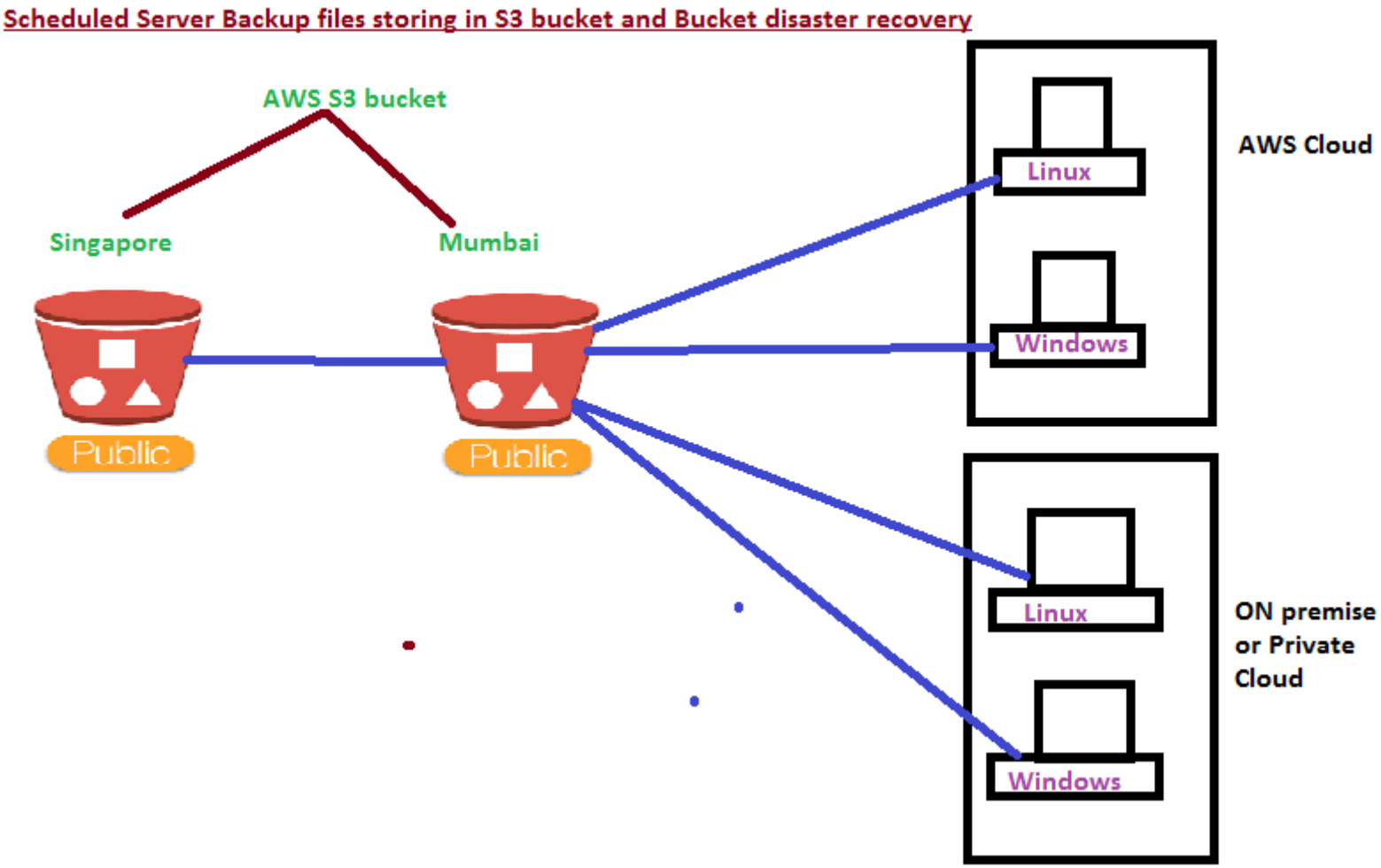

UPTIME
BALANCIN
UNSCHEDULED
SCHEDULED
MAINTENANCE
HIGH
SLA
REDUNDANCY
SYSTEM
LOAD
AVAILABILITY
IINES
FAILOVER
RELIABILITY
ACCESS
DOWNTIME
SERVICES
FAILURE

HA - Sync Instances with S3 bucket



Sync S3 bucket with EC2 instance (Linux) --Steps

1) Open IAM –create an user and assign Amazons3fullaccess policy there.

2) Open this user –Security credential –create access key –download access key.csv file –open it with excel and note down access key and secret access key.

3) Open S3 and create one bucket (indiabucket) –open the bucket—create 3 folder there(lab1, lab2, lab3)

4)Launch Amazon linux2 AMI ---Open it – type command “aws configure” and give the data.

Access key:

Secret access key:

Default region: ap-south-1

Output format: JSON

$ mkdir lab11

$ cd lab11

$ touch file1 file2 file2

$ aws s3 sync /home/ec2-user/lab11 s3://indiabucket/lab1

Now check the data in S3 bucket

Upload some files in S3 bucket—Come to EC2 instance

$ aws s3 sync s3://indiabucket/lab1 /home/ec2-user/lab11

$ ls

Sync S3 bucket with EC2 instance (Windows) --Steps

1) Open IAM –create an user and assign Amazons3fullaccess policy there.

2) Open this user –Security credential –create access key –download access key.csv file –open it with excel and note down access key and secret access key.

3) Open S3 and create one bucket (indiabucket) –open the bucket—create 3 folder there(lab1, lab2, lab3)

4)Launch Windows instance ---Open it – Download and install “Amazon CLI “

Open cmd– type command “aws configure” and give the data.

Access key:

Secret access key:

Default region: ap-south-1

Output format: JSON

C:\ mkdir lab22

C:\ cd lab22

C:\ touch file1 file2 file2

C:\ aws s3 sync c:\lab22 s3://indiabucket/lab2

Now check the data in S3 bucket

Upload some files in S3 bucket—Come to EC2 instance

C:\ aws s3 sync s3://indiabucket/lab2 c:\lab22

C:\ ls

How to Schedule the File sync (Auto Backup)(Windows)

Windows

1) Create one batch file and write the command there

aws s3 sync c:\awsdata2\ s3://awsbatch100/windows1

Save file--- file name: s3sync.bat, save as type: all files

2) Open task Scheduler – create basic task—name:test1 –next—select daily-next-set time –next—start a program– browse and select created batch file –ok—finish.

3) Now create some files in c:\awsdata2\ folder and wait for that scheduled time –then check the output in s3 bucket.

How to Schedule the File sync (Auto Backup)(Linux)

Linux

1) Create one shell script file and write the command there

$ pwd

/home/ec2-user

$nano test1.sh

aws s3 sync /home/ec2-user/linux11 s3://awsbatch100/linux1

Save and exit

2) Chmod u+x test1.sh

3) crontab –e

- * * * * sh /home/ec2-user/test1.sh

3) Now create some files in /home/ec2-user/linux11 folder and wait for that scheduled time –then check the output in s3 bucket.

Note: the given time is to run the script in every one minue