Date 26-05-2024

AWS Backup

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25.05.2024

Backup

EC2 >>>> AMI or Snapshot

EFS

S3

RDS

etc

Manual or schedule (Automated)

AWS Backup (Regional) >>>>>> Manual or schedule (Automated)

<https://aws.amazon.com/backup/pricing/>

A screenshot of a computer

Description automatically generated

**Pricing**

With AWS Backup, you pay only for the amount of backup storage you use and the amount of backup data you restore in the month. There is no minimum fee and there are no set-up charges.

tep 1 >>> Create a Backup Plan

Step 2 >>> Choose your Resources or Assign your Resources

AWS Backup Lab

Lab 1 - On-Demand Backup

Lab 2 - Automated Backup

Lab 3 - Restore

Lab 1 - On-Demand Backup

Pre-req

Backup vault >>>> Create backup vault >>>> Backup vault name >>>> MyVault

Encryption key >>>>> Default

Create

1 - Choose a Region and make sure you have EC2 otherwise create one EC2 with default settings as you know

2 - Go to Protected resources >>> Create on-demand backup

3 - Resource type >>> Ec2

Instance ID >>>> Choose your EC2 that you have created above

Backup window >>>> Create backup now

Total retention period >>>> 1 day

Backup vault >>> Choose the one that you have created above

IAM role >>> Default

Create on-demand backup

4 - You can monitor under the jobs

Now if you can see "Protected resources" >>>> it is Empty but after Backup completes >>> you can see one Protected resource

Cleanup your lab >>> Backup vaults >>> Select your resource under Recovery points >>> Actions >>> Delete

Go back to the protected resources >>> Its empty again.

Lab 2 - Automated Backup

1 - Go to Backup plans >>>> Create backup plan >>>>> Build a new plan

Backup plan name >>>>> ec2dailybackup

Schedule >>>>> Backup rule name >>> myschedule

Backup vault >>> Choose your Vault

Backup frequency >>> Daily

Backup window >>>> Start time >>> Choose time 3-5 mints ahead for this demo

Start within >>> 1 hour

Complete within >>> 2 hour

Total retention period >>> 1 days

Create a Plan

2 - Assign resources

Resource assignment name >>>> myEC2

IAM role >>> Default Role

Resource selection >>> Include specific resource types

Select specific resource types >>> Ec2

Instance IDs >>> Choose your resource

Assign resources

Keep watching your last runtime at the backup plan

Also from the Backup jobs