

About Project And Personal Details

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Project Name: Personal File Management and Backup on AWS

In this project, I used Amazon EC2 as a virtual server to host and manage my personal files. I uploaded my files to the EC2 instance using SCP (Secure Copy). To protect the files and prevent data loss, I created a shell script that automatically copies all files from the EC2 instance to an Amazon S3 bucket. I used an IAM role attached to the EC2 instance for secure access to S3 without using access keys, following AWS best practices. The backup process can be automated using cron jobs so that files are backed up regularly without manual intervention.

Technologies Used:

Amazon EC2

Amazon S3

SCP (Secure Copy)

Shell scripting

IAM Roles

Cron jobs