



SATHASIVAM SIVALINGAM



AWS CERTIFIED
SOLUTIONS ARCHITECT
- ASSOCIATE

CONTACT

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CERTIFICATION

AWS Certified Solutions Architect
Associate.

105d531f22fc4b7da0d195747834030e
<https://aws.amazon.com/verification>

SKILLS

- EC2
- EBS
- VPC
- IAM
- AMI
- Route 53
- S3 Buckets
- EFS
- AWS Lambda
- RDS
- CloudWatch

PROFILE

Highly motivated and experienced professional seeking a challenging role in Linux system administration and AWS cloud computing. Leveraging a strong background in Linux operating systems and expertise in AWS services, The goal is to Contribute to the optimization, maintenance, and scalability of Cloud infrastructures. Dedicated to implementing efficient solutions and staying updated with emerging technologies to drive organizational growth and success.

EXPERIENCE

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EXPERIENCE IN LINUX

- Competent in the installation & configuration of Linux servers, specializing in RHEL & CentOS distributions.
- Installing and managing packages on Red Hat Linux using YUM and DNF. Creating a LAMP Server by installing MySQL, Apache & PHP.
- Configuring of Logical Volume Manager (LVM) to manage volume group, logical and physical partitions and importing new physical volumes.
- Developed a basic understanding of SMTP protocols and email services.
- Implemented and configured a basic FTP server on a Linux environment using vsftpd.
- Configured a Linux server as an NFS server, allowing seamless file sharing across the network.
- Executed Tar File for system backup & file recovery in Linux Virtual machine.
- Manage access controls, including user permissions, sudo configurations, and file system permissions.
- Implemented and configured a simple SMTP server on a Linux environment using Postfix.
- Implementing special permissions for maintaining security and configuring access to directory file in Linux systems.
- Installed and maintained the servers like Apache, LAMP& Nginx on Linux systems, ensuring robust web hosting capabilities.

EDUCATION

Pavai Engineering College Namakkal

Bio Medical Engineering (B.E)

71% 2018-2022

Rasi Matric Hr Sec School

HSC

78% 2017-2018

Rasi Matric Hr Sec School

SSLC

87% 2015-2016

LANGUAGE

- **English**
- **Tamil**
- **Telegu**

EXPERIENCE IN AWS

- Creating a EC2 instances with linux & windows, configure security groups to allow web traffic to the web servers and database access.
- Launching a Template to process EC2 instances with predefined configurations, making it easier to maintain consistency & to manage EC2 instances.
- Attached an Elastic Block Store (EBS) volume to an Amazon EC2 instance.
- Adding an EFS file system for shared file storage across multiple instances.
- Demonstrated an S3 bucket with versioning enabled & Upload objects into the bucket using the AWS Management Console and also Configure a bucket policy to restrict access Enable default encryption for the bucket & set up an S3 bucket for storing static website content.
- Creating a IAM roles to delegate permissions to AWS services or users in other AWS accounts & set up password policies to enforce password complexity.
- ELB stands for Elastic Load Balancing. It is a service that automatically distributes incoming application traffic across multiple targets, such as Amazon EC2 instances, and IP addresses, within one or more availability zones.
- Using CloudWatch, able to keep track of the performance of the instances
- Creating a new volume specifying size and options, attach it to an EC2 instance, perform necessary operations such as snapshotting or detaching, and manage volumes through the AWS Management Console.
- Amazon LightSail is a simplified compute service by Amazon Web Services (AWS) that allows users to easily deploy and manage applications in the cloud.
- Deployed and managed web applications using AWS Elastic Beanstalk, a fully managed service for scalable and effortless application deployment.
- Managed and optimized MySQL and PostgreSQL databases on RDS for performance and cost efficiency.
- Creating a VPC with a CIDR block & Establish subnets in different availability zones. Associate route tables with subnets & attached with a EC2 instances in each subnet and ensures communication.
- Amazon Route 53 offers a reliable, scalable, and highly available DNS service that can be easily integrated with other AWS services to meet various use cases and requirements.
- VPC peering Connect to established and accepted on both sides, the instances in the peered VPCs can communicate with each other using their private IP addresses.

DECLARATION

I do here by declare that the above give particular are true to best of my knowledge.

Place :

Date :

Yours faithfully

(Sathasivam Sivalingam)