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Pragathi Technologies

High Paying Career

aws CERTIFIED Solutions Architect Associate

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Know All About
Most Rewarding AWS
TRAINING program
At Pragathi Technologies

aws CERTIFIED Solutions Architect Associate

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COURSE DESCRIPTION

The AWS certification training is designed to help you gain an in-depth understanding of Web Services (AWS) architectural principles and services such as IAM, VPC, EC2, EBS and more.

The course is aligned with the latest exam announced by AWS, and you will learn how to design and scale AWS Cloud implementations with best practices recommended by Amazon.

AWS certified solutions architects command average salaries of $129,000 per year, so get started in this exciting field today.

WHY IS THE AWS CERTIFICATION SO DESIRABLE

AWS certification will verify your technical understanding and skills in the AWS domain and is highly desired by recruiters. AWS Certified Solutions Architect Associate is consistently ranked as one of the top certification programs and the AWS market is expected to reach $236B by 2020 at a CAGR of 22 per cent. According to Indeed.com average annual salary of AWS Solutions Architect is $129,000.
There are more than 380,000 cloud computing jobs available around the world, and the need for certified cloud computing professionals is increasing every year.

What Is Amazon Web Services

DEPLOYMENT & ADMINISTRATION

APPLICATION SERVICES

COMPUTE · **STORAGE** · **DATABASE**

NETWORKING

AWS GLOBAL INFRASTRUCUTRE

amazon web services | Certifie

Solutions Architect - Associate

Recognize terminology and concepts as they relate to the AWS platform

Navigate the AWS Management Console

Understand the security measures AWS provides

Differentiate AWS Storage options and create Amazon S3 bucket

Recognize AWS Compute and Networking options and use EC2 and EBS

Describe Managed Services and Database options

Use Amazon Relational Database Service (RDS) to launch An application

Identify Deployment and Management options

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How ?

➢ Recognize terminology and concepts as they relate to the AWS platform

➢ Navigate the AWS Management Console

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➢ Identify Deployment and Management options

Course Content

Overview of Cloud Computing and Cloud Providers

Basic Concepts of Cloud Computing

History and Evolution of AWS

Overview of AWS Products and Services

Security IAM

Identity and Access Management Overview

IAM Policies

IAM Users

IAM Groups

IAM Roles

Networking

Amazon VPC

IP Addresses

Subnets

Internet Gateway

Route Tables

NAT Devices

Security Groups

Network ACL's

VPC Best Practices

AWS Elastic Cloud Compute- EC2

Amazon EC2 Overview

Amazon Machine Images (AMI)

EC2 Instance Types

Amazon Elastic Block Store (EBS)

EBS Snapshots

EC2 Instance Pricing

Placement Groups

Elastic Load Balancing (ELB)

Amazon S3 Overview

S3 Buckets

Version Control

Amazon S3 Lifecycle Management

CloudFront and CDNs

Security and Encryption

Import/Export & Snowball

Amazon S3 Best Practices

Amazon S3 Costs

Route53

Amazon Route 53 Overview

Amazon Route 53 and DNS

Route 53 Routing Policies

Route 53 best practices

Route 53 costs and prices

Databases

Databases Overview

AMI Databases

Amazon DynamoDB

Amazon Redshift

Amazon ElastiCache

AWS RDS

AWS Database Migration Services (DMS)

Application Services

Simple Queue Service-SQS

Simple Workflow Service-SWF

Simple Notification Service-SNS

Disaster Recovery

Overview of Disaster Recovery

Using AWS products for Disaster Recovery

Practice Assignment: Disaster Recovery

Monitoring and Metrics

Overview of Cloud Monitoring

CloudWatch: key concepts

CloudWatch: Logs

AWS CloudTrail overview

Cloudwatch metrics

CloudWatch Log analysis

Cloudtrail logs

Deployment and Provisioning

Cloud Deployments Overview

Deployment with Auto Scaling

Blue / Green Deployment

Version Updates with Auto Scaling

Overview of the technologies for automated

deployment CloudFormation: Creating Base

templates Provisioning instance with CloudFormation