



AMAZON WEB SERVICES TRAINING

Self-Learning & Online Training

Duration: 45+ (Lectures)

SVR Technologies

Our certified faculty focused on IT industry based curriculum for Datapower Training Online. Hands-on training with tutorial videos real-time scenarios and certification guidance that helps you to enhance your career skills.



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www.svrtechnologies.com

Features

- > Live Instructor LED Classes
- > 100% Hands on classes
- > Faculty will provide work environment
- > Real-time Scenarios
- > Free Self-Learning Videos
- > Real-time Working Faculty
- > CV, Interview and Certification Guidance



LECTURES



CHALLENGES



Practice Training

Life Time Free Library Access * Doubts Clarification

| | | | |
|------------------|---|----|-------------------------------------|
| Topic 01: | Introduction to Cloud Computing | 1 | Introduction to Cloud |
| | | 2 | Why Cloud Computing? |
| | | 3 | Benefits of Cloud Computing |
| Topic 02: | Types Of Cloud Computing | 1 | Public Cloud |
| | | 2 | Private Cloud |
| | | 3 | Hybrid Cloud |
| | | 4 | Community Cloud |
| | | 5 | Software as a Service |
| | | 6 | Platform as a Service |
| | | 7 | Infrastructure as a Service |
| | | 8 | Horizontal vs Vertical scaling |
| Topic 03: | Amazon Web Services (AWS) | 1 | Introduction to AWS |
| | | 2 | Elastic computing |
| | | 3 | Introduction to the AWS products |
| | | 4 | Regions and Availability Zones |
| | | 5 | Introduction AWS management console |
| Topic 04: | Identity Access Management (IAM) | 1 | Creating Users and Groups |
| | | 2 | Applying policies |
| | | 3 | Password Policy |
| | | 4 | Roles |
| | | 5 | Identity Providers |
| Topic 05: | EC2 Instances | 1 | On-demand Instance pricing |
| | | 2 | Reserved Instance pricing |
| | | 3 | Spot instance pricing |
| | | 4 | Dedicated host |
| | | 5 | Different Instance Types |
| | | 6 | Understanding AMI |
| | | 7 | Choosing the AMI |
| | | 8 | Launching your first AWS instance |
| | | 9 | Storage |
| | | 10 | Security groups |
| | | 11 | Key Pair |
| | | 12 | Elastic IP |
| | | 13 | Attaching ENI |
| | | 14 | Creating a new AMI |

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| | | 15 | Deploying a new instance from the created AMI |
| | | 16 | Key Pairs7 |
| | | 17 | Module 7 |
| | | 18 | Elastic IP's |
| | | 19 | ELB (Elastic Load Balancer) |
| | | | |
| Topic 06: | EBS (Elastic Block Storage) | 1 | Create EBS volumes |
| | | 2 | Delete EBS Volumes |
| | | 3 | Copy EBS Volumes |
| | | 4 | Attach and detach EBS volumes |
| | | 5 | Mounting and un-mounting EBS volume |
| | | 6 | Creating and deleting snapshots |
| | | 7 | Creating volumes from snapshots |
| | | 8 | ELB (Elastic Load Balancing) |
| | | 9 | ELB Features |
| | | 10 | Creating ELB |
| | | 11 | Attaching Instances to ELB |
| | | | |
| Topic 07: | Auto scaling | 1 | Boot Strapping |
| | | 2 | Create a launch configuration |
| | | 3 | Create an Auto Scaling group |
| | | 4 | Create a policy for your Auto Scaling group |
| | | 5 | Setup an auto-scaled, load-balanced Amazon EC2 application |
| | | | |
| Topic 08: | Simple Notification Service (SNS) | 1 | What is SNS? |
| | | 2 | Creating a topic |
| | | 3 | Create subscription |
| | | 4 | Subscribed to the subscription |
| | | | |
| Topic 09: | CloudWatch | 1 | Cloudwatch dashboard |
| | | 2 | Configuring Monitoring services |
| | | 3 | Setting thresholds |
| | | 4 | Configuring actions |
| | | 5 | Creating a cloudwatch alarm |
| | | 6 | Getting statistics for ec2 instances |
| | | 7 | Monitoring other AWS services |
| | | 8 | Configuring Notifications |
| | | | |
| Topic 10: | S3 (Simple Storage Service) | 1 | What S3? |
| | | 2 | RRS (Reduced Redundancy Storage) |
| | | 3 | S3 durability and redundancy |
| | | 4 | S3 Buckets |
| | | 5 | S3 uploading Downloading |

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| | | 6 | S3 Permissions |
| | | 7 | S3 Object Versioning |
| | | 8 | S3 Lifecycle Policies |
| | | 9 | Glacier storage |
| | | | |
| Topic 11: | CloudFront | 1 | Use Of cloudfront |
| | | 2 | Creating a cloudfront distribution |
| | | 3 | Hosting a website Of cloudfront distribution |
| | | 4 | Implementing restrictions |
| | | 5 | Configuring origins and behaviors |
| | | | |
| Topic 12: | Storage Gateway | 1 | Gateway Stored Volumes |
| | | 2 | Gateway Cached Volumes |
| | | 3 | Gateway VTL |
| | | 4 | Elastic File System |
| | | 5 | Relational Database Service (RDS) |
| | | 6 | Dynamo DB (Introduction) |
| | | 7 | Elastic Cache (Introduction) |
| | | | |
| Topic 13: | Amazon Virtual Private Cloud (VPC) | 1 | What is VPC? |
| | | 2 | VPC configuration |
| | | 3 | Public subnet |
| | | 4 | Private subnetRoute5318 |
| | | 5 | NAT gateway/Nat Instance |
| | | 6 | VPC security |
| | | 7 | Elastic I P's |
| | | 8 | Network ACL's |

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AWS TRAINING ONLINE TRAINING
WITH REAL TIME SCENARIOS

SVR

Duration: 20-25 HOURS
LIFETIME SELF LEARNING VIDEOS ACCESS

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