S. No.	VS Certified Developer Associate Lesson Name				Topic Name (Slidewise breakup)		
		Lesson Objectives	Lesson Duration (Not to Exceed Minutes)	Topic No.		Day of Training	g Demos (as part of the PPT)
1	AWS Overview	The lesson will provide mero with a overview of cloud computing, characteristics of cloud computing, benefits of computing, Overview of AWS, history and background of AWS along with an overview of all AWS Services and products that are offered. Also includeds AWS Security and standards and AWS Global Infrastructure.		1.01 1.02 1.03	Overview of Cloud computing QUIZ: Test your cloud computing skills Identify the main events in the lastery of AWS		
		AWS Services and products that are offered. Also includes AWS Security and standards and AWS Global Infrastructure.		1.04 1.05 1.06	Quiz: Test your skills of history of AWS Various AWS platform QUIZ: Test your AWS platform Skills Understand AWS Global Infrastructure and Security		
				1.08	Different AWS Services Practice Assignment for AWS Fundamental Overview. QUIZ-Test year AWS Services and AWS Fundamental Overview skills		
			120	1.11 1.12	AWS Overview Key Takeawaya LAB		
2	Identity Access Management-IAM	The lesson will provide users with information about how to control and secure user access to your AWS resources using the AWS Access and identity Management service. IAM access keys and temporary security credentials. IAM policy evaluation and access using Identity federation.		2.01 2.02 2.03 2.04	Overview of Identity and Access Management (IAM) IAM Features Quiz: check your knowledge of IAM and Features. Elements of IAM: Identities, Polices and Resources.	Day I	
				2.05 2.06 2.07	Identify key IAM terms and Policy Document Analyze a Sample JSON Script Quiz: check your knowledge of IAM Policy and resources		
				2.08 2.09 2.10 2.11	List of IAM Best Practices and Important Facts Quaz: check your knowledge of IAM Permassion List of IAM access keys and temperary security codentials AWS Policy Evaluation Process		
				2.12 2.13 2.14 2.15	Quiz: check your knowledge of IAM security credentials Identity federation using three use cases. SAMI, based federation IAM as simple sign on (SSO) Quiz: check your knowledge of IAM System access		
				2.16 2.17 2.18	IAM Key Takamaya Quiz: To check year knowledge of IAM Practice Awigment for AWS IAM		Demo 1-Create an IAM Users, Geospis, Roles and Policies Demo 2-Create a Role to Delegate Permissions
3	Elastic Cloud Compute-EC2	The lesson will help users understand what the EC2 service is and its many uses. Users will learn the EC2 benefits and related terminology.	140	3.01 3.02	Overview of Elastic Cloud Computing Identify EC2 benefits and related terminology EC2 Instance Types and resource Usage		
		The casion with next blear underfield words are 7.2 device is and in annua years. User will know the EC benefit and related terminology. User will understand the Amazon Machine Images the warious EC? User will understand the Amazon Machine Images the warious EC? A careful and the second of the EC and the Control of the EC and		3.03 3.04 3.05 3.06	EC2 Instance Types and resource Usage EC3 Instance types, funition and purebasing options Difference between Roset Volume in Instance Store and EBS Quize tort your knowledge of EC2 and EBS Overview of Austron Machine Images		
		is Mets Data and User Dats in EC2. About Placement Groups and Elastic Load Balancer and Auto Scaling in EC2.		3.07 3.08 3.09	Identify the flow of an Instance Lifecycle Instance Store/EBS as Root Volume Types		
				3.10 3.11 3.12 3.13	Definition of Ansazon EFS Quiz: test your knowledge of EBS and AMI Create IAM Roles with ECS Various Security groups		Demo 1-Launch Linux and Windows EC2 instance Demo 2-Connect EC2 instance, Install and Teat Webserver Demo 3-Setup LoadBalancer and AutoScaling
				3.14 3.15 3.16 3.17	Meta Data and User Data in EC2 Overview of Placement groups Elastic Load Balancer and Auto Scaling in EC2 Ouir: Let your knowledge of ELB. Meta data		
			190	3.18 3.19 3.20 3.21	Practice Assignment for EC2 QUIZ: Test your knowledge of EC2 instance types EC2 Key Takearnays		
4	Amuzon Simple Storage Service (S3)	The lesson will help users understand the many uses, types and concepts of Amazon S3 storage and how it can be integrated with Cloud Front and		4.01 4.02	Basic Concept and Overview of Simple Storage Service (S3) S Buckets and Identify different storage classes in S3	Day 2	
		The exists will she putert interchant her itsny task, rlyel's and concepts of Amazon SS itsnegree and how it on the uniquented with Could Frest and ImportExpect services. User will also learn show different storage classes in SS and use of features like Version General and Lidecycle Management while central products, ACLs and User Policies, User will Research States, and Could be supported to the control of the Could be supported by the Could by the Could by the Could be supported by the Could by the Could		4.03 4.04 4.05	S3 Data Consistency Medel Quiz: test your knowledge on S3 bucket and storage Overview of Version Control and Lifecycle Management		
		and Performance Optimization		4.06	Definition and creating Buckets, ACLs and User Policies Quiz: test your knowledge on S3 Policies		
				4.08 4.09 4.1	Host an static website on S3 Work with Cross Origin Resource Sharing Describe Cloud Front integrates with S3		
				4.11 4.12	S3 Transfer Acceleration and Performance Optimization Quiz: test your knowledge on website on S3		Demo 1-Create and access an Armson S3 Bucket
				4.13 4.14 4.15	Practice Assignment for S3 Quiz: Test year S3 knowledge S3 Key Takenways S3 Key Takenways		Demo 2-Amazon S3 Version Control and Lifecycle Management Demo 3-Amazon S3 Static Website Hosting and CloudFront
5	DB Services	The lesson will help users understand all the different towns of do-ham-	105	4.16 5.01	• Lab		
		The lesson will help users understand all the different types of database that are available in IT on vivorement and will demonstrate the services that AWS provides to simplify database administration, numagement and migration. User will learn about Relational Database Service, Features, backups, under pelicia and Management of DB Instance. On Security groups and differences between Autors and other DB engines. User will shall see the other than the period of the service of the ser		5.02 5.03 5.04 5.05	Basic concept of Relational Database Service Overview and Characteristics of RDS Orline Transaction Processing Features and availability of DB Instance DPS Packages. Extension		
		backups, read replicas and Management of DB Instance. On Security groups and differences between Autors and other DB engines. User will also learn on Amazon ElastiCache and Redshift		5.05 5.06 5.07 5.08	RDS Database Failover process Quiz: check the knowledge of RDS features Overview of ResultExplica and DB Instance backups Management of DB Instance		
				5.09 5.1 5.11 5.12	RDS storage and maintenance Security Goraps and its working with DB Difference between Aurens and other DB engines Overview of Aurense Enaire, ache and Redshali Practice Assignment Database Services	Day 3	
				5.13 5.14 5.15	Practice Assignment: Database Services QUIZ: Test your knowledge of AWS database services AWS database services Key Takaways		Demo 1-Amazon RDS Instance Launch and Configuration
6	Dynamo DB	The lesson will help users understand about Dynamo DB a fully managed NOSQL database service. User will also covert core	180	5.16 6.01 6.02	Basic concepts and Overview of Dynamo DB. Core components of Dynamo DB.		
		managai Noulpi, cauransa service. User win asino coven core components, Primary and Secondary Indexes, Query and Scan Operations in Dynamo DB. Learn on Read/Write Operations. Dynamo DB access control and data migration and Web identity federation using third party identity providers.		6.03 6.04 6.05	DynamoDB Primary and Secondary Indexes. Purpose of Query and Sean Operations. Quiz: test oyur knowledge of concepts of Dynamo DB sanagement of Capacity and Throughput in Dynamo DB		
				6.07	Overview of Read/Write Operations. Quiz: test your knowledge of concepts of Dynomo DB Capacity and Throughput	Day 4	
				6.09 6.1 6.11	Dynamo DB access control and data migration Web identity federation using third party identity providers Quiz test your knowledge of access control and data migration Practice Assistance: Dynamo DB		
				6.13 6.14 6.15	QUIZ: Test yeer knowledge of Dynamo D8 AWS Dynamo D8 Key Takawaya Lab		Demo 1-Amazon DynameDB Creation and Usage
7	Cost Management	The lesson will show unear the various options AWS offices for Billing and Cost Management for AWS accounts and what are the various ways as which uner can get discounts on their account by using various AWS feature. User will also learn about how the features of AWS Trusted Advisor can help an AWS account	180	7.01	AWS Support Plans for different AWS Account: Basic, Developer, Business and Enterprise Biling and Cost Management for AWS Console		
		feature. User will also learn about how the features of AWS Trusted Advisor can help an AWS account		7.03 7.04 7.05	AWS Consolidated Billing, Volume Discounts features and benefits for AWS Account AWS Trusted Advisor Services	Day 5	
				7.06 7.07 7.08 7.09	QUIZ: test your knowledge on AWS accounts and billing Practice Assignment AWS Cost Management and Billing QUIZ: Test your knowledge on AWS Cost Management. AWS Cost Management Takenayaya.	Luy J	
8	Application Services	The lesson will inform and demonstrate to users how Amazons suite of	180	7.1 8.01	Lab Basic concepts and Overview of SQS.		Demo 1-Cost Managemet and Consolidated Billing
		Application Services can be used to integrate your AWS resources and will the together concepts learnt in previous lessons about designing cloud services. User will learn about SQS, SNS and SWF message lifecycle.		8.02 8.03 8.04 8.05	SQS Architecture and features. Queze and Menages nervices for SQS. Queze test your knowledge of SQS features. Maragement of SQS Visibility Timeout.		
				8.06 8.07 8.08	Management of SQS Visibility Timecost. SQS message Lifecycle, Dead Letter with Delay Queues. SQS Long Polling and impectant facts. QUIZ: East your knowledge on long pooling.		
				8.09 8.1 8.11 8.12	SNS services and its core components Compared SNS and SQS QUIZ: Test your knowledge on SNS SWF services and its core components	Day 6	
				8.13 8.14 8.15	Compare SWF with SQS. QUIZ: Test year knowledge on SWF Practice Assignment: SQS Queue		
			180	8.16 8.17 8.18	QULZ: Text your knowledge of Application Services. Application Services Key Takearmys Lab		Demo 1-Amazon SNS and SQS
9	Management Tools, Lambda and Kinesis	The lesson will help users understand about Management Teols, Cloud Formation, Beaustalk Lambda and Kinesis. User will learn on Stacks in CLoudfrontation, Core components of beanstalk and Lambda. On Kinesis and Kinesis Client Library		9.01 9.02 9.03 9.04	AWS CloudFormation Features and Template. AWS Cloud Formation Stacks and how to work with them. QUIZ: Test year knowledge on Cloud Formation Features and Template		
				9.05 9.05 9.07	Elastic Beaustalk overview and its Core Components Elastic Beaustalk Architecture and supporting Watforms. Manage Beaustalk Envisorments. QUIZ: Yest your knowledge on Elastic Beaustalk		
				9.08 9.09 9.1	Manage Lambda Environments and its features. QUIZ: Yest your knowledge on Lambda One of Views and Views (Closed Street).		Demo 1-AWS CloudFormation Sctup and Usage Demo 2-AWS Beaustalk Sctup and Usage Demo 3-AWS Lambda Sctup and Usage
				9.11 9.12 9.13 9.14	Cloud Formation, Lambda and Kinesis Key Takearways QULE: Yest year knowledge on Lambda Practice Assignment Cloud Formation Stacks QULE: Test year knowledge of Mangaenest Tools, Cloud Formation, Beauthal, Lambda and Kinesis.		
			60	9.15	• Lab	_	
10	AWS Software Development Kit and Command Line Interface	The lesson will help users understand about AWS Software Development Kit and Command Line Interface. User will be able to identify the different programming languages SDK supports and its installation. On management of access credentials. User will learn on		10.01	Overview of AWS SDK (Software Development Kit) Different programming languages SDK supports. Install AWS SDK for PHP, to configure it and to setup it up.	Day 7	
		sketalythe different programman languages SDK supports and its intallation. On management of access credentials. User will learn on how SDK works with other AWS services. Working with Command Line Interface and munaging AWS services.		10.03 10.04 10.05 10.06	AWS SDK use with Chest Optics. Manage access credential for SDK. Message access credential for SDK. Review AWS SDK for Pythos or Beto, and its use for service operations. QUIZ: Test your knowledge on AWS SDK (PHP.		
				10.07 10.08 10.09	Command Line Interface its installation and actup. Command Line Interface Service Operations. UIC Test year Inspector on CLI. UIC Test year Inspector on CLI.		Demo 1-Install,Configure and Use AWS CLI Demo 2-Install,Configure and Use AWS SDK
				10.1 10.11	Practice Assignment: SDK using Boto 3. UUEZ-Test your knowledge of AWS Software Development Ke and Command Line Interface. AWS Software Development Kit and Command Line Interface		
				10.13	Key Takenways - Lab.		
11	Amazon DNS Service Route 53.	The leason will provide mers with an overview of the Arnazon DNS service; Route 53. Users will be introduced to the concepts and uses of Route 53 and will learn how it can be used to host your own dermain names. User will also learn about rothing policies, health checks and Failtover Configuration Procedure used for DNS services.	120	11.01 11.02 11.03	Basic concepts of Ronte S3 and its Overview Compure Public and Private Hosted Zones. DNS Resource Record Sets.		Demo 1-Route 53 Configuration and Routing Policies
		names. User will also learn about routing policies, health checks and Failover Configuration Procedure used for DNS services.		11.04 11.05 11.06	Various DNS Routing Policies. DNS Health Checks for DNS. Describe DNS Failover Configuration Procedure.		
				11.07 11.08 11.09 11.1	QUIZ: Text your knowledge of Routing Policies Practice Assignment: Routing Policies Latency time. QUIZ: Yest your knowledge of Amuron DNS service Amazon DNS service. Route 53 Key Taleaways		
			60	11.11	QUIZ: Test your knowledge of Amuron DNS service Amuron DNS service, Roote 53 Key Takezways Lab Lab		
12	Vertual Private Cloud- VPC	The lesson will provide users with details of Amazon Virtual Private Clead, which allows the crusions of custom dend based networks. Users will become familiar all concepts of VPC, for example subsets, latenet Gateways, Ronting Table and Roste Priority etc. User will also learn on NAT Gateway and Instance, VPN Connection and VPC peering. On list of various VPC [1 inits]		12.01 12.02 12.03 12.04	Overview of VPC Types of Subnets and Security Groups. Creating and usage of VPC Wizzed. Manually configuring a VPC.		Demo 1-Creating VPC Demo 2-Advance VPC Concepts Demo 2-VPC Peering
		NAT Gateway and Imtance, VPN Connection and VPC peering. On list of various VPC limits.		12.05 12.05 12.06 12.07 12.08	Maxandly configuring a VPC. QUIZ: Feet year knowledge on Internet Gateway. Elastic IP fee an Instance while creating a VPC. Routing Table and Rouse Priority fee VPC. Compare NaCL with Security (Roups.		
				12.09 12.10 12.11	Flow Logs on IP traffic		
				12.12 12.13 12.14 12.14	VPN Connections and VPC Limits. VPC Peering for VPCs Default VPC and its characteristics.	Day 8	
				12.15 12.16 12.17 12.18	Practice Assignment: on Creating VPC. QUIZ: Test your knowledge of AWS VPC. AWS VPC Key Takeaways. Lab.		
13	AWS Security Features	The lesson will provide mers with details of AWS Security, with details on various AWS shared responsibility models. User will also learn on AWS Trusted Advisor Security Checks. The user will learn on security and Business Cortinsity Management and Change. AWS Security with other AWS Services	60	13.01 13.02 13.03	AWS Security features and its Overview. Various shared responsibility models. QUIZ: Test your knowledge of AWS Security Models.		
		and Business Continuity Management and Change. AWS Security with other AWS Services		13.04 13.05 13.06	AWS compliance program. Difference between physical and environmental security. Business Continuity Management.		
				13.07 13.08 13.09	Network Security and AWS Access Management. AWS Trusted Advisor Security service checks QUIE: Total your knowledge of AWS Security and Access Management. AWS Security Services with other Amazon services like: Amazon Simple Storage		
				13.10	AWS Security Services with other Armann services like: Armann Simple Storage Service Security, Elantic Block Storage Security and Amazon Elastic Load Balancing Security. QUIZ: Test your knowledge of AWS Security services and other services.		
				13.12	Describe Amazon Virtual Private Cloud Security, Cloud Front Security and AWS Cloud/BSM Security Practice Assignment: on AWS Security data encrypt		
				13.14 13.15 13.16	QUEZ: Test year Kawiegalenia (AWS Necurity) AWS Security Key Takeaways. Lab.		
14	CloudFront and CloudWatch	The leason will provide users with details of centent delivery network in AWS, Define ChoudFrost and edge locations, List ChoudFrost pricing, Identify monitoring with CloudWitch, User will also learn about CloudWitch retrics and CloudWitch logs.	50	14.01 14.02 14.03	CloudFront QUIZ: Test year knowledge of CloudFront. CloudWatch	Day 9	
		c. reservatch metrics and CloudWatch logs		14.04 14.05 14.06 14.07	QUIZ: Test year knowledge of CloudWatch. Practice Assignment: on AWS CloudWatch QUIZ: Test year knowledge of AWS CloudWatch AWS Cloudfort and CloudWatch Takeways.		
15	Troubleshooting	The lesson will provide users with details of content delivery network in AWS, Define CloudFront and edge locations, List CloudFront pricing.	30	14.07 14.08	AWS Cloud Front and Cloud Watch Takeaways. Lab. AWS Support		
<u></u>		AWS, Define CloudFreet and edge locations, List CloudFreet pricing, Identify monitoring with CloudWatch, User will also learn about CloudWatch metrics and CloudWatch logs.	20	15.02	QUIZ:Text your knowledge of AWS CloudFront & CloudWatch		
			20				•