

# AWS Architect --- Training Program

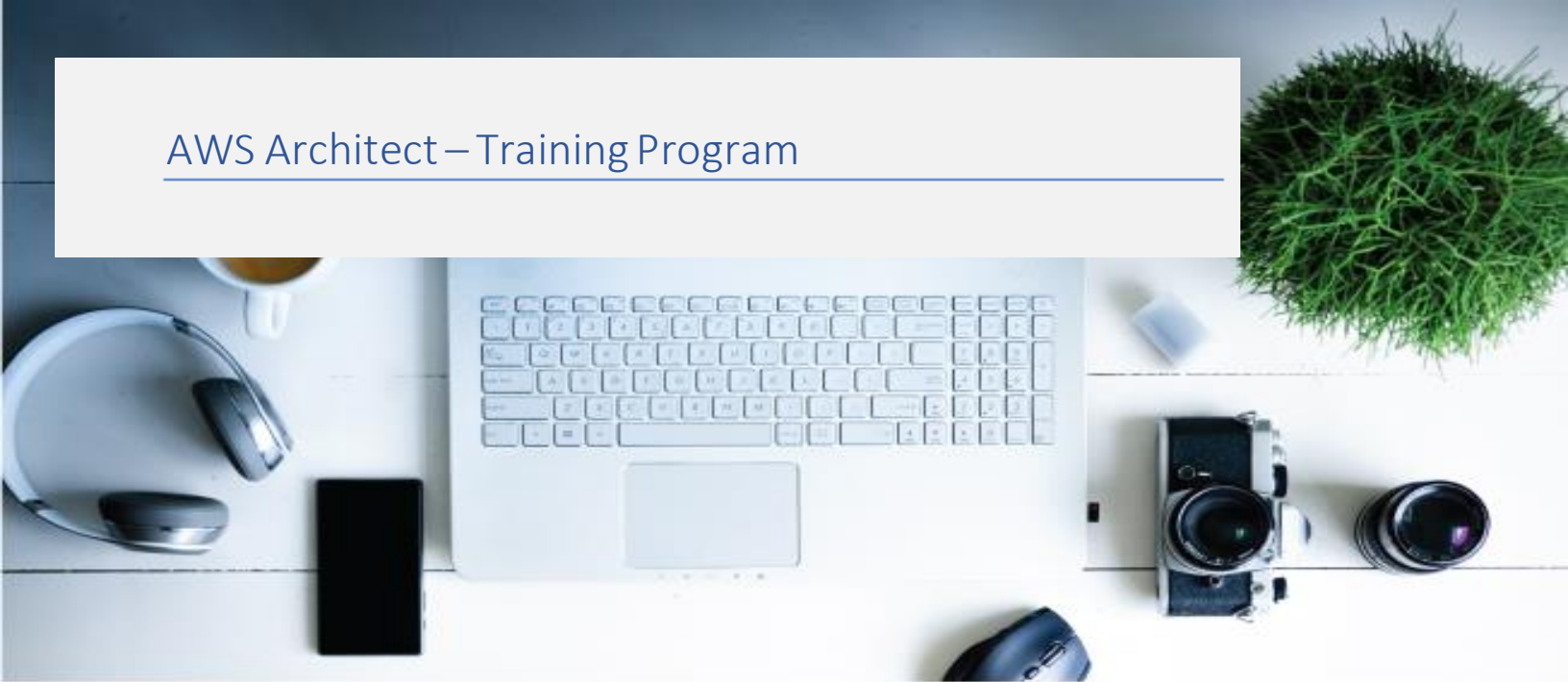


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# AWS Architect – Training Program



## Pre-Requisites:

Associates are requested to complete AWS Cloud Practitioner Essential on-demand course in AWS Skill Builder Portal

1. Enroll to **Partner Central portal** (<https://partnercentral.awspartner.com/APNLogin>) and register with their **TCS Email address**
2. After registering in partner central, navigate to **Training** ( click on Training in Top ribbon)
3. In **Partner Training and Certification**, under **AWS Training**, click on **View Self-Paced Courses**
4. This will redirect to AWS Skill Builder Portal ( <https://explore.skillbuilder.aws/learn>) under Learning Plans look for **Cloud Foundations Learning Plan** or using search tab, search with keyword "Cloud Foundation"

The **Cloud Foundations Learning Plan** is a 14h 25m course which includes self paced (on demand) courses to get prepared for AWS Cloud Practitioner Essential course and also have 5 Quest Lab (sandbox environment) which includes lab for :

1. Introduction to AWS Identity and Access Management (IAM)
2. Introduction to Amazon EC2
3. Introduction to Amazon Virtual Private Cloud(VPC)
4. Introduction to Amazon Simple Storage Service (S3)
5. Introduction to Amazon CloudFront

Link to course: [https://explore.skillbuilder.aws/learn/public/learning\\_plan/view/82/cloud-foundations-learning-plan](https://explore.skillbuilder.aws/learn/public/learning_plan/view/82/cloud-foundations-learning-plan)

**Note:** Associate need to complete the entire course, instead they can just complete AWS Cloud Practitioner Essentials course in Skill Builder Portal. Associates need to enroll the “Cloud Foundations Learning Plan” course.



AWS Cloud Practitioner Essentials  
E-learning | Duration 6 hours



## SME Session Plan

Date	Time (EST)	Session	Topic	Detailed	Hands on Lab
6 - Dec'21	7 AM - 9 AM	Session1	Intro to Cloud & EC2	Introduction to Cloud Computing	AWS CLI
				Overview of AWS Cloud	Launch and configure instances
				AWS Core Services	Creating key pairs
				Overview of EC2	Additional EC2 concepts
					SSH concept and Putty connection
7-Dec'21	7 AM - 9 AM	Session2	AWS Security Features	IAM	Introduction to IAM
				Shared Responsibility Model	Creating Group, Users and Roles
				AWS Directory Services	IAM Policy generator
				Encryption	Defining custom policy
				Configuration Management	
				AWS Trusted Advisor	
				CloudTrail	
8-Dec'21	7 AM - 9 AM	Session3	Networking on AWS	Virtual Private Cloud	Create VPC with subnets
				Subnet	Subnets
				Elastic IP	Security Groups
				NAT Gateways	NACL
				Direct Connect	
				Elastic Load Balancer	
				Route53	
9-Dec'21	7 AM - 9 AM	Session4	Storage on AWS	Elastic Block Store (EBS)	Setting up EBS volumes for EC2
				Elastic File System (EFS)	EBS Snapshots
				Simple Storage Service (S3)	S3 Bucket creation, managing policy
					Bucket Versioning
10-Dec'21	7 AM - 9 AM	Session5	Databases on AWS	Amazon DynamoDB	Launch a RDS instance
				Amazon Aurora	RDS Security Groups
				Amazon RDS	RDS additional concepts
				Amazon Redshift	
13-Dec'21	7 AM - 9 AM	Session6	Serverless	API Gateway	
				Elastic Beanstalk	
				Lambda	
				Cognito	
				Decoupled and Multi-Tier architecture	
				Monitoring and Auditing	

14-Dec'21	7 AM - 9 AM	Session7	Intro to Lambda	Overview of Lambda	ServerlessArchitecture with AWS Lambda
				How Lambda Works?	
				Invocation Model	
				Monitoring and debugging	
16-Dec'21	7 AM - 9 AM	Session 8	AWS Well Architectur e Framework	AWS Well-Architecture Framework	Well-Architected Labs
			Best Practices	AWS Best Practices	Review Sample CloudFormation Templates
				CloudFormation	
17-Dec'21 to 20-Dec'21	Final Assessment ( 1 attempt ONLY)				

<b>Total Sessions</b>	8
<b>Total Duration for Architect Program (in Hrs.)</b>	22

Join here → [AWS Academy Session](#)

<https://tcs.webex.com/tcs/j.php?MTID=m0bc5fd2fbccaa55059ca0e6d5d18c6c0>

Meeting number: **2511 448 9018**

Password: **AWS@tcs123**

## Exam Preparation

Reference Type	Platform	URL
ELearning Course	Architect Learning Plan	<a href="https://explore.skillbuilder.aws/learn/public/learning_plan/view/78/architect-learning-plan">https://explore.skillbuilder.aws/learn/public/learning_plan/view/78/architect-learning-plan</a>
Exam Preparation Guide	Ramp Up Guide Architect	<a href="https://d1.awsstatic.com/training-and-certification/ramp-up_guides/Ramp-Up_Guide_Architect.pdf">https://d1.awsstatic.com/training-and-certification/ramp-up_guides/Ramp-Up_Guide_Architect.pdf</a>
Udemy Learning	Udemy	<a href="https://tcsglobal.udemy.com/course/aws-certified-solutions-architect-associate-saa-c02/learn/lecture/13528014#overview">https://tcsglobal.udemy.com/course/aws-certified-solutions-architect-associate-saa-c02/learn/lecture/13528014#overview</a>
O'Reilly	O'Reilly	<a href="https://learning.oreilly.com/library/view/aws-certified-solutions/9781119558439/">https://learning.oreilly.com/library/view/aws-certified-solutions/9781119558439/</a>