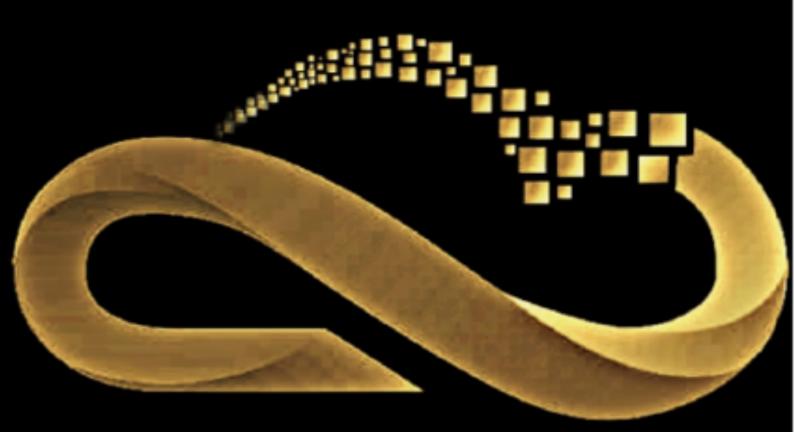# Aim For Sky Work In Cloud

Cloud Impact
Training Institute

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About Us

We are a young company in Ed Tech and we focus on courses for Cloud Computing, Python, Clinical Trials and Supply Chain Management and related technologies.

Cloud Computing Course

Our Cloud Computing Course is focused on Amazon Web Services given that it is a leading global cloud infrastructure. AWS has been on the forefront of cloud computing for more than a decade and has therefore been the first choice for organizations embarking on a cloud journey to support their business applications. This has led to a significant requirement for AWS related jobs across the world resulting in a corresponding lack of skilled staff to fill in these jobs.

Cloud Computing Course:

1 hour for 6 days a week for 12 weeks, equally split between theory classes and practicals.

Fees:

- 15K INR for Theory
- 20K INR for Theory and Practicals

Our courseware is designed and taught by professionals that have as a part of their career gone through the journey from on-premise datacenters to cloud journeys. They have got good experience and practical knowledge of AWS and other cloud infrastructure obtained by defining, designing and deploying cloud infrastructure for small and large customers. The courseware is designed derive maximum knowledge within a limited duration of time with optional hands-on practicals to help see the technology in action by way of configuring the same.

Our courseware is designed for AWS Solution Architect Associate and Cloud Practitioner Certification for professionals.

Cloud Computing Courseware

The following table provides the topics we cover and also provides a Yes or a No to indicate if the topic would be covered as a part of theory or practicals.

Topic	Sub Topic	Theory	Practicals
Introduction to Cloud	Introduction to Public Cloud, Private Cloud, Hybrid Cloud and Multi Cloud	Yes	No
	Introduction of AWS PaaS, SaaS, IaaS,	Yes	No
	Legacy IT Vs Cloud	Yes	No
	Advantages of Public Cloud	Yes	No
	Introduction of AWS , Azure, Google and Rest Cloud	Yes	No
AWS Cloud	AWS Introduction , AZ, Region	Yes	No
VPC	AWS VPC	Yes	Yes
Account	Creating Account	Yes	Yes
Network and Security	Basic Of Networking	Yes	No
	Network CIDR Class less, Interdomain, Routing	Yes	Yes
	IPv4, Routing, Internet gateway, Route Table ,Subnet,	Yes	Yes
	EC2, AMI	Yes	Yes
	Key Pair for login, MFA, Root and User	Yes	Yes
	EC2 Types	Yes	Yes
	Security Group	Yes	Yes
	Apache web server on one EC2 machine	Yes	Yes
	Network ACL	Yes	Yes
	Communication between two VM	Yes	Yes
	Spin VM in two Different AZ and communicate in Private IP	Yes	Yes
	Custom VPC	Yes	Yes
	Private and Public Subnet	Yes	Yes
	Jump server	Yes	Yes
	NAT , NAT Gateway	Yes	Yes
	VPC peering	Yes	Yes
	Hybrid connectivity	Yes	Yes

Topic	Sub Topic	Theory	Practicals
	Virtual private Connection	No	No
EC2	EC2 Pricing	Yes	No
	Well Architect framework	Yes	No
	HA and Fault Tolerance	Yes	No
	AMI Demo	Yes	Yes
DR	DR	Yes	No
EBS	EBS volume Intro	Yes	No
	EBS Volume Types	Yes	Yes
	Demo: Attaching and Detaching EBS Volume	No	Yes
	Encryption	Yes	Yes
	EBS Snapshot to other region	No	Yes
S3	S3 service intro and features	Yes	Yes
	Key value , consistency	Yes	Yes
	Static Web site hosting on S3	No	Yes
	S3 Preconfigured URL	No	Yes
	S3 Glacier and Life cycle policy	Yes	Yes
	When to use S3 and EBS and Glacier	Yes	No
EFS	EFS	Yes	Yes
Well architect	Well Architect EBS Volume	Yes	No
	Well Architect S3	Yes	No
RDS	RDS Types	Yes	No
	RDS Multi AZ demo	Yes	Yes
	Read Replicas	Yes	Yes
	Dynamo DB	Yes	Yes
	DB consideration while designing	Yes	Yes
	Aurora DB	Yes	Yes
	Theory of type sof DB in depth	Yes	No
	Install mysql client for demo	No	Yes
Monitoring	Cloud Watch	Yes	Yes
Load balancer	Elastic Load Balancer	Yes	Yes
	Type of ELB	Yes	Yes

Topic	Sub Topic	Theory	Practicals
	Demo for LB with 2 machine	No	Yes
Auto scaling	Auto scaling	Yes	Yes
Route 53	Route 53	Yes	Yes
SQS and SNS	Alias Record demo	Yes	Yes
	SQS	Yes	Yes
	SNS	Yes	Yes
Cloud Front	Cloud front	Yes	Yes
	VPC End points	Yes	Yes
Cloud Formation	Cloud Formation	Yes	Yes
Elastic Benstalk	Elastic Benstalk	Yes	Yes
Server less	Server less architecture	Yes	No
	AWS Lambda	Yes	Yes
BIG Data	Containers	Yes	Yes
	Kiness	Yes	Yes
	Redshift	Yes	Yes
	Elastic cache mem cache and redis	Yes	Yes
	EMR	Yes	No
Storage Gateway	Storage Gateway Types	Yes	No
	Ops work	Yes	No
API gateway	API gateway : with Dynamo DB	Yes	Yes
IAM	Authentication and Authorization	Yes	Yes
	IAM user, IAM Groups	Yes	Yes
	Shared Responsibility model	Yes	Yes
	Access Key	Yes	Yes
	Command line interface	Yes	No
	IAM Policy : Give access to S3 bucket	Yes	Yes
	IAM Policy in S3 Bucket	Yes	Yes
	Bucket Policy	Yes	Yes
	IAM Roles * Exam	Yes	Yes
AWS Organization	AWS Organization	Yes	No

Topic	Sub Topic	Theory	Practicals
Cognito	AWS Cognito	Yes	No
	Cloud Trail	Yes	Yes
Encryption	Encryption	Yes	Yes
	KMS	Yes	Yes
	KMS with S3	Yes	Yes
	IP Flow Log	Yes	Yes
	AWS Config	Yes	Yes
	Cross Account Access	Yes	Yes
	Trusted Advisor *Exam	Yes	Yes
	AWS Kiness *Exam	Yes	No
	Types of Kiness	Yes	Yes
	Redshift	Yes	Yes
	Column DB theory	Yes	No
	SQL Work Bench	Yes	No
	AWS Athena	Yes	Yes
	Quick Sight	Yes	No
	Data Pipe Line	Yes	No