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Course name: AWS Cloud Training with Live Project.

CAN YOU CALL/WHATSAPP ME AT 91-9347045052 TO MY MOBILE TO PLANNING AND EXECUTION OF THIS TRAINING. Can you attend demo class today or tomorrow, call me once.

Project Covered During Training: Real Time Project Training

AWS Cloud Real Time Project: Trainer is going to teach one real time Project using **AWS Cloud** which is going to be Real Time Experience. The Trainer will give you one assignment project also and you will do assignment project in your home to make sure that you understand the subject clearly.

Certification: Yes I will provide you Certificate after successfully attending the class this will help you in job assistance. I am also helping you in help placement.

Placement and Job: I will give placement assistance. Because I am giving you real time training with live project so definitely it will help you in job. I have tie up with good company who hire my students.

My address for Class room training: Ruchiwebsolutions,#201,Datta Sai complex ,Beside IKON hospital, Landmark: Near to Vijaya Diagnostic Centre, Dilsukhnagar, Hyderabad, call if any problem to 09347045052.

Trainer Profile

I am **Ranjan Raja** master degree in computer from Utah State University, USA. I am part of **ruchiwebsolutions** in **Dilsukhnagar, Hyderabad**. I have total 20+ years of experience in **AWS Cloud** with drupal, joomla and wordpress, codelgnitor,laravel, yii and **angularJs And nodeJS**. I have developed 200 dynamic website till now on php/mysql and **angularJs And nodeJS**. I have 20 years of experience in Online and class room training. I already given the training to some of the corporate company from UK, USA, Malaysia and India in PHP, mysql and **angularJs And nodeJS**. I have worked with

international clients based in USA, UK, Canada, Netherlands, Australia, Italy, Ireland, France etc. I have worked on many different projects - ranging from small software to complex web applications.

I have a training Institute in **Dilsukhnagar, Hyderabad** with the name “**Complete Lamp Institute**” in **Dilsukhnagar, Hyderabad**. I have already given training of 2500 Students till now, and all working in MNC and Software web Development Company.

Our Teaching style: I give real time training with real PROJECT IN **AWS Cloud**. Basically, I am developer of 20 years of experience so I will try to give my best output in React training.

AWS Cloud Content:

Linux Fundamentals

- Overview of all basic commands
- Vim editor modes
- Filesystem hierarchy – Basic topics
- File and directories creation
- Grep
- Filter commands (head,tail,more,less)
- Creating users and groups
- Important files related
- Modifying, deleting users and group
- Linux permissions
- Basic permissions overview
- Software management
- Yellowdog update modifier(yum)
- Yum commands
- Different run levels
- Services and daemons

Why Cloud?

- Why Cloud and What is Cloud Computing?
- Public Cloud, Private Cloud, Hybrid Cloud
- Virtualization – An essential in cloud
- Virtualization in Cloud model
- Different types of virtualization
- Hypervisor – Benefits
- Different types of services and its difference in Cloud computing
- Identify the features and benefits of cloud computing
- Different types of Cloud Computing deployment model

- IaaS, PaaS, SaaS
- Importance of scaling in cloud computing
- Different types of scaling and its applications
- Issues we overcome using cloud and applications
- Cost model that we use in cloud computing

AWS – An overview

- Describe the features of AWS
- The features of AWS marketplace
- Describe the features of Amazon Compute Services
- Describe the features of Amazon Storage Services
- Describe the features of Amazon Network Services
- Describe the features of Amazon Database services
- Describe about various services in AWS
- Global Infrastructure – Regions and Availability Zones
- Create a free tier account in AWS and onboarding
- Introduction AWS management console

Understand Identity Access Management of AWS

- Protect your AWS by different authentication system
- Password policies set for users
- AWS User Account and Groups in detail
- Creating custom policies in AWS
- Introduction about Roles and its use
- Creating Roles and associating policies
- Creating programmatic access and management console access for users
- Associating policies to the user and groups

EC2 Instance

- Describe AMI and AWS Marketplace templates
- Launch a basic EC2 instance
- Different types of Instances Reserved, On-demand, Spot, Dedicated
- Security groups and tags for EC2 instance
- Public key – Private key introduction and protecting EC2 with keys
- Attaching and detaching EBS volumes
- Launch an ec2 instance from an AMI
- Create custom AMI and working with different region
- Make use of amazon EBS volume and create snapshots

- Manage the configuration of your application
- Deploying a new instance from the created AMI

Auto-scaling

- Get Started with Auto Scaling Using the Console
- Creating Launch configurations and make use of it for autoscaling groups
- Maintain a Fixed Number of Running EC2 Instances
- Dynamic Scaling
- The lifecycle of autoscaling
- Policies of autoscaling

Load Balancing

- Introduction to Load balancer (ELB)
- Different types of Load balancer in AWS
- Application Load balancer
- Network Load balancer
- Classic Load balancer
- Migrating classic load balancer to new load balancer
- Components and types of load balancing

EBS (Elastic Block Storage)

- Create EBS volumes
- Delete EBS Volumes
- Attach and detach EBS volumes with EC2 instance
- Creating and deleting snapshots

Object Storage in Cloud

- Understanding S3 durability and redundancy
- Introduction about S3 Buckets
- How S3 Uploading works and how to Download
- How to S3 Permissions
- How to implement S3 Object Versioning S3 Lifecycle Policies
- Storage Gateway
- Import Export
- S3 Transfer Acceleration
- Glacier storage

Cloud Front

- Describing cloud front
- Creating a cloud front distribution
- Hosting a website of cloud front distribution
- Implementing global restrictions
- Configuring origins and behaviors

Route53

- Describe Hosted zones and Domain name understanding
- How to create hosted zones
- Hosting a website with custom domain name
- Understanding routing policies

AWS Security Management

- Describing Security Practices for Cloud Deployment
- AWS Shared Responsibilities and Securities
- Importance of Cloud Trail
- Describing Trust advisor

Amazon Virtual Private Cloud (VPC)

- Introduction to Amazon Virtual Private Cloud (VPC).
- VPC Advantages and understanding IP addressing CIDR
- Default and Non-default VPC
- Different Components in VPC
- Describe, create, and manage Amazon Virtual Private Cloud
- Amazon VPC, Private Subnet, and Public Subnet
- AWS Networking, Security Groups, and Network ACLs
- Configuration and management of VPN connectivity
- Subnet and Subnet Mask

Relational Database Service (RDS)

- Introduction to RDS
- Different database services of AWS: Amazon RDS, Dynamo DB, Redshift etc.
- Create MYSQL RDS Instance, Oracle RDS Instance, MS SQL RDS Instance
- Configuring the database

- Configuring backups
- Configuring the maintenance windows
- Connecting to the database

NDynamo DB

- Creating a dynamo dB
- Adding data manually
- Learn about strong and eventual consistency
- Calculating Read write consistency
- Configuring alarms

Monitoring Services

- Knowledge on Cloud watch – A monitoring service
- Create and Configuring Monitoring services
- How to perform Setting thresholds and Configuring actions
- Creating a cloud watch alarm
- Getting statistics for ec2 instances
- Monitoring other AWS services
- Configuring Notifications
- Integrating cloud watch with Auto scaling

Application Services – An Overview

- What is SNS
- Creating a topic
- Create subscription
- Subscribed to the subscription
- SQS & SES
- Lambda and Elastic Beanstalk

AWS Troubleshooting

- Troubleshooting EC2 instance
- Troubleshooting using Cloud watch
- Troubleshooting using ELB
- Troubleshooting by using Cloud front

AWS Architecture and Design

- Backup and Disaster Recovery
- How to manage Disaster Recovery and Backups
- Best Practice for DR and Backups
- AWS High Availability Design

DevOps Fundamentals

- An understanding of DevOps and the modern DevOps toolsets
- The ability to automate all aspects of a modern code delivery and deployment pipeline using:
 - Source code management tools – CVS, Git
 - Build tools – Apache ant, Maven
 - Test automation tools – JUnit
 - Continuous Integration Tools – Jenkins, Team city
 - Configuration management tools – Chef, Puppet, Ansible

SPECIFICATION: FEE AND TERMS DETAILS	
Technology:	AWS Cloud
Operating System:	Windows 2003, XP
Webserver	Apache
Database	Mysql
Time Frame(duration):	30 Days [Daily 60 minutes, Weekly 5 hours]
Online Training Fee	Per student 15000 Rs

Terms and Conditions of Payment.		
1	Advance payment ,after demo class	50% money
2	After 8 Class	Remaining 50%
Extra topics will be chargeable. Payment by Cash		

Required Software for Training: Note: I will provide all the software.

- 1) XAMPP Software,
- 2) Dreamweaver
- 3) I will take class through Gotomeeting for online class. Every session will be created on video for online class. Class room training will be given at my office location.

Payment through paypal : Send payment in my ICICI or HDFC Bank Account or in my paypal id
paypal id: payment.ruchiwebsolutions@gmail.com

Raj,

Director Complete LAMP Institute – Business Development

For any questions you may have you may contact myself at Email info@ruchiwebsolutions.com

For any doubt and clearance, call me/whatsapp in India: 09032803895

Once fee is paid, not return back.

Website: <http://www.ruchiwebsolutions.com/>