GLOBAL
TECHSYS LEARNING

An ISO 9001:2015 Certified
Center For Higher Technical Educations

Global Techsys
excellence within

AWS Training

ABOUT US

Global Techsys Learning is a leading Skills and Talent Development Corporate Training Institute that is building a manpower pool for global industry requirements. Global Techsys Learning has three main lines of business – Corporate Training, Skills and Careers, and Placement Solutions.

Global Techsys Learning has been founded by a group of highly qualified professionals with an excelled expertise in varied technological domains as a center for IT education & training with a vision to make candidates ready for the IT industry from day one. We believe in in-depth perfection in whatever we do and we strive to bring it alive through Global Techsys . Global Techsys proved that every candidate from fresher to experience got trained on latest IT requirements and became the first choice for industries

That's Why Now We are **(Global Techsys Learning)** Punes One Of The Trusted Corporate Training Institute In Many More Domains ... We Provide the best Corporate Training with 100 % Practical work & live projects its help many of our candidates to get a job in Leading MNC & Corporate Company in this industry with good position & salary structure ....

One More Reasons To **Global Techsys Learning** Sucess Our Experience Placement Consultation Team ....

AWS Training Overview

This Instructor-led comprehensive AWS Training (AWS Solutions Architect – Associate and Sysops Administrator) designed to show how to setup and run Cloud Services in Amazon Web Services (AWS) all the way through to IaaS with hands-on experience on AWS Public cloud.

AWS Training Prerequisites

- ▣ Absolute Beginners. No prior AWS experience is necessary
- ▣ Previous System Administration/ Development knowledge would be added advantage
- ▣ System Administrators Interested in Deploying Applications on AWS
- ▣ Cloud Computing Enthusiasts

AWS Training Objectives

- ◉ Compute (EC2)
- ◉ Storage (S3, EBS, EFS, Storage Gateway and Snowball)
- ◉ Database (RDS, DMS and Redshift)
- ◉ Network and Content Delivery (Route 53, VPC and Cloud Front)
- ◉ Management Tools (Cloud Watch, Cloud Formation and Cloud Trail)
- ◉ Security & Identity Compliance (IAM, Trusted Advisor, Config andInspector)
- ◉ Application Services (SWF and Elastic Transcoder)
- ◉ Messaging (SNS, SQS and SES)
- ◉ Developer tools (Code Commit, Code Build, Code Deploy and Code Pipeline)

◼ AWS Course Content

Introduction to Cloud Computing

- ◉ Introduction to cloud computing
- ◉ Essential Characteristics of Cloud Computing
- ◉ Service Models in Cloud computing
- ◉ Deployment models in Cloud Computing
- ◉ Introduction to AWS
- ◉ AWS Account creation &free tier limitations overview

Identity Access Management

- ◉ Root Account Vs IAM user
- ◉ Multi-Factor Authentication for Users
- ◉ IAM Password Policies
- ◉ Creating Customer Managed Policies.
- ◉ Groups
- ◉ Roles

Glacier Storage

- ◉ What is Simple Storage Service (S3)
- ◉ Storage Classes
- ◉ Versioning
- ◉ Cross-region replication
- ◉ Life Cycle Management
- ◉ Security & Encryption
- ◉ Static Webhosting with S3 bucket
- ◉ Events configuration on S3 buckets
- ◉ Enabling cross-account access for S3
- ◉ S3 Data management and backup using 3rd Party applications.
- ◉ S3 Cross-Account Access and Pre-Signed URLs
- ◉ Storage Gateway

Linux Introduction

- ▣ Basics of Linux for AWS
- ▣ Linux Installation and Basic commands overview
- ▣ Web Server and Services Configurations

Compute

- ▣ EC2 Instance Launch Wizard
- ▣ EC2 Instance Types
- ▣ Generating custom Public Key and Private keys for EC2 instances
- ▣ Security groups
- ▣ Volumes and Snapshots
- ▣ Creating customized Amazon Machine Images
- ▣ RAID Overview and RAID Configurations
- ▣ User Data and Metadata
- ▣ Elastic Load Balancers & Health Checks
- ▣ Auto Scaling Groups
- ▣ Cloud Watch
- ▣ Creating Billing Alarm and EC2 instance alarms.
- ▣ AWS CLI&EC2 Roles
- ▣ Elastic File System
- ▣ AWS Lightsail
- ▣ Elastic Beanstalk
- ▣ Placement Groups

Route 53

- ▣ DNS Records overview
- ▣ Routing Policies
- ▣ Hosting sample Website and configuring Policies
- ▣ Simple Routing Policy
- ▣ Latency Routing Policy
- ▣ Failover Routing Policy
- ▣ Weighted Routing Policy
- ▣ Geolocation Routing Policy.

Databases

- ▣ Launching a RDS Instances (MySQL, MSSQL & Aurora)
- ▣ Multi-AZ & Read Replicas for RDS instances
- ▣ Dynamo DB
- ▣ Redshift
- ▣ Elastichache
- ▣ Database Migration Service and Schema conversion tool

VPC (Virtual Private Cloud)

- ▣ Networking Basics
- ▣ Creating custom VPCs and custom Subnets
- ▣ Network ACL's
- ▣ Route Tables & IGW
- ▣ VPC Peering
- ▣ Flow log creation
- ▣ VPN Configuration with AWS (OpenVPN)

Security Options

- ▣ Cloud Trail
- ▣ AWS Config
- ▣ Key Management Services
- ▣ AWS Certificate Manager
- ▣ AWS Inspector
- ▣ AWS Trusted Advisor
- ▣ Content Delivery Networks / Cloud Front

Application Services

- ▣ Simple Email Service
- ▣ Simple Queue Service
- ▣ Simple Workflow Service
- ▣ Simple Notification Service
- ▣ SMS – Server Migration Service
- ▣ Migrating server from on-premises to cloud
- ▣ Cloud Formation
- ▣ Directory Services and Adding EC2 instance to Domain
- ▣ AWS TCO Calculator and Simple Monthly calculator

DevOps Tools Overview

- ▣ What is DevOps in Cloud
- ▣ Code Pipeline
- ▣ Code Commit, Code Build
- ▣ Code Deploy
- ▣ Lambda

Monitoring Tools

- ▣ Creating Custom Metrics with Cloud Watch

Amazon White Papers review

- Security
- Reliability
- Performance Efficiency
- Cost Optimization
- Operational Excellence

AWS System Requirements

- Need to set up an AWS Account
- (Most of the Services comes with AWS free tier eligibility)
- **Windows :** Putty, Putty KeyGen and Web Browser with Internet connectivity.
- **Linux/Mac :** Default Terminal

Support : Interview Preparation, Mock interview, Resume formatting and Placement support.

KEY FEATURES

- ✓ Higher Package IT Jobs
- ✓ 1 on 1 Career Support
- ✓ Interview Preparation
- ✓ Dedicated mentoring session from industry experts
- ✓ Trainer Is From Top MNC'S
- ✓ Profile Building
- ✓ Flexible Batches
- ✓ Job Opening
- ✓ Intership

WE PROVIDE FOLLOWING COURSES :-

- ▣ ERP
- ▣ Data Science Training Programme
- ▣ Cyber Security
- ▣ Sales Force
- ▣ RPA (Robotic process automation)
- ▣ AWS Training
- ▣ Python Development
- ▣ Machine Learning (ML)
- ▣ Ethical Hacking
- ▣ Statistical Analysis Software (SAS)
- ▣ Cloud Security
- ▣ AI & Deep Analysis
- ▣ Automation Testing - Selenium

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YASH Technologies Foraysoft PHOENIX MECANO ANMsoft

PEOL™ Experis IT CSF

Head Office
415-A Wing, Jay Ganesh Vision, Akurdi, Pune-411035

Branch Office
222, Kakde Plaza, Karve Nagar, Pune-411052

Opening Hours
Monday to Friday : 10 am to 6 pm
Saturday : 10 am to 5 pm
Sunday : Closed

Get In Touch
+91 8308405445 / +91 8308998128

info@globaltechsyslearning.com

www.globaltechsyslearning.com

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