



Linux & AWS

Learn to work with Linux commands & cloud services

Curriculum Brochure

Linux & Amazon Web Services

TRAINING

The scope of Linux and AWS (Amazon Web Services) is vast and growing rapidly. Linux is an open-source operating system that is widely used in the IT industry for a variety of applications, including web servers, database servers, and network servers. AWS is a cloud computing platform that provides a wide range of services, including storage, computing, networking, and security.

Learning Linux and AWS is essential for anyone pursuing a career in IT, as they are widely used in many industries and organizations. Linux is used in many web hosting environments, and it's essential to have a good understanding of Linux to manage and administer web servers. In addition, Linux skills are highly sought after in the field of cybersecurity, where it's used to secure networks, servers, and web applications.

Linux is well known for its stability, security, and flexibility, making it an ideal choice for cloud-based applications. Linux is also highly customizable, allowing developers and administrators to fine-tune the operating system to meet their specific needs. AWS is known for its scalability, reliability, and security, making it a popular choice for businesses of all sizes.

Together, Linux and AWS provide a powerful platform for cloud computing. With Linux as the underlying operating system, developers and administrators can deploy and manage applications in the cloud with ease. The scope of Linux and AWS is vast, and learning these skills can open up many job opportunities and career advancement possibilities.

Some common requirements for Linux professionals include a strong understanding of Linux operating systems, experience with Linux administration and maintenance, knowledge of shell scripting, and familiarity with Linux-based servers and tools. Additionally, experience with Linux-based cloud environments such as AWS, Google Cloud Platform, and Microsoft Azure is becoming increasingly important.

Some common requirements for AWS professionals include a strong understanding of cloud computing principles, experience with AWS services such as EC2, S3, and RDS, knowledge of networking, security in the cloud, etc.

In summary, the requirements for Linux and AWS professionals in the present scenario include a strong understanding of the technologies, hands-on experience with relevant tools and services, and certifications that demonstrate proficiency. By mastering these skills, professionals can position themselves for success in the growing IT industry.



Linux & AWS Training Program

This program is designed to train students with the skills and experience to work on Linux, resource management, cloud environment and managing AWS services .



Practical Based Sessions

Training program available in four months & six months duration



Dummy Projects

To build your hands-on expertise & portfolio



Resume Building Assistance

To create an attractive resume for your candidature



Interview Preparation

So you can present your skills in a better way



Mentoring & Job Assistance

To help you in getting good career or placements

Who can join

Any student can join the Linux & AWS training program . The student must have interest in operating system and software development with basic computer knowledge.

Students from any specializations of B.Tech / M.Tech / BCA / MCA / B.Sc. / M.Sc, who are looking to learn about Linux, Shell Scripting, Cloud Computing & Amazon Web Services (AWS) can join the Linux & AWS training program.

Working professionals or job seekers, who are looking to learn about Linux, Shell Scripting, Cloud Computing & Amazon Web Services (AWS) can join the Linux & AWS training program.

Training Mode

Online Live Classes are available

- 4x more effective way of learning
- Hands-on experience with projects & assignments
- Virtual class with real interaction with trainer
- Monitoring support & troubleshooting issues
- Masterclass from industry experts & leaders
- Live class recordings for revision purpose

Linux & AWS Training in Agra



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Training Modules

Objectives :

The training objectives for Linux and AWS include providing professionals with the knowledge and skills necessary to deploy, manage, and scale applications in cloud environments. For Linux, training objectives may include learning about the Linux operating system, shell scripting, Linux-based servers and tools, and Linux-based cloud environments such as AWS. For AWS, training objectives may include learning about cloud computing principles, AWS services such as EC2, S3, and RDS, networking and security in the cloud. By mastering these technologies, professionals can gain a competitive edge in the IT industry and take advantage of the many job opportunities that exist in cloud computing. Training objectives for Linux and AWS may also include preparing professionals for relevant certifications, such as the AWS Certified Solutions Architect or the Linux Professional Institute Certification (LPIC).

Module 1 : Linux and Shell Scripting

Introduction to Linux, Linux Distributions & Shell, Virtual Machine & Installation, vim editor, Linux Commands, Directory Structure, File System, User Management, Group Management, Password Properties, Managing Permissions, ACL, Managing Processes, Managing Partitions, Managing Softwares, Links & Tar, Logs, Logical Volume Manager, Scheduling Tasks, Kernel, Http Configuration, Firewall Configuration, Password Resetting, Shell Scripting.

Module 2 : Amazon Web Services

Introduction to AWS & Cloud Computing, IAM, Roles, Policies and Access Management, Billing Dashboard & Free Tier Services, EC2 Fundamentals, Instance creation, SSH, AMI Types & Security Key Pairs, S3 Buckets & objects, storage classes, Load Balancing, access lists & policies, security & encryption, cross region replication, s3 versioning control, AWS snowball, CloudFront, AWS Databases, Dynamo DB, Redshift, Aurora, RDS Instance, RDS Encryption & Security, RDS Backups, ElastiCache, CloudWatch & Cloud Trail, Virtual Private Cloud (VPC), NAT Gateway, Network ACL, VPN & VPC, VPC Endpoints, Route 53, AWS Lambda & API Gateway.

Module 3 : Assignments & Interview Preparation

This module is available for those who enroll in 90 days training program of Linux & AWS. The candidate will go through various assignments, and case studies to get hands-on experience. The candidate will also get trained in respect of cracking the viva and interviews.

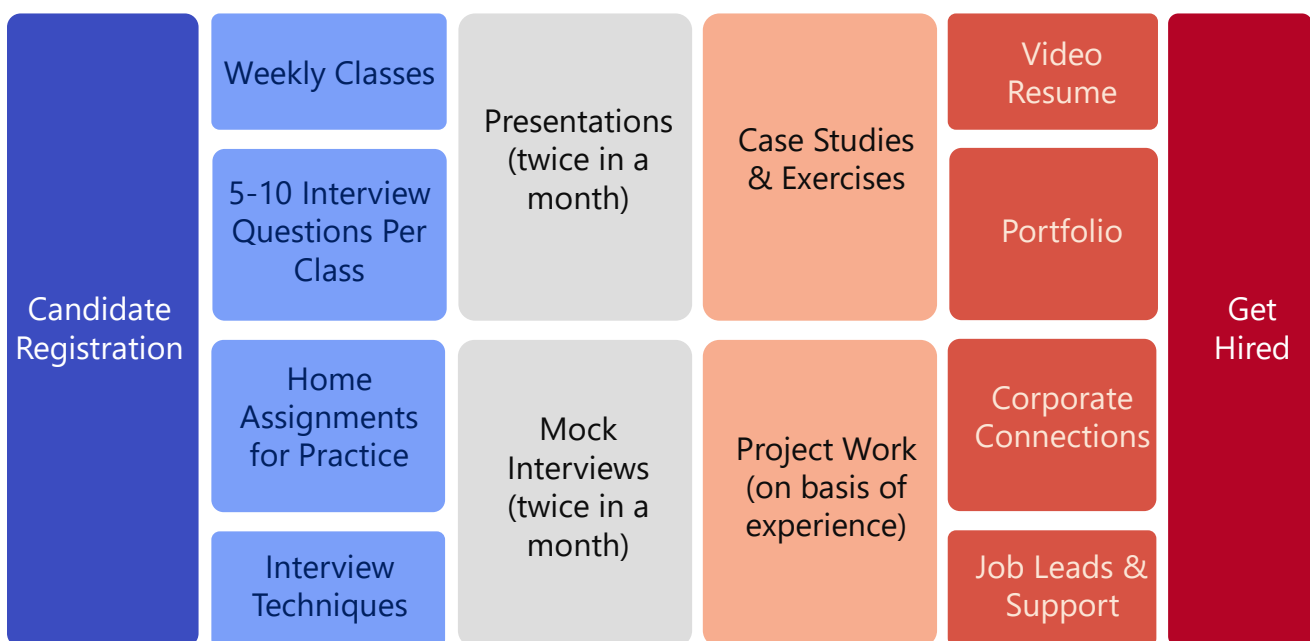
Module 4 : Minor Project Work

This module is available for those who enroll in 90 days training program of Linux & AWS. The candidate will get the benefits of project guidance & project work during the training.

We follow a dynamic & vibrant Job Assistance Execution Path

In present scenario providing job surety is easy, only we need to focus on outcome based learning and practical work enhancement. We know that every candidate is enough capable to understand the concepts and implement those concepts for improving his/her practical knowledge and experience.

Hence we are following a dynamic & vibrant Job Assistance Execution Path while conducting our job guarantee training programs and job assistance training programs. We are proud to say that we prepare candidates who can perform better throughout their professional journey and will always remains unbeatable.



We also offers

Variety of Job Oriented Training Programs

 <p>Java Full Stack Duration : 4 months 6 Months</p>	 <p>Full Stack Web Development Duration : 4 months 6 Months</p>	 <p>8 LPA+ Job Guarantee Full Stack Software Engineer Duration : 1 Year 600 Hours</p>
 <p>Cloud Computing & DevOps Duration : 4 months 6 Months</p>	 <p>Digital Marketing Duration : 6 months 1 Year</p>	 <p>Data Science & ML Duration : 4 months 6 Months</p>



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