

About IntelliPaat

IntelliPaat is a fast-growing professional training provider that is offering training in over 150 most sought-after tools and technologies. We have a learner base of 600,000 in over 32 countries and growing. For job assistance and placement we have direct tie-ups with 80+ MNCs.

Key Features of IntelliPaat Training:

 <p>Instructor Led Training</p> <p>33 Hrs of highly interactive instructor led training</p>	 <p>Self-Paced Training</p> <p>26 Hrs of Self-Paced sessions with Lifetime access</p>	 <p>Exercise and project work</p> <p>32 Hrs of real-time projects after every module</p>	 <p>Lifetime Access</p> <p>Lifetime access and free upgrade to latest version</p>
 <p>Support</p> <p>Lifetime 24*7 technical support and query resolution</p>	 <p>Get Certified</p> <p>Get global industry recognized certifications</p>	 <p>Job Assistance</p> <p>Job assistance through 80+ corporate tie-ups</p>	 <p>Flexi Scheduling</p> <p>Attend multiple batches for lifetime & stay updated.</p>

About the Course

This IntelliPaat training course in AWS will provide you with the right knowledge of AWS cloud for clearing AWS certification exam. You will get real-time hands-on experience in working with cloud computing, Amazon Web Services, various components of cloud, like Software as a Service, Platform as a Service, Infrastructure as a Service and private cloud programming in this AWS course. You will learn to design, plan and scale AWS infrastructure using the best practices.

 <p>Instructor Led Duration – 33 Hrs Weekend Batch –3 Hrs/Session</p>	 <p>Self Paced Duration – 26 Hrs</p>
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Why take this Course?

Today cloud computing is no longer optional but critical to the success of some of the biggest enterprises on earth. Hence getting this AWS Training and Certification means you can open the doors to virtually unlimited job opportunities with highly competitive pay scales. The IntelliPaat AWS course is completely oriented towards the practical applications and hence gives you a clear advantage.

- ❖ AWS has over 1 million customers from 190 countries – Amazon.com
- ❖ AWS is as big as its next four competitors combined – businessinsider.com
- ❖ AWS Certified Solutions Architect can earn \$125,000 – indeed.com

Course Content

Module /Topic	Hands-on exercises
<p>Introduction to Cloud Computing & AWS</p> <ul style="list-style-type: none"> ❖ Introduction to Cloud Computing ❖ Cloud Computing models, AWS offerings Listing (EC2, VPC, AMI, EBS, ELB, Backup) ❖ Familiarizing with the AWS Architecture and AWS Management Console 	<ul style="list-style-type: none"> ❖ Setting up of AWS account
<p>Amazon Elastic Compute Cloud (EC2)</p> <ul style="list-style-type: none"> ❖ Overview of EC2 ❖ Elastic IP vs. Public IP ❖ Launching of AWS EC2 instance demo ❖ Amazon Machine Images (AMI) ❖ Auto Scaling, Cost of EC2 ❖ Best Practices of EC2 ❖ Amazon backup services and various concepts ❖ EC2 Demo 	<ul style="list-style-type: none"> ❖ Launch an EC2 instance, Launch a Linux Virtual Machine on EC2 ❖ Hosting a website with an EC2 instance
<p>Amazon Virtual Public Cloud</p> <ul style="list-style-type: none"> ❖ Simple Storage Service (S3) ❖ Elastic Block Storage (EBS) and Persistent Storage ❖ Amazon Glacier Storage ❖ Amazon Storage Gateway ❖ Amazon Snowball (Data Import/Export) 	<ul style="list-style-type: none"> ❖ Design a custom VPC with Public Subnet ❖ Check Route tables in VPC ❖ Create a security group and ACL

<ul style="list-style-type: none"> ❖ AWS Command Line Interface (CLI) ❖ Billing with Amazon CloudWatch 	
<p>Amazon Storage Services – 1</p> <ul style="list-style-type: none"> ❖ Elastic Block Storage (EBS) and Persistent Storage ❖ AWS Command Line Interface (CLI) 	<ul style="list-style-type: none"> ❖ Running AWS CLI commands, Storage Gateway ❖ Connecting on-premise software with cloud-based storage
<p>Amazon Storage Services – 2</p> <ul style="list-style-type: none"> ❖ Simple Storage Service (S3) 	<ul style="list-style-type: none"> ❖ Create an Amazon S3 bucket; Hosting a static website on Amazon S3
<p>Amazon Storage Service -3</p> <ul style="list-style-type: none"> ❖ Amazon Glacier Storage ❖ Amazon Storage Gateway ❖ Amazon Snowball (Data Import/Export) ❖ Billing with Amazon CloudWatch 	<ul style="list-style-type: none"> ❖ CloudWatch: Managing and Monitoring the AWS resources ❖ CloudWatch: Configuring alerts and notifications ❖ CloudWatch: Billing
<p>AWS Database Services-1</p> <ul style="list-style-type: none"> ❖ Relation Database: Amazon RDS ❖ Amazon Aurora ❖ NoSQL Database: Amazon DynamoDB 	<ul style="list-style-type: none"> ❖ Create RDS DB instance, Create a Read Replica of above instance of RDS ❖ Create Table in master RDS, Add Data to master RDS ❖ Add Data to replica RDS ❖ Create an instance of MySQL or Postgresql in Aurora ❖ Create NoSQL table in DynamoDB and run queries
<p>AWS Database Services -2</p> <ul style="list-style-type: none"> ❖ Data Warehouse: Amazon Redshift ❖ In-memory Cache: Amazon ElastiCache ❖ Database Migration: AWS Database Migration Service 	<ul style="list-style-type: none"> ❖ Create RDS DB instance ❖ Create a Read Replica of above instance of RDS ❖ Create Table in master RDS, Add Data to master RDS ❖ Add Data to replica RDS ❖ Create an instance of MySQL or

	<p>Postgresql in Aurora</p> <ul style="list-style-type: none"> ❖ Create NoSQL table in DynamoDB and run queries
<p>AWS Identity and Access Management (IAM) – Control user access</p> <ul style="list-style-type: none"> ❖ Authentication (Who can use) and Authorization (Level of access) ❖ IAM Policies – JSON structure, Users, Groups and Their Roles ❖ IAM HTTPS API, Logging IAM Events with AWS CloudTrail 	<ul style="list-style-type: none"> ❖ Create JSON document to define the access policy for users and groups ❖ Use AWS CloudTrail tool to log IAM events
<p>Load Balancing and Auto-Scaling</p> <ul style="list-style-type: none"> ❖ What is a Fault Tolerant System? ❖ Features of Elastic Load Balancing ❖ Two Types of Load Balancer: Classic and Application ❖ How Auto Scaling works in AWS ❖ Accessing Elastic Load Balancing: AWS Management Console, AWS CLI, AWS SDKs, HTTPS Query API 	<ul style="list-style-type: none"> ❖ Create an ELB ❖ Configure an Auto Scaling Group ❖ Make yourself familiar with Management Console
<p>Amazon Route 53</p> <ul style="list-style-type: none"> ❖ What Is Amazon Route 53 ❖ Domain Name Registration ❖ Routing Internet Traffic to Resources ❖ An automated check of the health of Resources 	<ul style="list-style-type: none"> ❖ Register a domain name, Configure the routing of internet traffic ❖ Check the health of the resources using automation facility
<p>Amazon Application Services</p> <ul style="list-style-type: none"> ❖ Elastic Beanstalk ❖ Simple Email Services (SES) ❖ Simple Notification Service (SNS) ❖ AWS Lambda ❖ Elastic OpsWorks 	<ul style="list-style-type: none"> ❖ Run an app using Beanstalk, Send an email using SES ❖ Enable notification service and generate a notification ❖ Copy object using Lambda ❖ Model and provision your app using OpsWorks

Project Work

Project 1: Real-time AWS operations

Industry: Internet

Problem Statement: Rendering a static website page using AWS S3

Topics: This is an Amazon Web Services project that will deploy the AWS S3 for rendering a webpage. As part of the project, you will be working on the AWS Route 53 DNS (Domain Name System) too. This project will familiarize you with the AWS architecture and the solutions offered by Amazon for successfully hosting and rendering a website.

Highlights:

- ❖ AWS Simple Storage Service
- ❖ AWS Route 53 DNS
- ❖ AWS Cloud solutions

Project 2: AWS CodeCommit deployment

Industry: Software

Problem Statement: How to migrate Git Repository to AWS CodeCommit

Topics: In this project, you will how to migrate an existing Git repository or unversioned local content to AWS CodeCommit, a fully-managed source control service that makes it easy for companies to host secure and highly scalable private Git repositories. You will learn about the AWS architecture and how AWS hosts the services on the cloud.

Highlights:

- ❖ Git Repository to AWS CodeCommit migration
- ❖ Overview of AWS architecture
- ❖ Storing and managing assets on AWS CodeCommit

Project 3: Deploying AWS Cloud Solutions

Industry: General

Problem Statement: How to successfully run the various AWS instances for different purposes

Topics: In this project you will deploy and host Jenkins, open-source automation software predominantly used for CI/CD (Continuous Integration/Continuous Deployment), Amazon Elastic Compute Cloud (EC2) in a public subnet would be used within your own Amazon Virtual Private Cloud (VPC) and you will also set up an Amazon Elastic Block Store (EBS) volume.

Highlight:

- ❖ Continuous Integration with Jenkins
- ❖ Storage with AWS EC2
- ❖ Block storage with AWS EBS

Intellipaat Job Assistance Program

Intellipaat is offering comprehensive job assistance to all the learners who have successfully completed the training. A learner will be considered to have successfully completed the training if he/she finishes all the exercises, case studies, projects and gets a minimum of 60% marks in the Intellipaat qualifying exam.

Intellipaat has exclusive tie-ups with over 80 MNCs for placement. All the resumes of eligible candidates will be forwarded to the Intellipaat job assistance partners. Once there is a relevant opening in any of the companies, you will get a call directly for the job interview from that particular company.

Frequently Asked Questions:

Q 1. What is the criterion for availing the Intellipaat job assistance program?

Ans. All Intellipaat learners who have successfully completed the training post in April 2017 are directly eligible for the Intellipaat job assistance program.

Q 2. Which are the companies that I can get placed in?

Ans. We have exclusive tie-ups with MNCs like **Ericsson, Cisco, Cognizant, Sony, Mu Sigma, Saint-Gobain, Standard Chartered, TCS, Genpact, Hexaware**, and more. So you have the opportunity to get placed in these top global companies.

Q 3. Does Intellipaat help learners to crack the job interviews?

Ans. Intellipaat has an exclusive section which includes the top interview questions asked in top MNCs for most of the technologies and tools for which we provide training. Other than that our support and technical team can also help you in this regard.

Q 4. Do I need to have prior industry experience for getting an interview call?

Ans. There is no need to have any prior industry experience for getting an interview call. In fact, the successful completion of the IntelliPaat certification training is equivalent to six months of industry experience. This is definitely an added advantage when you are attending an interview.

Q 5. What is the job location that I will get?

Ans. IntelliPaat will try to get you a job in your same location provided such a vacancy exists in that location.

Q 6. Which is the domain that I will get placed in?

Ans. Depending on the IntelliPaat certification training you have successfully completed, you will be placed in the same domain.

Q 7. Is there any fee for the IntelliPaat placement assistance?

Ans. IntelliPaat does not charge any fees as part of the placement assistance program.

Q 8. If I don't get a job in the first attempt, can I get another chance?

Ans. Definitely, yes. Your resume will be in our database and we will circulate it to our MNC partners until you get a job. So there is no upper limit to the number of job interviews you can attend.

Q 9. Does IntelliPaat guarantee a job through its job assistance program?

Ans. IntelliPaat does not guarantee any job through the job assistance program. However, we will definitely offer you full assistance by circulating your resume among our affiliate partners.

Q 10. What is the salary that I will be getting once I get the job?

Ans. Your salary will be directly commensurate with your abilities and the prevailing industry standards.

What makes us who we are?



"Coming from a background in automation development working with tools like Python and Perl, AWS helped me to make a successful transition and excel at my professional career"

-Dinesh K B



"I had extensive experience in Linux system administration and my love for automation took me towards learning AWS and now I am very well-placed in my career."

-Suvankar Das