



## Training Program

# Microsoft Azure (AZ-900 & AZ-104) Training



**1.2 Million**  
Learners



**1-1 Personalized**  
Mentorship



**60% Average**  
Salary Hike

# About Program



## Learning Format

Online / Offline



## Trainer

Industry Professionals



## Career Services

By Croma Campus

Our course content has been specifically designed to turn you into a skilled professional in this industry. As a part of your certification training, you will receive enough study material and recorded video sessions that will help you cover all the latest trends and features in this course. The training session will comprise important sections, features, advantages, and scope of the technology in the coming years. Moreover, our qualified trainers will help you imbibe all the required skills, and information in a much better manner to help you in you becoming an expert in this technology. Post the completion of your course, you will receive a training certificate recognized world-wide.

## What Make Us **Tick**



### Career-oriented Sessions

Attend 25+ career-oriented sessions by industry mentors and prepare your career trajectory



### Mock Interview Preparation

Prepare with mock interviews including most asked questions by top employers



### Dedicated Job Portal Access

Get exclusive access to 100s of job postings per month on Croma Campus Intellipaat's job portal



### Profile Building

Craft a resume and LinkedIn profile and make an impression on top employers



### 1:1 Mentoring Sessions

Get 1:1 guidance at every step in your career transition to respective Technology



### Guaranteed interviews

Get job interviews with 400+ hiring partners including promising startups and top MNCs

# Microsoft Azure (AZ-900 & AZ-104) Training Curriculum

## ✔ Azure Fundamentals

- Introduction
  - Cloud Computing Basics
  - Why Cloud computing?
  - What is Microsoft Azure?
  - Cloud terminologies
  - Fault Tolerance and Disaster Recovery
  - Describe the principles of economies of scale
  - Describe the consumption-based model
- Cloud Services
  - Describe Infrastructure-as-a-Service (IaaS),
  - Describe Platform-as-a-Service (PaaS)
  - Describe Software-as-a-Service (SaaS)
- Cloud Models
  - Describe Public cloud
  - Describe Private cloud
  - Describe Hybrid cloud
  - Compare and contrast the three different cloud models
- Core Azure architectural components
  - Describe Azure Architecture
  - Describe Regions
  - Describe Availability Zones
  - Describe Resource Groups
  - Describe Azure Resource Manager
- Management Tools
  - Azure Portal

## ✔ Azure Virtual Machines and Virtual Networks

- Virtual Machines Overview
  - Azure Virtual Machines
  - Azure Resource Manager VM
  - Introduction to ARM Templates
  - Create an Image from VM Snapshots
  - Create and configure a VM for Windows and Linux

- Virtual Networks Overview
  - Azure Virtual Networks
  - IP Addresses – Public & Private
  - Subnets
  - Network Interface Cards (NICs)
  - Network Security Groups (NSGs)

## ✓ Azure Storage

- Azure Storage
- Azure Storage Replication
- Azure Storage Explorer
- Attach or Detach an External Storage Account
- Shared Access Signatures (SAS)
- Attach a Storage Account using SAS
- Azure Blob Storage
- Azure File Storage
- Azure Queue Storage
- Azure Table Storage
- Create and configure storage accounts
- Import and export data to Azure
- Configure Azure files

## ✓ Azure App Service Web Apps

- Create Azure App Service Web Apps
- Create an Azure App Service Web App
- Create an Azure App Service background task by using Web Jobs
- Enable diagnostics logging
- Create an Azure Web App for Containers
- Monitor service health by using Azure Monitor

## ✓ Application Insights

- What is application insight
- How to derive application insights?
- Develop code to support scalability of apps and services
- Implement code that handles transient faults

## ✔ Azure Logic Apps & Function Apps

- Develop an App Service Logic App
  - Create a Logic App
  - Create a custom connector for Logic Apps
  - Create a custom template for Logic Apps
- Develop an App Service Function App
  - What are functional apps?
  - Prerequisites
  - Steps to create functional apps
  - Create a template for function apps
  - Writing code for functional app

## ✔ Azure Key Vault

- Azure Vault Basic Concepts
- Authentication
- Azure Vault Roles
- Security overview
- Secure access to a key vault
- Key Vault authentication fundamentals

## ✔ Azure Cosmos DB

- Introduction to NoSQL
- SQL vs NoSQL Database
- 4 types of NoSQL Databases
- NoSQL Offerings by Microsoft Azure
- Cosmos DB Overview
- Cosmos DB - Multi Model 5 APIs
- Table Storage vs. Cosmos DB
- Provision Cosmos DB Account
- Cosmos DB database containers and items
- Cosmos DB throughput and request units
- Cosmos DB - Horizontally Scalable

## ✔ Azure Redis Cache

- Introduction to Caching
- Introduction to Redis Cache

- Programming Redis Cache
- Developing Redis Cache Clients
- Controlling expiration
- Best practices

## ✔ Azure SQL

- What is an Azure Database?
- What can you configure in Azure Database?
- Setting up SQL server
- Creating Azure SQL database
- Creating a Virtual Machine (VM) SQL Server Database on Azure
- Common DBA tasks
- Replicating your databases
- Performance monitoring an Azure SQL Database
- Restore a Database
- Migrating an Azure SQL database
- Creating Azure SQL tables using SQL Server Management Studio (SSMS)
- Elastic Pool
- Dynamic Data Masking

## ✓ AZ 104 – Microsoft Azure Administrator

### ✓ Manage Azure identities and governance (15–20%)

- Manage Azure AD objects
  - Create users and groups
  - Manage user and group properties
  - Manage device settings
  - Perform bulk user updates
  - Manage guest accounts
  - Configure Azure AD Join
  - Configure self-service password reset
  - NOTE: Azure AD Connect; PIM
- Manage role-based access control (RBAC)
  - Create a custom role
  - Provide access to Azure resources by assigning roles
    - Subscriptions
    - Resource groups
    - Resources (VM, disk, etc.)
  - Interpret access assignments
  - Manage multiple directories
- Manage subscriptions and governance
  - Configure Azure policies
  - Configure resource locks
  - Apply tags
  - Create and manage resource groups
  - Move resources
  - Remove RGs
  - Manage subscriptions
  - Configure Cost Management
  - Configure management groups

### ✓ Implement and Manage Storage (10–15%)

- Manage storage accounts
  - Configure network access to storage accounts
  - Create and configure storage accounts
  - Generate shared access signature
  - Manage access keys
  - Implement Azure storage replication

- Configure Azure AD Authentication for a storage account
- Manage data in Azure Storage
  - Export from Azure job
  - Import into Azure job
  - Install and use Azure Storage Explorer
  - Copy data by using AZ Copy
- Configure Azure files and Azure blob storage
  - Create an Azure file share
  - Create and configure Azure File Sync service
  - Configure Azure blob storage
  - Configure storage tiers for Azure blobs

## ✔ Deploy and Manage Azure Compute Resources (25–30%)

- Configure VMs for high availability and scalability
  - Configure high availability
  - Deploy and configure scale sets
- Configure VMs for high availability and scalability
  - modify Azure Resource Manager (ARM) template
  - Configure VHD template
  - Deploy from template
  - Save a deployment as an ARM template
  - Automate configuration management by using custom script extensions
- Create and configure VMs
  - Configure Azure Disk Encryption
  - Move VMs from one resource group to another
  - Manage VM sizes
  - Add data discs
  - Configure networking
  - Redeploy VMs
- Create and configure containers
  - Create and configure Azure Kubernetes Service (AKS)
  - Create and configure Azure Container Instances (ACI)
  - NOT: selecting a container solution architecture or product; container registry settings.



- Create and configure Web Apps
  - create and configure App Service
  - create and configure App Service Plans
  - NOT: Azure Functions; Logic Apps; Event Grid

## ✔ Configure and Manage Virtual Networking (30–35%)

- Implement and manage virtual networking
  - Create and configure VNET peering
  - Configure private and public IP addresses, network routes, network interface, subnets, and virtual network
- Configure name resolution
  - Configure Azure DNS
  - Configure custom DNS settings
  - Configure a private or public DNS zone
- Secure access to virtual networks
  - Create security rules
  - Associate an NSG to a subnet or network interface
  - Evaluate effective security rules
  - Deploy and configure Azure Firewall
  - Deploy and configure Azure Bastion Service
  - NOT: Implement Application Security Groups; DDoS
- Configure load balancing
  - Configure Application Gateway
  - Configure an internal load balancer
  - Configure load balancing rules
  - Configure a public load balancer
  - Troubleshoot load balancing
  - NOT: Traffic Manager and Front Door and Private Link
- Monitor and troubleshoot virtual networking
  - Monitor on-premises connectivity
  - Use Network Performance Monitor
  - Use Network Watcher
  - Troubleshoot external networking

- Troubleshoot virtual network connectivity
- Integrate an on-premises network with an Azure virtual network
  - Create and configure Azure VPN Gateway
  - Create and configure VPNs
  - Configure ExpressRoute
  - Configure Azure Virtual WAN

## ✔ Monitor and Back up Azure Resources (10–15%)

- Monitor resources by using Azure Monitor
  - Configure and interpret metrics
  - Analyze metrics across subscriptions
  - Configure Log Analytics
  - Implement a Log Analytics workspace
  - Configure diagnostic settings
  - Query and analyze logs
  - Create a query
  - Save a query to the dashboard
  - Interpret graphs
  - Set up alerts and actions
  - Create and test alerts
  - Create action groups
  - View alerts in Azure Monitor
  - Analyze alerts across subscriptions
  - Configure Application Insights
  - NOT: Network monitoring
- Implement backup and recovery
  - configure and review backup reports
  - perform backup and restore operations by using Azure Backup Service
  - create a Recovery Services Vault
  - use soft deletes to recover Azure VMs
  - create and configure backup policy
  - perform site-to-site recovery by using Azure Site Recovery
  - NOT: SQL or HANA

## Placement Guide

- Tips to clear an Interview
- Common Interview questions and answers
- AZ 104 Interview Questions and Answers
- Resume Building Guide
- Attempt for AZ 104 Global Certification Exam
- Earn Credentials and Start applying for Jobs

# e-Learning through **LMS**

## Learning **Management System**

Our LMS (LearnPitch) is for the administration, documentation, tracking, reporting, automation, and delivery of educational courses, training programs, or learning and development programs.

Our LMS has been designed to identify training and learning gaps, using analytical data and reporting to keep you up with the class activities.

## Key Features **Learning Management System**



Live Sessions with Class recordings



Get study material with Assignments.



Track your curriculum covered.



Track your class wise attendance



Share your feedback for Trainer & Training



Get your Training Certificate from LMS



# Training Certification

## Earn Your Certificate

Your certificate and skills are vital to the extent of jump-starting your career and giving you a chance to compete in a global space.



# Croma Campus! Reviews



“The most rewarding part of my experience has been achieving a prestigious certification in the subject that I love. Moreover, the training offered out by the specialists are of world-class and prepares out the students for corporate world. For me Croma Campus means a lot.”

“*By The Students For The Students,*”

## Your Success Is **Our Story**



**Bharat**

“I am fully satisfied with the excellent training services received by the expert staff at Croma Campus. I want to thank Croma Campus for providing me with the most innovative and affordable training services for learning all the software testing procedures and guidelines. ”



**Ankit**

“It was a lifetime experience for me to get trained by IT Experts of Croma Campus. What I liked most about the training was the consistent high-quality education, which was friendly and co-active. The placement department was also proactive, they keep me updated regarding new job opportunities and provide the grooming session to crack the interview. At last, I would like to thank all faculty members of Croma Campus for their immense help and support. ”



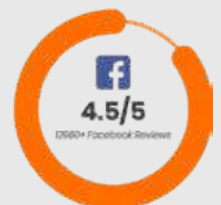
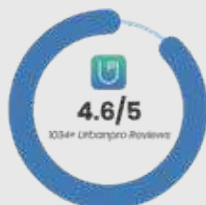
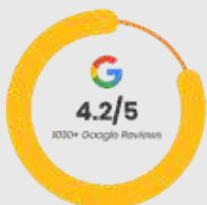
**Nitesh**

“Without any second thought, I will give Croma Campus 10/10. Their placement department is highly proactive. I remember they started scheduling interviews for me from the very next day when I told them my course has been completed. These people are doing a phenomenal job and I highly recommend Croma Campus to everyone. ”



**Shams Khan**

“Croma Campus is doing a phenomenal job in the IT training industry. The reason why I decided to join their training program was that they provide quality training at very a nominal price. Plus, the online training mode was also a factor due to which I decided to join the training program of Croma Campus as I didn't want to attend physical classes. ”



# Meet Our Team



## Sales Team

Our Sales team is highly passionate, emphatic, positive attitude, great listening skills, ability to deliver quick solutions, and they are multitasker too. Our team always remains up-to-date about all the latest technologies and market trends. With effective communication skills, they always work to deliver the right information to customers when it is needed.

## Product Team

Our product team is highly functional and collaborative working together to achieve the common outcome of designing exceptional digital experiences. Each of our members is a contributor to help us achieve success in long-run. Sitting at the high-end of technology and innovation, team helps to deliver high-end customer experiences and always comes out with a big idea as a game-changing plan.



## Marketing Team

Our Marketing team works as gladiators and helps us to achieve business success in all possible ways. They are included in almost everything either it is building a brand, creating brand awareness, promoting products or services, delivering trailblazing customer experiences or increasing engagement at public forums. They are the true backbone of the Company.

## Content Team

Our content team is responsible for ideation, creation, optimization, and distribution of content throughout the company. The team always starts its work with a strategy, how to create high-quality contents, and how to promote or share the content. Our in-house content team help us to produce all types of contents either they are educational content pieces, marketing content, SEO content, or any other forms too.



## Customer Access Team

This is the team that has actually been taken up us from reactive state to a pro-active state. The team utilizes high-valued solutions to satisfy customers in all possible ways. It is truly said that no company can succeed if your customers are not satisfied. And our customer success team is dedicatedly working to keep all the customers satisfied and we always consider our customer feedback on priority.

## HR Team

Our HR team is committed to provide high-end solutions to employees as they require. Our HR team has the right skills and knowledge to make sure that the HR department can always be legally and strategically successful. They know how to keep employees motivated all the time with the best HR policies and fun activities too from time to time.

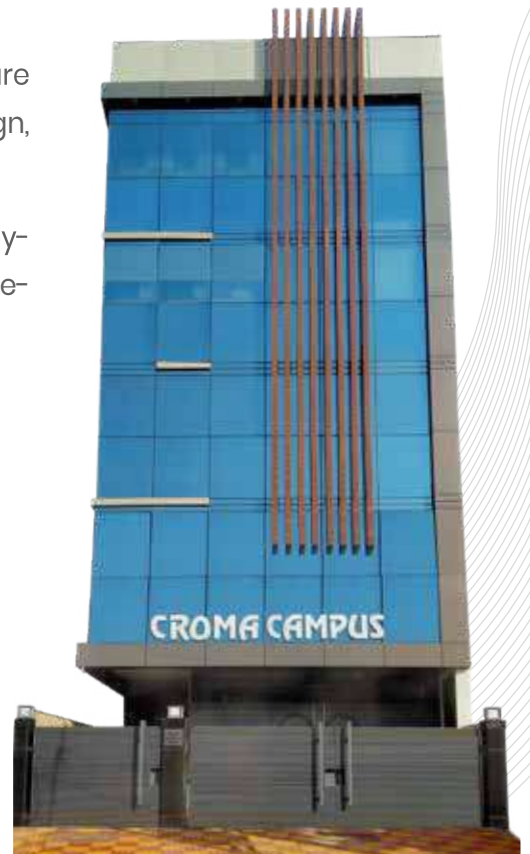


# Glimpse Of Our Office

## Look **Who We are**

Our office's infrastructure comprises all the necessary software and network resources that are required to deliver IT & Design, Human Resources, Digital Marketing, and training services.

We are well-equipped with bright designed work bays for employees and managers having separate cabins with spacious cafeteria and training classrooms.





# About **Croma Campus**

“ Our Mission is to Build Nation through Education & Beyond Limitation. ”

Croma Campus Training & Development Private Limited is an education platform providing rigorous industry-relevant programs designed and delivered in collaboration with world-class faculty, industry & Infrastructure. In the past 12 years we have trained 18000+ candidates and out of which we are able to place 12000+ professionals in various industries successfully.

We Are Affiliated With Different Partners



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