Microsoft Azure Fundamentals

Training and Certification

ABOUT US

We offer Cyber Security and Information Security training and Certification in Delhi for Cyber Security and Information Technology aspirants. Since Decade, we have been in the Information Technology and Cybersecurity industry. You can learn more about cybersecurity, Techniques, and Tools to choose a better career path.

DESCRIPTION

The Microsoft Azure Fundamentals Certification is a first-level certification exam that verifies a candidate's understanding of the fundamentals of cloud computing and how Microsoft Azure works. Additionally, this Azure Fundamentals Certification is made for people who want to grasp cloud computing in general and Azure in particular, including its costs, support, and cloud ideas.

Duration -
40Hrs

Language -
Hindi & English

Mode -
Online & Offline

BENEFITS

1. Basic to Advanced Courses
2. Interview Cracking and Proposal-Making Sessions
3. Transparent Syllabus
4. Career-Oriented Courses and Certifications
5. International Accreditation

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SAMPLE CERTIFICATE

MICROSOFT AZURE ADMINISTRATOR COURSE MODULE

Module 01: Introduction to Azure

- Compute Services
- Storage
- Why Use Azure
- List the benefits of using Microsoft Azure.
- How does Azure work
- Why use Azure
- Why do we need Azure

Module 02: Cloud Concepts

- What is Cloud Computing?
- Cloud Computing benefits
- Terminologies and key concepts
- Economies of scale
- OpEx vs CapEx
- Cloud models: Public, private, and hybrid cloud
- Characteristics of cloud models
- IaaS, SaaS, and PaaS
- Use cases of IaaS, SaaS, and PaaS
- Shared responsibility model of cloud models

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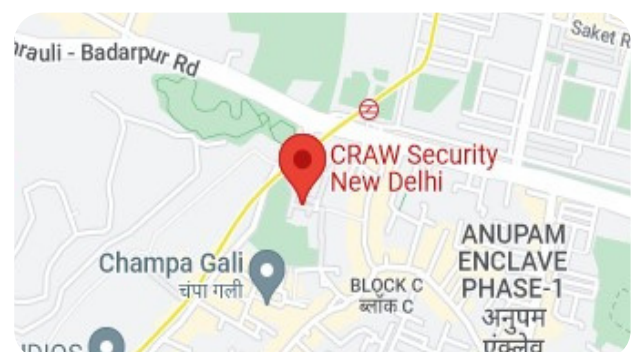
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MICROSOFT AZURE ADMINISTRATOR COURSE MODULE

Module 03: Azure Services

- Introduction
- Azure regions
- Region pairs
- Region-wise feature availability
- Availability zones and sets
- Resource groups
- Azure Resource Manager
- Azure products and core services
- Azure Compute
- Azure virtual machines (VMs)
- Containers and virtual networks (VNets)
- VPN Gateway and Azure Load Balancer
- Azure Application Gateway
- Content delivery networks (CDNs) of Azure
- Working of CDNs
- Storage services of Azure
- Structured, unstructured, and semi-structured data
- Types of Azure Storage accounts
- Azure Storage account: Blob

- Database services of Azure
- Azure Marketplace and Azure SQL
- Internet of Things (IoT)
- IoT Hub
- Azure Big Data and SQL Data Warehouse
- Azure Analytics and Data Lake Analytics
- Azure HDInsights
- Machine Learning
- Services and Studio of Azure Machine Learning
- Server-less computing
- DevOps concepts
- Management tools of Azure
- Developing resources: Using Powershell, Azure CLI, and Cloud Shell
- Deployment using JSON
- Azure Advisor

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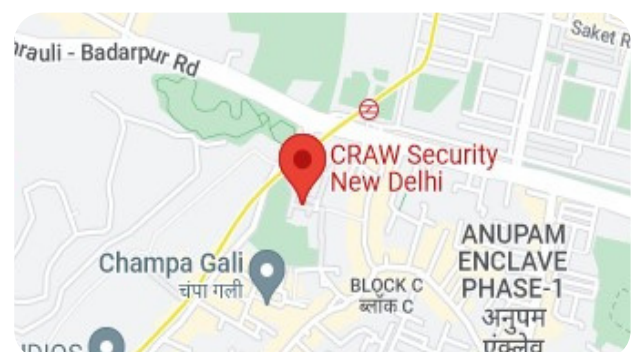
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Module 04: Privacy, Compliance, Security, and Test

- Introduction
- Azure Firewall
- Azure DDOS
- Groups of network security
- Groups of application security
- AuthN and AuthZ
- Active Directory of Azure
- Multi-factor authentication
- Security center and key vault of Azure
- Azure Information and Advanced Threat Protection
- Azure Policy
- Role-based Access Control (RBAC) of Azure
- Azure locks and blueprints
- Governance of subscription
- Azure tags and monitoring
- Azure Service Health
- Terms and requirements of compliance
- Privacy statement and trust center of Microsoft
- Service Trust Portal

Module 05: Azure Support and Pricing

- Azure subscriptions
- Management groups
- Available options for purchasing Azure product and services
- Usage of metrics
- Costing factors
- Zones for billing concepts
- Pricing calculator of Azure
- Azure's total cost of ownership (TCO)
- Cost minimization techniques in Azure
- Azure support plans and cost management
- Service level agreements (SLAs)
- Composite SLAs
- Making improvements in Application SLAs
- Offering feedback and general availability
- Announcements, updates, and roadmaps of Azure

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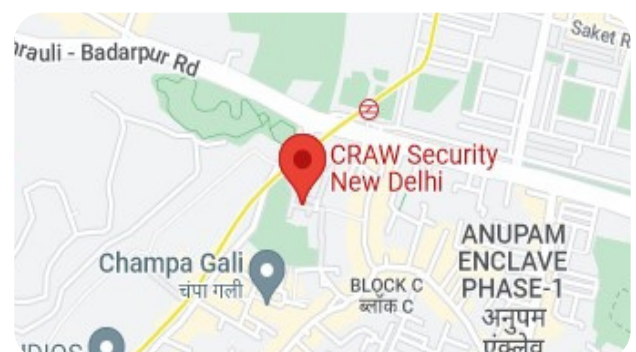
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