



Azure Cloud Solution Architect

IT TRAINING HANDS-ON | BY SCARSTACK
SOLUTION IT TRAINING

[HTTPS://SCARSTACKSOLUTION.COM](https://scarstacksolution.com)



The Cloud Solution Architect

Training Cost: \$1,200 | Duration: 10 Weeks

Become an expert in networking, administering and configuring Virtual Machines, App Services, and Serverless Resources using SaaS, PaaS, and IaaS. Become highly skilled in Migrating, Securing, Deploying, and Monitoring Apps, APIs, VMs, and Databases.

• **CERTIFICATION YOU'LL EARN:**
Microsoft Certified Azure Solution Expert

Top 10 Paying companies for this Role:

1. Google: \$282,895/yr.
2. Cisco: \$267,667/yr.
3. Microsoft: \$255,935/yr.
4. Amazon Web Service: \$253,394/yr.
5. Cloudreach: \$247,618/yr.
6. NetApp: \$245,497/yr.
7. Amazon: \$240,508/yr.
8. Intel: \$230,123/yr.
9. Verizon: \$228,021/yr.
10. Oracle: \$227,845/yr.

Why become a Cloud Solution Architect?

In recent years, the demand for cloud solution architects has surged due to the growing significance of cloud computing. Organizations adopt cloud platforms for better scalability and security, making cloud solution architects among the highest earners in IT. According to Goldman Sachs, cloud infrastructure is a top priority for IT executives, with Forbes reporting a median salary of \$137,957 for Cloud IT architects.

How much do Cloud Solution Architects earn?

Cloud Solution Architects earn an average of between \$132,000 - \$207,000 per annum.

[Glassdoor salary confirmation](#)

What you'll gain from this Training:

1. Practical hands-on approach through each class of the Training.
2. Materials & Training to earn the Cloud Architect certification.
3. Hands-on lab Assessments to assess your skills for each class.
4. Weekly homework assignments to keep you continuously engaged.
5. Free resume building offered after training completion.
6. One-on-one mentorship to address any specific challenges.
7. Free mock interview preparations to get candidates prepared for interviews.





TOOLS & RESOURCES UTILIZED

Microsoft
Azure Portal

Azure
CloudShell

Azure CLI

Azure
Storage
Explorer

Azure
Bastion

Docker Hub

Docker
Desktop

Azure Data
Studio

Microsoft
Visual
Studio

GitHub &
Git Version
Control



Training Module

- ▶ Azure Foundation Basics
- ▶ Azure Compute Services
- ▶ Azure Databases
- ▶ Azure DevOps Services
- ▶ Monitoring
- ▶ Networking
- ▶ Storage
- ▶ Security
- ▶ Governance
- ▶ Cost Management



Azure Foundation Basics

- ▶ Introduction to Cloud computing and Azure
- ▶ Configuring and setting up the Azure Portal
- ▶ Azure Subscription
- ▶ Resource Groups
- ▶ Utilizing and Accessing CloudShell
- ▶ Azure Regional Locations
- ▶ Azure Resource Manager
- ▶ Deploying ARM Templates
- ▶ Deploying Resource Group Templates



Azure Compute Services

Introduction to Virtual Machines (VMs)

Creating & Accessing VMs via Bastion, RDP

Configuring Inbound Rules and IIS for VMs

Azure Container Apps

Docker-Image Repos and Docker Hub

Azure App Services

Single Containers and Docker Compose

Azure Container Registry (ACR)

Azure Kubernetes Services (AKS)

Azure Functions and HTTP Triggers



Azure Databases



AZURE SQL SERVER & AZURE
SQL DATABASES



AZURE DATABASE
MIGRTION SERVICES



AZURE COSMOS
NOSQL DB



Azure DevOps



Azure Repos
(Repositories)



Azure Pipelines



Azure Artifacts



Azure Boards



Monitoring

Application Insights

Activity Logs

Metrics

Alerts

Diagnostic Settings



Networking



- ▶ Load Balancers
- ▶ Application Gateway
- ▶ Virtual Networks
- ▶ Subnets
- ▶ VPN Gateway
- ▶ Gateway Subnets
- ▶ Azure Firewall
- ▶ Firewall Manager
- ▶ DNS Zones and Names
- ▶ DNS Servers



Storage

- ▶ Storage Accounts
- ▶ Blob Storage
- ▶ Azure Files
- ▶ Table Storage
- ▶ Queue Storage
- ▶ Azure Storage Redundancy
- ▶ Azure Import/Export Jobs
- ▶ Disks, Disk Access and Pools
- ▶ Storage Browser
- ▶ Azure Storage Explorer



Security

- ▶ Azure Active Directory (Microsoft Entra)
- ▶ Identity Access Management (IAM)
- ▶ Multifactor Authentication
- ▶ Network Security Groups
- ▶ Application Security Groups
- ▶ Key Vaults
- ▶ Private Links
- ▶ Endpoints
- ▶ Microsoft Defender for Cloud
- ▶ Web Application Firewall Policies (WAF)



Governance



Azure Blueprints



Azure Policy



Azure Resource Graph



Azure Management Group



Cost Management



Cost Analysis



Cost Alerts



Budgets



Billing Profile Invoices



Advisor Recommendations