

# Cloud Solution Architect

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**PRACTICAL HANDS-ON IT  
TRAINING**

By Scarstack Solution IT Training

<https://scarstacksolution.com>





# The Cloud Solution Architect

**Training Cost: \$1,400 | 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.

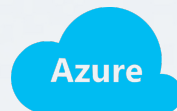
## How much do Cloud Solution Architects earn?

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 Utilized In Training

- **Microsoft Azure Portal**
- **Azure Data Factory**
- **Azure DevOps**
- **PowerShell**
- **Terraform**
- **Docker**
- **GitHub**
- **Kubernetes**
- **Azure Data Studio**
- **Visual Studio Code**
- **Git Version Control**
- **Azure Storage Explorer**
- **Azure Resource Manager**

# Training Syllabus

## 1. Introduction to Cloud Computing

- Introduction to Cloud
- Cloud Services: IaaS, PaaS, SaaS
- Cloud Computing Types
- Introduction to Azure
- Setting up Azure Portal

## 2. Compute

- Virtual Machine Scale Sets
- Availability Sets
- App Services
- Function Apps

## 3. Infrastructure as Code

- Terraform
- Bicep
- Azure Resource Manager

## 4. DevOps and CI/CD Pipeline

- Github & Azure DevOps
- Git, YAML and Repos
- Continuous Integration
- App Services & Artifacts
- Continuous Deployment

## 5. Identity, RBAC and access management

## 6. Containers

- Kubernetes Services
- Docker
- Container Registries

## 7. Storage Account

## 8. Cloud Governance

- Resource Graph
- Azure Policy
- Cost Management
- Management Groups

## 9. Monitoring

## 10. Database & Analytics

- Azure SQL Database
- Database Migration
- Synapse Analytics
- Azure Data Factory

## 11. Networking

## 12. Cloud Security