

Microsoft Azure Training Program

This course is recommended
For IT Graduates specialising
in:

- Networking
- System Administration
- Telecommunications
- Cloud Computing
- DevOp Engineering



www.appskill.com.au
appskill@studyandwork.com.au

Melbourne Location: Elizabeth Street, Melbourne VIC 3000
Sydney Location: Quay Street, Sydney NSW 2000
T: 1300 79 80 69, 02 9264 2504

Microsoft Azure Training Program

About the Program:

Learn how to use Microsoft Azure and get practical exposure on cloud services for building, deploying and managing applications.

About the Instructor:

Our instructors are industry practitioners not academics, who have the latest technical skills, at least 3 years of relevant industry experience and are passionate about technology and training future talent.

Career Path:

- Azure Solution Architect
- Azure Networking Specialist
- Azure SysOps Administrator
- Cloud System Integrator
- Cloud DevOps Engineer
- Operational Support Engineer

Skill Level:

Beginner to Intermediate

Program Duration:

Lecture: 30 hours, Assignment: 15 hours, Internship: 270 hours

Program Delivery:

2 weeks of classroom training followed by 12 weeks of in-company internship (optional)

Program Fee:

\$750 Online Training OR

\$1,500 Inclassroom

Internship Fee:

\$1,750

Timetable Option 1:

Monday to Friday, 10am to 1pm

Timetable Option 2:

Monday to Friday, 6pm to 9pm (Online only)

Internship Timetable:

Monday to Friday, 9am to 5pm (3 to 5 days))

Intake Dates:

Fortnightly

Melbourne Location:

Elizabeth Street, Melbourne VIC 3000

Sydney Location:

Quay Street, Sydney NSW 2000

COURSE SYLLABUS

Module 1: Why Cloud? (Duration- 1hrs)

- Why Cloud and What is Cloud Computing?
- Identify the features and benefits of cloud computing
- Different types of Cloud Computing deployment model
- Public Cloud, Private Cloud, Hybrid Cloud
- Virtualization – An essential in cloud
- Virtualization in Cloud model
- Different types of virtualization
- Hypervisor – Benefits
- Different types of services and their difference in Cloud computing
- IaaS, PaaS, SaaS
- Importance of scaling in cloud computing
- Different types of scaling and its applications
- Issues we overcome using cloud and applications
- Cost model that we use in cloud computing

Module 2: A kick start on the Microsoft Azure platform (Duration- 1hrs)

- Microsoft Azure – A High-level overview
- Creation of Azure account
- Overview of the services provided in Azure
- Learn support center help and other controls

Module 3: Managing Microsoft Azure Subscription (Duration-1hrs)

- Creating subscription for the account
- Cost center and tagging
- Azure policies

Module 4: Azure Resource Management (Duration-2hrs)

- Managing and analyzing Azure resource
- Diagnostics and baseline environment
- Creating alerts and metrics
- Managing costs
- Log analysis

Module 5: Azure Virtual Machines (Duration-5hrs)

- Introduction to Virtual machine architecture
- Azure Virtual machine – an overview
- Understanding different families of virtual machines
- Understanding the plans and costs of virtual machines
- Creating a virtual machine
- Connecting the virtual machine remotely
- Understanding VM Availability
- Understanding and setting virtual machine monitoring
- Virtual Machine scale sets (VMSS)
- Creating windows and Linux virtual machines

Module 6: Managing Azure Virtual Machines (Duration-2hrs)

- Adding additional data disks to Virtual machine
- Adding network interface cards to virtual machines
- Changing different VM size
- Redeploying virtual machines

Module 7: Azure Virtual machine backups (Duration-2hrs)

- Understanding virtual machine backups
- Virtual machine backup jobs and restores

- Hands-on on virtual machine concepts

Module 8: Azure Virtual Networks (Duration-6 hrs)

- Understanding Basic networking
- Understanding CIDR
- Creation of virtual networks
- Public IP addressing concepts
- Learning network routing on azure
- Setup virtual networks peering between different virtual networks
- Vent to vent connection

Module 9: Introduction to Load Balancing (Duration-2 hrs)

- Setup Load Balancer
- Front End IP Configuration

Module 10: Azure network security groups (Duration-1hr)

- An intro to Network security groups
- Implementing Network security group rules

Module 11: Azure DNS Services (Duration-2hrs)

- Azure DNS services introduction
- Assigning custom domains

Module 12: Azure AD – Basic vs Premium (Duration-5hrs)

- Introduction and Creating Azure AD
- Adding our Custom Domains
- Learn about AD Identity Protection
- How to implement Self Service Password Reset
- Conditional Access and Access Reviews

Module 13: Implementing MFA (Duration-1hrs)

- Azure AD MFA – An introduction
- Azure AD Conditional Access
- Configuring Fraud Alerts
- MFA One Time Bypass

Module 14: Azure RBAC (Duration-1hrs)

- Understanding Azure Role-based access control (RBAC)
- Creating custom RBAC

Module 15: Creating and configuring storage accounts (Duration-3hrs)

- Create Storage Account
- Virtual Networks and Firewalls
- Access Keys and SAS
- Storage Explorer
- Log Analytics
- Redundant Storage

Why learn from Appskill?

- Our training programs offer what no other university degree or education program can: real industry experience.
- You will attend live training in classroom or online via Zoom delivered by industry professionals, not academics.
- Our trainers bring in-depth experience from the field to the classroom each day, providing invaluable insights into succeeding on the job.
- We limit our class sizes at 10 students so you can ask all the questions you want.
- We organise internships in reputable host companies who are looking to hire staff so you get a chance to practice and improve your skills while getting assessed for employment.
- We try our best to convince host companies to make a job offer, thus most internships lead to employment.
- We provide Satisfaction Guarantee, which means if you are not completely satisfied with the quality of training delivered by our trainer or the work experience provided by host company, we will offer a replacement training program and internship at no extra cost.

What training programs are on offer?

- Amazon Web Services
- Microsoft Azure
- Agile Scrum Master
- Data Analytics with Python and Tableau
- Full Stack Web Development
- Android Application Development
- Salesforce Administration
- Digital Marketing

Why get trained now?

- Many organisations are migrating their IT infrastructure and databases into cloud.
- Many traditional shop-front businesses are going online for e-commerce.
- Most organisations are using data analysis and business intelligence to make impactful business decisions.
- Millions of IT jobs are available worldwide in spite of a global recession.
- Earn above \$100,000 pa after a few years of industry experience.

Join a Free Demo Lesson for an hour

Join a free demo lesson to assess the quality of our training programs and trainers.

Register now by sending your resume to: appskill@studyandwork.com.au.

Call us on 1300 79 80 69 to speak to a Course Advisor.