



@ASK Training
Attitude | Skills | Knowledge

5-DAYS

Cloud Computing

Course Code: TGS-2024046147 (SCTP)
TGS-2025060536 (Non-SCTP)

up to
90%
SkillsFuture
Funding

Course Description

Cloud computing is a model that enables on-demand access to shared computing resources, such as servers, storage, networks, and applications, that can be rapidly provisioned and scaled with minimal effort. As organizations in Singapore and worldwide accelerate digital transformation, the demand for skilled cloud professionals continues to grow, with national initiatives actively addressing the talent gap.

This course provides participants with both foundational knowledge and hands-on technical skills to design, deploy, and manage cloud solutions effectively. Participants will explore key concepts of cloud architecture, service models (IaaS, PaaS, SaaS), and deployment strategies (public, private, hybrid, community), while gaining practical experience in configuring virtual networks, managing storage, deploying virtual machines, and monitoring cloud environments using Azure tools.

Completion of this course prepares participants for the Microsoft Azure Fundamentals (AZ-900) and Azure Administrator Associate (AZ-104) certification exams, thereby enhancing their career readiness in cloud computing.

Prerequisites

- Completed the Network Fundamentals and Troubleshooting course, and Advanced Network Administration course awarded by @ASK Training
- Mature candidates (≥ 30 years old with 8 years' work experience in an ICT-related field); OR
- Candidates with other qualifications will be considered on a case-by-case basis

Learning Outcomes

- Explain the core concepts, architecture, and characteristics of cloud computing.
- Differentiate between Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS), including applying the appropriate service model based on use cases.
- Evaluate cloud deployment models (public, private, hybrid, community) with emphasis on security, compliance, and governance considerations.
- Configure virtual networks, subnets, and IP addressing to establish secure connectivity.
- Manage cloud storage solutions including object, block, and file storage
- Deploy and configure virtual machines, covering sizing, storage, and networking requirements.
- Implement Azure Network Watcher and troubleshoot networking issues.
- Configure Azure Monitor for performance tracking, alerts, and proactive troubleshooting.

COURSE OUTLINE



Learning Unit 1: Introduction to Cloud Computing



Learning Unit 2: Introduction to Cloud Virtual Network



Learning Unit 3: Introduction to Cloud Storage



Learning Unit 4: Introduction to Cloud Virtual Machines



Learning Unit 5: Introduction to Cloud Monitoring



Written Assessments

Candidates are to answer all questions and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 5



Practical Assessments



Candidates are to perform cloud computing and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 5

IT-TOOLS COVERED




Window Server 2022 Azure Virtual Environment with admin access to provision resources like storage, virtual network

COURSE FEES & FUNDING

 Self-Sponsored	Course Fee before Subsidy and GST	Eligible Funding	Nett Fees Payable incl. 9% GST
Singapore Citizens 40 years old and above	S\$1,500.00	90% SkillsFuture Funding	S\$190.50
Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old		70% SkillsFuture Funding	S\$490.50
 Company-Sponsored	Course Fee before Subsidy and GST	Eligible Funding	Nett Fees Payable incl. 9% GST
Small-to-Medium Enterprise (SME) Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old	S\$1,500.00	90% SkillsFuture Funding	S\$190.50
Non-SME Singaporean Citizens, PRs or LTVP+ Holders ≥ 21 years old		70% SkillsFuture Funding	S\$490.50
Non-SME Singapore Citizens 40 years old and above		90% SkillsFuture Funding	S\$190.50

 Call
6484 6723

 Whatsapp
9430 3852

 Email
information@asktraining.com.sg

Location:
8 Jurong Town Hall Road
#27-01 The JTC Summit
Singapore 609434