



**@ASK Training**  
Attitude | Skills | Knowledge

**6-DAYS**

# Systems and Server Administration

Course Code: TGS-2023040663 (SCTP)  
TGS-2025060530 (Non-SCTP)

up to  
**90%**  
SkillsFuture  
Funding

## Learning Outcomes

- Explain the distinction between server and server/client concepts, including hardware selection, roles of server components, and comprehend the essentials of Active Directory, Domain Name System, Demilitarized Zone, Cloud Computing, and Virtualisation as integral parts of network infrastructure.
- Select and install server hardware that includes deploying Windows Server through Hyper-V, and successfully executes a secondary installation of Windows Server in a virtual machine environment.
- Set up Active Directory (AD) and effectively manage organisation units (OUs), users, and groups in it, including setting up a Read-Only Domain Controller (RODC) computer object, creating an HR organizational unit using Active Directory Users and Computers (ADUC), and establishing two global HR groups within this OU.
- Set up and integrate Domain Name System (DNS), including configuring DNS zones, records, and conditional forwarding, installing Dynamic Host Configuration Protocol (DHCP), and implementing DHCP scopes, reservations, and failover mechanisms.

# COURSE OUTLINE



**Learning Unit 1:**  
**Introduction of Microsoft Server Environment**



**Learning Unit 2:**  
**Server Installation - Requirement and Techniques**



**Learning Unit 3:**  
**Deployment of Active Directory Domain Service (ADDS)**



**Learning Unit 4:**  
**Deployment of DNS and DHCP**



**Learning Unit 5:**  
**Deployment of disks, file system and storage space**



## 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 8.



## Practical Assessments

Candidates are to diagnose and resolve complex technical issues and receive a minimum grade of 50% and above (out of 100%) to demonstrate competencies in Learning Units (LU) 1 to 8.

# **COURSE OUTLINE**

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**Learning Unit 6:**  
**Deployment of Remote Access Services**



**Learning Unit 7:**  
**Hyper-V in Windows Server**



**Learning Unit 8:**  
**High availability (HA) & Disaster recovery (DR)**

## **IT-TOOLS COVERED**

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**Window Server 2022 Azure Virtual Environment**



Call

**6484 6723**



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**9430 3852**



Email

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**Location:**

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

# Course Fees & Funding

**S\$1,700**

(exclusive of 9% GST)

## PROGRAMME FEE AFTER ELIGIBLE SSG SUBSIDIES:

From **S\$215.90**

(inclusive of 9% GST) after 90% SSG Subsidies



### Self-Sponsored

**Course Fee**  
before Subsidy and GST

### Eligible Funding

**Nett Fees Payable**  
incl. 9% GST

Singapore Citizens  
**40 years old and above**

**S\$1,700.00**

**90%** SkillsFuture Funding

**S\$215.90**

Singaporean Citizens,  
PRs or LTVP+ Holders  
**21 years old and above**

**70%** SkillsFuture Funding

**S\$555.90**



### 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\$1,700.00**

**90%** SkillsFuture Funding

**S\$215.90**

**Non-SME**  
Singaporean Citizens,  
PRs or LTVP+ Holders  
≥ 21 years old

**70%** SkillsFuture Funding

**S\$555.90**

**Non-SME**  
Singaporean Citizens  
≥ 40 years old

**90%** SkillsFuture Funding

**S\$215.90**



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