

Microsoft Azure Workshop (30 Point)

1. Create VN (3 Point)

Setting	Value
Name	vnet1
Address space	10.1.0.0/16
Resource group	vnet1-rg1
Location	East US
Subnet - Name	subnet1
Subnet Address range	10.1.0.0/24

2. Create a VM using Azure Portal support all inbound ports (7 Point)

- 1 vCPUs
- Memory 1 GiB
- 2 Data Disk
- Support 320 Max IOPS

Setting	Value
Resource Group	vnet1-rg1
Name	myVM
Region	East US
Image	Windows Server 2016 Datacenter
Username	azureuser
Password	azureuser@123
OS Disk Type	Premium SSD
Virtual network	vnet1
Subnet	subnet1 (10.1.0.0/24)
NIC network security group	Basic
Boot diagnostics	On

3. Deploy Azure ACI support Linux OS (3 Point)

- ACI have 2 CPU cores
- Memory 3.0 GiB

Setting	Value
Name	myaci
Image type	Public
Image	microsoft/aci-helloworld
Resource group	myResourceGroup
Location	West US
DNS name label	myaci

4. Create Storage Account (7 Point)

- Create Account Storage

Setting	Value
Resource group	strac-rg1
Name	strac11
Location	West US
Performance	Standard
Account kind	StorageV2 (general purpose v2)
Replication	LRS
Access tier (default)	Hot

- Configure the container for blob as below and select OK when complete to create the blob container.

Setting	Value
Name	blob1
Public access level	Private (no anonymous access)

- Create text file (You name and ID) Upload to Blob Storage and Download

5. Create a SQL database and create AdventureWorksLT Sample Source
(10 Point)

- Data max size Basic 2 GB

Setting	Value
Database name	db1
Resource group	sqlldb1-rg1
Server name	dbsrvkmutt11
Server admin login	azureuser
Password	admin@123
Location	East US

- Query Data

```
SELECT TOP 20 pc.Name as CategoryName, p.name as ProductName
FROM SalesLT.ProductCategory pc
JOIN SalesLT.Product p
ON pc.productcategoryid = p.productcategoryid;
```

- Create Table (KMUTTCUS)

```
ID INT NOT NULL,
NAME VARCHAR (20) NOT NULL,
AGE INT NOT NULL,
ADDRESS CHAR (25) ,
SALARY DECIMAL (18, 2),
PRIMARY KEY (ID)
```