**BAIT3273 Tutorial 5**

**Core Cloud Services - Manage services with the Azure portal**

• Azure Portal

• Power Shell, Azure CLI

• Azure Marketplace

**Instructions**

• Please use this document to answer all the questions in this tutorial.

• Rename the file with your student code and tutorial group number. For example, 1909846-BAIT3273-S1-2020-Tut1-RDSG01 with RDSG01 as your respective programme and group number. Besides, replace *XXXXXXXX* at the header with your student code.

• Every student must submit this doc individually at the end of the tutorial to google classroom.

**Task 1: Azure Portal**

Azure is a cloud platform that provides the compute, storage, and networking resources needed to build cloud-hosted applications. As a new user, the Azure portal is likely to be the primary way you will interact with Azure. The Azure portal lets you create and manage all your Azure resources. For example, you can set up a new database, increase the compute power of your virtual machines, and monitor your monthly costs.

You can configure and manage Azure using a broad range of tools and platforms. There are tools available for the command line, language-specific Software Development Kits (SDKs), developer tools, tools for migration, and many others.

Tools that are commonly used for day-to-day management and interaction include:

**Azure portal**

**Azure PowerShell and Azure Command-Line Interface (CLI)**

**Azure Cloud Shell**

**Azure mobile app**

1.a

• Explain the usage of above tools.

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| Answer: |

• Azure PowerShell provides the New-AzVM command that creates a virtual machine (VM) for you inside your Azure subscription. Given the resource group name is “lckResourceGroup”, the name of the VM is “myVM” and the image is “UbuntuLTS”. Write out the command to create this VM.

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| Answer: |

1.b

• Write out the command to create the above VM by using Azure CLI.

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| Answer: |

**Task 2: Azure Marketplace**

2.

• What is the Azure Marketplace?

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| Answer:  The Microsoft Azure Marketplace is an online store that offers applications and services either built on or designed to integrate with Microsoft's Azure public cloud. The products and services sold through the Microsoft Azure Marketplace come from either Microsoft directly or its technology partners. |