

CSC5090 S1 2022 Tech Artifact 1 –

How to Create a local user account on Windows OS

Weighting 20%

Due Date: 30 March, 2022

Description

As a SA, you often install the Windows Operating Systems (Windows XP/7/8.1/10) and Software on computers for staff.

Objective

The objective of this tech artifact is to understand an important object on the Windows Operating Systems. This assignment aligns with CLO (Course Learning Outcomes) 1 and 2. This assignment focuses on

- Understanding of the user account and its permission;
- Documentation skills – writing the HOWTO document.

Marks

There are three tasks in Tech Artifact 1, in total there are 10 marks allocated.

Preparatory Tasks

An Internet connection and sufficient data storage available. A blank USB with at least 4 GB is required. The following systems are needed.

A Windows based or Linux computer with Intel or AMD architecture expected. It is recommended that RAM 16 GB (minimal) and 265 GB storage.

- Get to know/enable Hyper-V on your host machine (Hyper-V is built in Windows 10 Enterprise, Pro, or Education)
- Windows Operating System (Windows XP/7/8/8.1). It is downloadable from the Microsoft website at <https://windowstan.com/win/windows7-download/>
- The Rufus firmware, which allows burning an ISO image to a USB flash drive or CD/DVD disk. Surf on the Internet for the latest version of The Rufus.

Task 1 (3 Marks)

Topic: Installing Windows 8.1 over the Hyper-V Manager

You probably need to enable the Hyper-V manager on your Windows 10.

- Go to Microsoft's website and find and download the evaluation copy of Windows 8.1. (Download its ISO image).
- Burn the downloaded image to create a bootable CD/DVD disk or a bootable USB flash drive using the Rufus.
- Create a new Virtual machine and install Windows 8.1 on the VM.

Task 2 (4 Marks)

Topic: Creating a user account on the newly installed Windows 8.1

As an Administrator on the VM of Windows 8.1, you are going to share the VM with a family member called John.

- You will create a local account for John using either the *Apps* program within the *Control Panel* or the PowerShell command
- Let John log on, then run the software and change his password, desktop settings, etc,
- Let John to install 7-Zip on the VM.
- Let John to display the CSC5090 Webpage on your USQ StudyDesk via a Browser

Task 3 (3 Marks)

Topic: Testing and Verifying the user account

At the last but not the least, it is one important thing to do.

- demonstrate John can log on/off and create a Word (.doc or .docx) document.
- demonstrate it is possible to switch between the Administrator with John (standard account)
- demonstrate the user could not install software unless the user account is promoted to be an Administrator account.

Submission

Documentation in the format of HOWTO will be submitted to the marker to be assessed. The documentation must include

- **Title** -- How to Create a local user on the Windows Operating System?
- **Meta-data** -- The author's contact information, and the revision date or history.
- **Target audience** -- Who to read (Assume you are the SA)
- The submission for this assignment consists of a report, with **one section** for **each task**.
- Each section is a list of Instructions with items including actual commands and their output if there is.
 - A HOWTO is not just a dump of commands, though; you must explain the purpose of the commands and why they are required.
 - If any pictures, images, and screen captures are inserted in the documentation, each of them is accompanied by an explanation as to what it is about.

The final submission is via submission link for Assignment 1 on the CSC5090 StudyDesk.

End of Assignment 1