Day 2: Services, Cost, and Scripting

# Understanding how total cost ownership is used in it

Compare two printer (example) to find out the cost

I choose these 2 printer to compare

Inkjet printer and laser printer

A white printer with a cup on top

AI-generated content may be incorrect.

A white printer with a screen

AI-generated content may be incorrect.

Comparison for both printer base on printer price, cartridge price (black&colour), page use in 5 years, maintenance support and estimated total cost

A screen shot of a computer

AI-generated content may be incorrect.

# Cloud computing

Signed up for a free-tier AWS account and launched EC2 instance using Ubuntu Server 22.04. LTS AMI.

A computer screen shot of a computer screen

AI-generated content may be incorrect.

**A computer screen shot of a computer

AI-generated content may be incorrect.**

Generate SSH ket pair(.pem file) to securely access the VM.

A computer screen with a white box

AI-generated content may be incorrect.

Key pair naming

A screenshot of a computer

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Configure security group firewall to allow traffic on Port 22 (SSH)

A computer screen with a message

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Port 80(HTTP) for web server

A computer screen with a computer screen and a computer screen

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Select the firewall security group

A screenshot of a computer

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Successfully connected

A screenshot of a computer

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Check the instance for running

A screenshot of a computer

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Check for ssh client for cloud vm public ip address

A computer screen with a message

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Connect and can see the consoled in our webpage

A screenshot of a computer

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Using our vm to ssh to the cloud machine

A screenshot of a computer program

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Download the reading to my directory

A screenshot of a computer program

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Move into html directory

A screenshot of a computer program

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Insert to index.html

A black screen with many colorful text

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Refresh link and can see the click here link

A screenshot of a computer

AI-generated content may be incorrect.

After click direct to the pdf download earlier

A screenshot of a computer

AI-generated content may be incorrect.

# Bash Coding

Create folder name Labfiles using command mkdir

A screenshot of a computer program

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Create script to test

A computer screen with colorful text

AI-generated content may be incorrect.

Copy file and rename it then remove the file

A computer screen with text and numbers

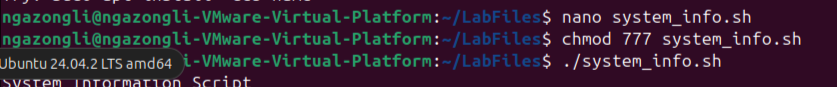
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Create another script file name hello\_world.sh

A screenshot of a computer screen

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Create another script file name system\_info.sh and give full access using chmod 777



System\_info.sh

A screenshot of a computer program

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Run the system\_info.sh file using ./

A computer screen shot of a program

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Create a resource\_monitor.sh script to monitor CPU, memory and disk usage detail

A screenshot of a computer program

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Output

A screenshot of a computer

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