Graphical user interface, application

Description automatically generated

Text

Description automatically generated with medium confidence

**OpenStack VM Testing Final Report**

**NCL Interns**

**Florentiana Yuwono and Thng Yu Xuan**

Text Box

**Introduction**

This is a final report on the OpenStack VM Testing project assigned to NCL Interns (Florentiana Yuwono and Thng Yu Xuan) over the course of Summer Internship 2022 (May – July). In this report, we will present our work, which comprises of several documents as listed below.

* Assignment Introduction
* Project Timeline
* NCL OpenStack [Beta] Windows VM User Manual
* NCL OpenStack [Beta] Linux VM User Manual
* OpenStack Image Testing Manual
* OpenStack Image Creation Manual
* NCL OpenStack [Beta] VM Image Documentation
* Problem and Solution
* Linux\_sys\_checker.sh
* Win\_sys\_checker.bat
* Final Report

**Documentation**

**Assignment Introduction**

We have made suggestions for the assignment introduction document, especially in the grammar and wording of the document. Below is the link to access and edit the document. Do note that the subsequent files are only accessible by NUS account.

[OpenStackVM\_Testing\_Intern.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EeW3oYOG7LxMts2U4t2yfPABExrzD6yxufZBu1FK3KdauA?e=rouuST)

**Project Timeline**

Due to the problem of unavailable access during the month of May – mid June, our progress was halted. Therefore, the timeline we provide might not reflect the ideal progress that should have been made toward this project. However, we do provide the ideal timeline that we think would be better for future assignees to follow. Below is the link to access and edit the document.

[TimeLine.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/Edcjej10o9NIugz_QbvPJb8BKVv42Wd1u1sDFq0i2nmuMg?e=61pxjp)

**NCL OpenStack [Beta] Windows VM User Manual**

We have made suggestions on the Windows VM User Manual to improve the readability of the document. Below is the link to access and edit the file.

[NCL\_OpenStack\_Beta\_WindowsVM\_User\_Manual\_Edit.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EZ_uOtAOWLdGhCZNGwCuJIIBofF8o-4WoL3pZg12hRoQhQ?e=yAdaCg)

**NCL OpenStack [Beta] Linux VM User Manual**

We have made suggestions on the Linux VM User Manual to improve the readability of the document. Below is the link to access and edit the file.

[NCL\_OpenStack\_Beta\_LinuxVM\_User\_Manual\_Edit.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EXYlWXiZF3FKslOqJtxXoeoBmP6yz2vSaSEqnoUQRb_ctQ?e=4KHRfa)

**OpenStack Image Testing Manual**

We have made a manual on how to test the VM Images for future reference. Below is the link to access and edit the file.

[OpenStack\_Image\_Testing\_Manual.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EWa6UyFEPaZNrnuYm9Er0yYB7myTUgEkUg12TtdlUWozHg?e=Ugvdkk)

**OpenStack Image Creation Manual**

We have made a manual on how to create the VM Images for future reference. Below is the link to access and edit the file.

[OpenStack\_Image\_Creation\_Manual.docx](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EYyoIZPRDrJIq4E0y7zZsPABIKb5tBl0Pelq4YDw_FE1Jw?e=Q7gss3)

**NCL OpenStack [Beta] VM Image Documentation**

We have made a documentation on the public VM images that we have tested. Below is the link to access and edit the file.

[OpenStack\_Images\_List 1.xlsx](https://nusu-my.sharepoint.com/:x:/g/personal/e0407046_u_nus_edu/EY54mNm4fmNDthu45DuqjwMBymBg4SmJkMXWCeaMqYZPOA?e=RDRHgQ)

**Problem and Solution**

We have made a documentation on the list of problems we have encountered during the testing project. Below is the link to access and edit the file.

[Problem\_and\_Sviolution](https://nusu-my.sharepoint.com/:w:/g/personal/e0851439_u_nus_edu/EUBu-kuW5o9DtotD3xPsqFkB1DdoKTqeUF3vNUI_0RLodQ?e=sXYtbR)

**Linux\_sys\_checker.sh**

**Win\_sys\_checker.bat**

**Final Report**

Apart from this document, we have made a short presentation about our testing project to share with NCL staff and interns.