Reflective Paper on Internship Experience

Bridgette Chapman

Reflection #3

6/23/2024

Reflective Paper on Internship Experience

Day 11: For the CSN project, I set up several syslog servers. This task involved using CL100 Ethernet cables, console cables, Ethernet dongles, and switches. This experience enhanced my understanding of network infrastructure and the importance of proper cabling and connectivity in setting up network systems.

Figure 1 An image of the syslog server setup with Ethernet cables and switches (Source: Shen, 2019)

Day 12: The following day was quite intensive as I performed multiple system restores and image captures. One significant task was to find an equivalent laptop to the Lenovo ThinkPad, as specified in an IT ticket. After thorough research and comparison, I recommended the Panasonic Tough Book for its reliability and business-friendly features, matching the key specifications of the Lenovo ThinkPad. This task improved my research skills and ability to match technical specifications accurately. *Suggested Image:*
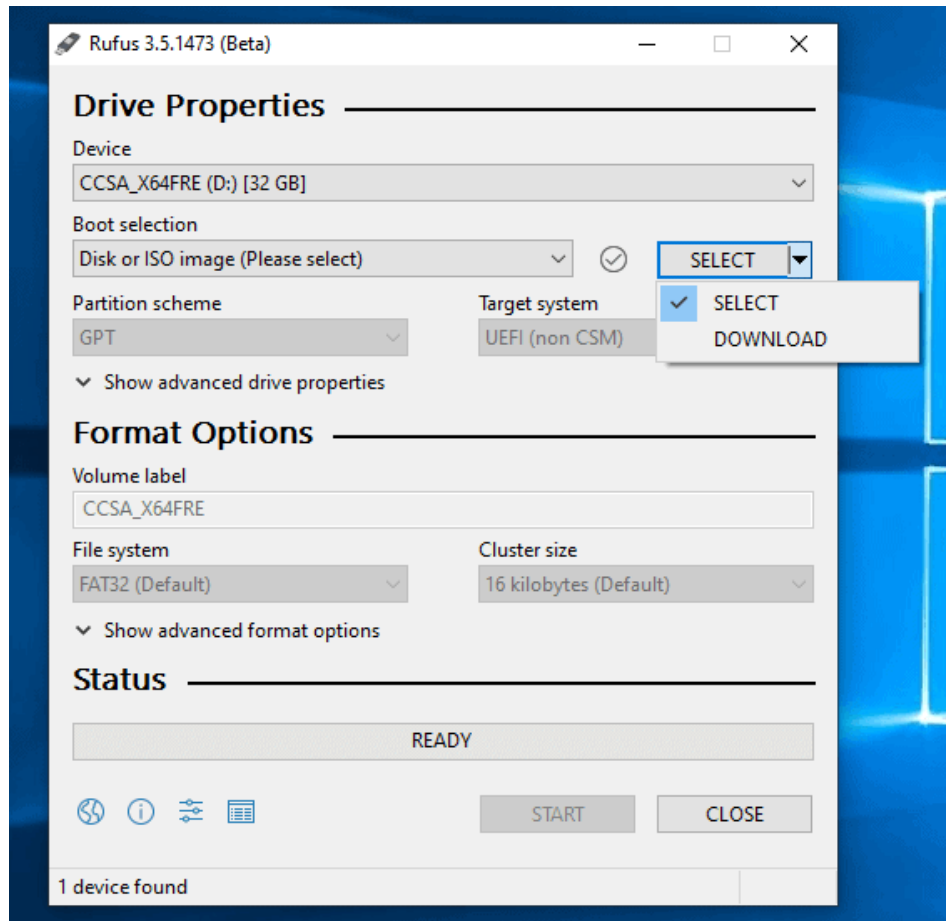
Figure 2: A comparison chart of the Lenovo ThinkPad and Panasonic Tough Book specifications.

Feature	ThinkPad	Think Book
Purpose	Professional work	Day-to-day users
Build Quality	Amazing features and sustainability	Good but not as durable as ThinkPad
Screen Size	11 inches to 15 inches	Smaller screens compared to ThinkPad
Portability	Not suitable for portability	The perfect option for portability
Processing Power	Great	Not as powerful as ThinkPad
Gaming Capability	Good for playing a variety of games	Limited gaming capabilities
Battery Life	9 to 12 hours	5 to 9 hours
Connectivity Options	HDMI port, USB port, micro-SD card reader, etc.	Fewer ports due to compact size
Price	Expensive for great performance	More affordable compared to ThinkPad
Appearance	Not fancy or particularly good-looking	Premium and appealing exterior

Day 13: It is a holiday; hence, it created a loophole for reflecting on the previous challenges as well as the preparation for the next trials.

On day 14, we set up and incorporated the new Windows Server Update Services (WSUS) on new computers. The process involved having an empty USB thumb drive, formatting the USB to NTFS, and window installation using Rufus as recommended by Abdulredah & Kadhim (2020). This task was important in identifying the distribution and management of updates and configurations of systems that are key in the consolidation and interaction of IT infrastructures.

Figure 3: Rufus software interface.

Day 15 also presented a challenge due to a system malfunction during data transmission. Despite my attempts to diagnose it, I failed to solve the issue before closing the day. However, I was able to corroborate the data output visually. More specifically, I was able to visually check the correctness of the data output. The day came to an end with a visit to more technologically developed manufacturing companies, which gave the students exposure to a broader view of the application of IT across more technological fields.

Notably, these days were pivotal in honing my skills and problem-solving prowess. Each task, whether setting up servers or troubleshooting and configuring WSUS, contributed to my development. The exposure to tech environments and tools during the tour also broadened my

field knowledge. This internship stint has been a learning journey that has prepared me for

challenges in my IT career.

References

Abdulredah, S. H., & Kadhim, D. J. (2020). New approaches of cloud services access using

    tonido cloud server for real-time applications. *Journal of Engineering*, *26*(8), 83-99.

    https://www.iasj.net/iasj/download/fe0868a1d0cc9352

Shen, L. S. (2019). Power over ethernet (poe) technical overview. *Center for Energy and*

    Environment, *1*. https://www.researchgate.net/profile/Lester-

    Shen/publication/339055006_Power_Over_Ethernet_PoE_Technical_Overview/links/5e3

    b250da6fdccd9658a7c4d/Power-Over-Ethernet-PoE-Technical-Overview.pdf