

Moise Polycarpe (VC1C)

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Microsoft Intune Autopilot Deployment & implementation

**Time logs 10/7/2024 to 10/13/2024**

16.5 hours accumulated in this period

Date	Duration	Type	Description of completed work	Challenges and/or Next steps
10/7/24	0.5 hour	Professor's feedback	The writer reviewed the feedback from the project proposal and will try to adjust according to the professor's feedback.	
10/8/24	2 hours	Material reading	<ul style="list-style-type: none"><li>• Update rings for Windows 10 and later policy in Intune</li><li>• Feature updates for Windows 10 and later policy in Intune</li><li>• Limitations for Feature updates for Windows 10 and later policy</li><li>• Create and assign Feature updates for Windows 10 and later policy</li><li>• Manage your Windows Update rings (Manage Feature updates for Windows 10 and later policy)</li></ul>	
10/9/24	1.5 hours	Live Presentation preparation research.	The writer reviewed and prepared some of the questions such as the following for the live presentation. <ul style="list-style-type: none"><li>• Diagrams such as your system's data flow, programming logic flow, user interfaces, etc.</li><li>• Project Management Board</li><li>• Version Control Repository</li><li>• Diagrams, including any changes made since initial draft</li><li>• Prototype showing initial implementation of your design ideas</li><li>• Updates to either your Project Management Board or VCS repository since the beginning of the semester.</li></ul>	
10/9/24	1.5hours	Implementation of above readings	<ul style="list-style-type: none"><li>• Create and assign Feature updates for Windows 10 and later policy</li><li>• Manage Feature updates for Windows 10 and later policy</li><li>• Create two additional groups for each Windows called.<ol style="list-style-type: none"><li>1. Windows 10 Features updates</li><li>2. Windows Upgrade 11</li></ol></li></ul> Also created two security groups for Windows 10 Features updates and Windows Upgrade 11	
10/10/24	1.5 hours	Research	Watched several YouTube videos to learn How to Create Free Virtual Machine on Hyper-V with Free Windows 11.	<b>Challenges:</b> The steps to were durable and understandable until the Download Windows 11

				Disk Image (ISO) for x64 devices. It turned out his feature is not available for downloading yet on the Microsoft website.
10/13/24	0.5 hours	Draft an e-mail to the professors	<p>Dear Professors Chuang &amp; AJ,</p> <p>I am writing to seek clarification regarding the upcoming live presentation. My name is Moise Polycarpe, and my Zoom meeting is scheduled for October 21st at 8:10 AM.</p> <p>Am I expected to record a 10-minute video explaining the points listed below, or will you be simply asking me questions during the presentation?</p> <p>“During the middle of the semester, you will be responsible for explaining your design documents and demonstrating your work in progress in real time over Zoom.</p> <p>Your presentation time slot will be 10 minutes long, during which you will present your demo and have a Q&amp;A. Items to show during your presentation can include:</p> <ul style="list-style-type: none"> <li>• <b>Diagrams such as your system’s data flow, programming logic flow, user interfaces, etc.</b></li> <li>• <b>Project Management Board</b></li> <li>• <b>Version Control Repository</b></li> <li>• <b>Diagrams, including any changes made since the initial draft</b></li> <li>• <b>Prototype showing the initial implementation of your design ideas</b></li> <li>• <b>Updates to either your Project Management Board or VCS repository since the beginning of the semester.”</b></li> </ul> <p>Additionally, I noticed the reminder announcement and wanted to confirm whether I have missed submitting any required deliverables.</p>	
10/13/24	0.5hours	Research	Watch a YouTube video about Windows Autopilot Fundamentals in Intune.	Next: Build a virtual machine using Windows 10.
10/13/24	3hours	Research	<p>Watched a YouTube video to learn How to Create Free Virtual Machine on Hyper-V using Windows 10 since windows 11 was not successful in the previous attempts.</p> <p>Create a virtual machine</p> <ul style="list-style-type: none"> <li>• Specify Name and Location</li> <li>• Specify Generation</li> <li>• Assign Memory</li> <li>• Configure Networking</li> <li>• Connect Virtual Hard Disk</li> <li>• Installation Options</li> </ul> <p>Create Windows 10 installation Media</p> <p>Installing Windows 10 on virtual machine</p>	

10/13/24	1.5hours	Update Board management & GitHub repository	All completed tasks for this period have been updated and documented on all platforms.	
10/13/24	2hours	Time logs & Reflection	Write out reflections on the time spent on the project so far and prepare time log for submission.	
10/13/24	1.5hours	Meeting with supervisor	This meeting was held due to many challenges during implementation of the reading and while also creating a virtual machine using installing windows 11 occurred during this period.	<b>Next:</b> <ul style="list-style-type: none"> <li>• How to Generate Hardware Hash /import Windows 10 Intune Autopilot device?</li> <li>• 10/21 - Live Presentation</li> <li>• 10/28 - Deliverable: Presentation Slides (1st Draft)</li> </ul>

## Reflection

### What were your main goals in this period?

The primary goals during this period centered on progressing the implementation and deployment of key components, specifically setting up Windows Update policies and creating feature update rings within Microsoft Intune. This was a crucial step in ensuring that devices are regularly and efficiently updated according to organizational needs. Another significant goal was preparing thoroughly for the upcoming live presentation. This included reviewing and refining materials such as diagrams for data flow, programming logic, and system interfaces, along with making sure the project management board and version control repository were up-to-date. Additionally, I focused on setting up virtual machines on Hyper-V, which was essential for testing various configurations. Finally, updating the project management board and the GitHub repository with completed tasks ensured that everything was well-documented and ready for review. A key part of this phase was responding to feedback from my professors, seeking clarification on certain aspects of the presentation, and ensuring that I addressed all concerns thoroughly to avoid future delays.

### What were the main challenges during this phase? Were you able to meet the challenge, if so, what helped? If not, what could help?

The most significant challenges encountered were technical in nature, primarily related to setting up a Windows 11 virtual machine. The Windows 11 ISO download, which is required for the installation, was unavailable, posing a major obstacle in the virtual machine creation process. To overcome this, I shifted my focus to setting up a Windows 10 virtual machine instead, which allowed me to continue with the testing and development processes. This workaround enabled me to make progress, although it was not the ideal solution I initially intended. Another challenge was configuring the Windows Update rings, which required in-depth research and precise adjustments to ensure smooth deployment and update management.

Addressing these challenges required a combination of research, watching tutorial videos, and tapping into available online resources. Regular meetings with my supervisor also played a key role, as they provided guidance and helped clarify some of the technical difficulties.

Additionally, I reached out to my professors to ask for further clarification on expectations for the live presentation, which helped alleviate uncertainties. Though I was able to overcome most challenges during this period, future obstacles could be minimized by allocating more time to troubleshooting potential issues before they arise and ensuring that I stay updated on software releases and available resources. This would allow for smoother transitions during critical phases of implementation and development.