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Microsoft Intune Autopilot Deployment & implementation

Time logs 9/23/2024 to 9/30/2024

17.25 hours accumulated in this period

Date	Duration	Type	Description of completed work	Challenges and/or Next steps
9/23/24	1hours	Tentative schedule/ Project preparation	Ensure Licensing: Verify I have the appropriate Microsoft 365 or Enterprise Mobility + Security (EMS) licenses that include Intune. • Set Up Intune: Make sure Microsoft Intune is set up and configured in your Microsoft Endpoint Manager admin center. • Collect Device Information: Gather information about the devices you plan to enroll, such as hardware IDs.	
9/23/24	4hours	Reading	Tutorial: Set up and configure a cloud-native Windows endpoint with Microsoft Intune. Phase 1 – Set up the environment • Step 1 - Network requirements • Step 2 - Enrollment and Licensing • Step 3 - Import your test device • Step 4 - Create Microsoft Entra dynamic group for the device • Step 5 - Configure the Enrollment Status Page • Step 6 - Create and assign the Windows Autopilot profile Step 7 - Sync Windows Autopilot devices • Step 8 - Configure settings for an optimal Microsoft 365 experience • Step 9 - Create and assign some applications.	**Challenge:** The main challenge faced was that the reading material was quite dense and required a significant amount of time to fully grasp. However, as I worked through the steps, gaining a deeper understanding of the concepts and how they are applied in practice, the process became enjoyable. Breaking down complex information and gradually applying it to real-world scenarios provided a rewarding experience, making the effort worthwhile. It was fulfilling to see how theoretical knowledge could be translated into practical solutions.
9/24/24	2hours	Implementation of the above reading	• Created Microsoft Entra dynamic group for the device • Configure the Enrollment Status Page • Create and assign the Windows Autopilot profile	
9/26/24	2hours	Continue Implementation of the reading	• Configure settings for an optimal Microsoft 365 experience (Microsoft Outlook, Microsoft Edge, Microsoft OneDrive) • Create and assign some applications. For instance, I deployed some apps such as DC Browser, Microsoft 365 Apps for windows 10 and later, and Mozilla Firefox.	**Next:** 1st Demo Recording preparation

Date	Time	Task	Description	Challenges
9/27/24	1hour	1st Demo Recording questions preparation	Prepare a 2–5-minute video recording. Suggestions on items to describe in your demo: - Design documents: Design documents may include preparing sketches diagramming data flow, programming logic flow, user interfaces, etc. - Project Management Board - how is it set up? - Version Control Repository - how often do you commit? do you have any organization schemes for your repository? - Overview of design documents, including changes since initial draft - Prototype showing initial implementation of your design ideas - Updates to your Project Management Board since the beginning of the semester - Updates to your Version Control Repository since the beginning of the semester	**Challenge:** The primary challenge I faced while preparing for the first demo recording was uncertainty about which software would best meet the requirements for uploading the demo. I needed to ensure that the chosen software would be compatible with the platform and easy to use. Additionally, I was concerned about preventing potential errors, such as broken links leading to 404 or 403 error codes. This meant verifying the link's accessibility and reliability before final submission to avoid any issues during the presentation or review process.
9/28/24	2 hours	Meeting with the supervisor	The meeting recap with my supervisor primarily focused on discussing the reading materials and the progress I made implementing the necessary features within the Microsoft Intune admin center. We reviewed the key concepts I had covered, including how they translated into practical configurations and deployments in Intune. The conversation also highlighted areas where additional attention might be needed for smoother deployments, as well as strategies for optimizing the existing setups. Overall, the meeting provided valuable feedback on both the theoretical and practical aspects of the project.	
9/29/24	0.75hours	Record the 1sr demo	This first demo recording displays the progress made in the Microsoft Intune Autopilot Deployment and Implementation project. It also highlights the project management board, which monitors all past, ongoing, and upcoming tasks. Additionally, the recording reviews the GitHub repository containing all relevant documents.	**Challenges:** One of the challenges I encountered was learning how to record and download video or audio clips using Microsoft Teams. For this first demo recording, I utilized Microsoft Teams' recording feature. Before the final recording, I practiced answering some of the assigned questions, which primarily focused on the project management board, the GitHub repository, and the platform used for my project—Microsoft Intune Admin Center. Additionally, I rehearsed my responses to ensure that I could stay within the 5-minute time limit.

9/29/24	1.5hour	Reflection Docu-mentations	As I reflect on the time spent on the project so far, it's clear that significant progress has been made. From setting up foundational components like Microsoft Intune Autopilot deployment to understanding how to configure cloud-native environments, each task has been critical to the overall success of the project. Alongside technical implementations, keeping an accurate time log has proven essential in tracking every stage of progress. Preparing the time logs for submission will include detailed documentation of each task, helping to assess productivity and streamline future steps. In these logs, I will record the duration and nature of each task, including any challenges encountered and the solutions applied. This time log not only demonstrates my commitment to the project but also helps in identifying areas where improvements can be made.	
9/29/24	2hours	Time logs Docu-mentations	The time logs from *September 23rd to September 30th, 2024*, provide a comprehensive reflection of all the tasks and activities completed during this period. These logs document the key milestones achieved, such as implementing features in Microsoft Intune, configuring settings, addressing deployment challenges, and updating project-related documents. Each entry details the specific work done on a given day, helping track progress while ensuring that the project remains aligned with the planned schedule. Additionally, these logs offer insights into the time spent on each task, which can inform future planning and optimizations.	
9/30/24	1hour	1st Demo Recording and Time logs Due	Before submitting the project, I thoroughly reviewed all key elements, including time logs, reflections, demo recordings, and GitHub documentation. This review process ensured that all activities and progress were accurately documented and organized. Additionally, I cross-checked the tasks on the project management board to confirm that each task was properly tracked, updated, and completed. Ensuring everything was aligned helped streamline the final submission process.	**Next steps** • Continue readings • Implementations • Deployments • CISC 4900 Live Presentation

Reflection

What were your main goals in this period?
During this period, my primary focus was the successful deployment and setup of Microsoft Intune Autopilot. This required ensuring that appropriate Microsoft 365 or EMS licenses were verified and fully operational. Configuring Intune within the Microsoft Endpoint Manager was also a critical part of the process, involving the collection of device information and setting up necessary profiles for deployment. These preliminary steps were essential to lay the foundation for the actual deployment phase of the project.

In addition to these technical implementations, I dedicated significant time to understanding cloud-native Windows endpoint configurations. This was a critical knowledge-building exercise, and completing this reading helped advance the project by providing context and technical insights essential for successful deployment.

Apart from the technical elements, I also focused on administrative tasks such as keeping my project management board updated, tracking my progress in the "To Do," "Doing," and "Done" sections, and preparing the first demo recording. Documenting time logs for all the activities performed during this period and reflecting on my learning process were equally important tasks that ensured the overall structure of the project remained organized.

What were the main challenges during this phase? Were you able to meet the challenge, if so, what helped? It not, what could help?
The primary challenge I faced during this period was the sheer volume of reading material. The content was dense and required careful attention to detail, making it a time-consuming process. However, I tackled this issue by breaking the readings into smaller, manageable sections, allowing me to better understand the complex concepts in incremental steps. This approach transformed the reading from a burden into an engaging learning experience as I could immediately apply the knowledge to practical tasks.

Another key challenge was in preparing the first demo. I was uncertain about which software would best meet the requirements for recording and uploading the demo to ensure smooth viewing and prevent issues like 404 or 403 error codes. To overcome this, I researched and tested several options to confirm that the software I selected would produce a link that worked seamlessly, eliminating any potential technical glitches during the review process.

As I navigated through these challenges, I realized that they were instrumental in preparing me for the next steps. The combination of theoretical learning and practical implementation helped solidify the foundation of my project. Furthermore, the ongoing process of documentation, reflection, and organizing my tasks on the project management board has proven to be highly effective for tracking progress and keeping the project aligned with my initial goals.

Moving forward, the focus will shift toward further configuring applications within Microsoft 365, preparing for additional testing, and recording the second demo. The administrative tasks will continue, with regular updates to the project management board, version control repository, and documentation to ensure that all aspects of the project remain synchronized. This ongoing process of reflection, planning, and implementation will streamline the final phases of the deployment and ensure that the project stays on track for successful completion.