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Microsoft Intune Autopilot Deployment & implementation

Time logs 10/21/2024 to 10/27/2024
15.5 hours accumulated in this period

Date	Duration	Type	Description of completed work	Challenges and/or Next steps
10/21/24	4 hours	Research & Documentations	• Read the General expectation of slides presentation (1st draft). • Fill out Part I of Interim Supervisor Evaluation form and email to the supervisor. • Commit time logs of period 10/14/24 to 10/20/24 to GitHub repository. • Presented live presentation with Professor Katherine Chaung. • Bean deliverable: presentation slides • Draft an email to the professor requesting clarification about the interim evaluation form.	Block out dedicated project time in my calendar for live presentation with Professor Katherine.
10/22/24	1.5 hour	Project deliverable slides	Continue to work on the slides (Adding explanation screenshots/diagrams) for better visualization.	
10/23/24	2.5 hours	Research reading	Read "Prepare Win32 app content for upload" • This reading summarizes the key points. knowing the prerequisites such as to use Win32 app management, be sure you meet the following criteria: • Use Windows 10 version 1607 or later (Enterprise, Pro, and Education versions). • Devices must be registered or joined to Microsoft Entra ID and auto enrolled. The Intune management extension supports devices that are Microsoft Entra registered, Microsoft Entra joined, hybrid domain joined, and group policy enrolled. • Convert the Win32 app content • Process flow to create a. intunewin file • Running the Microsoft Win32 content Prep Tool. Before you install and use the Microsoft Win32 Content Prep Tool, you must: • Review the Microsoft License Terms for Microsoft Win32 Content Prep Tool. • Review the Privacy and personal data in Intune for information on the privacy	

			policy of the Microsoft Win32 Content Prep Tool.	
10/24/24	1.25hour	Virtual Machine troubleshooting	Setting up a virtual machine and installing Windows 11 didn't proceed as expected, and the issues encountered will need to be resolved through troubleshooting.	**Challenges:** Virtual Machine Boot Summary 1. Network Adapter (00155D38010C) A boot image was not found. 2. SCSI Disk (0,0) The boot loader did not load an operating system. 3. SCSI DVD (0,1) The boot loader failed. No operating system was loaded. Your virtual machine may be configured incorrectly. Exit and re-configure your VM or click restart to retry the current boot sequence again.
10/25/24	2hours	Research reading	Add an Enterprise App Catalog app to Microsoft Intune. To complete this task, it requires dedicated amount of time to reach and understand the reading and it's done in numerous steps. 1. Step 1: App information 2. Step 2: Program 3. Step 3: Requirements 4. Step 4: Detection rules 5. Step 5: Select scope tags (optional) 6. Step 6: Assignments 7. Step 7: Review and create	
10/25/24	0.75hours	Project deliverable slides & To-date logs	Complete the presentation slides along with the necessary explanations and finalize the up-to-date documentation.	
10/26/24	1.5 hour	Update management board	All past, current, and future tasks have been updated in their respective sections. This process helps me manage my time efficiently.	
10/27/24	1.5hours	Documentation of time logs and reflection	Write out reflections on the time spent on the project so far, and prepare time log for submission	
10/27/24	0.5hours	Commit to GitHub repository	• Active users • Microsoft Entra ID • OS requirements • Windows overview • Device overview • Windows enrollment • Microsoft Intune • High Level Architecture • Time logs with reflection for period of 10/21 to 10/27/2024 • To-date document • 10/28 Deliverable Presentation Slides (1st Draft)	

Reflection

What were your main goals in this period?

During this period, my main goals included preparing and delivering a live presentation with Professor Katherine Chaung, alongside developing project deliverable slides enhanced with screenshots and diagrams for better clarity. I also focused on conducting in-depth research on essential topics, such as preparing Win32 app content, meeting its prerequisites, and learning the process of adding apps to the Enterprise App Catalog in Microsoft Intune. Additionally, I aimed to set up a virtual machine with Windows 11 for project testing, though troubleshooting issues arose during the process. To stay organized, I documented time logs, managed the project board, and reflected on my progress to ensure everything stayed on track with the project plan. This phase was vital in laying the groundwork for key deliverables and refining the deployment steps needed for a successful project outcome.

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 main challenges during this period included virtual machine setup issues, understanding complex research topics, and balancing multiple tasks effectively. Booting the virtual machine proved problematic, with errors like missing boot images and failed OS loads. Although I attempted to troubleshoot by reconfiguring the settings, further assistance through documentation, forums, or peers might be needed for quicker resolution in future attempts. Some research tasks, such as preparing Win32 app content and configuring the Enterprise App Catalog, were intricate and time-consuming. Breaking them down into smaller, manageable steps proved helpful in ensuring smooth progress. Additionally, time management was a challenge, as balancing the preparation of presentations, documentation, and project work required careful planning. Blocking out dedicated time and using a project board allowed me to stay on track. Overall, these challenges were met with effective troubleshooting, task segmentation, and time management strategies. However, continued research and external guidance may further enhance my ability to resolve technical issues and maintain consistent progress moving forward.