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Microsoft Intune Autopilot Deployment & implementation

Time logs 11/24/2024 to 11/30/2024
15.11 hours accumulated in this period

Date	Duration	Type	Description of completed work	Challenges and/or Next steps
11/25/24	4.1 hours	Other Review calendar	1. Completed Survey: Self-Assessment • Information systems learning outcomes • Multimedia computing Learning outcomes 2. Troubleshooting BitLocker Encryption using Hyper-V manager, Software security, and Microsoft Admin Intune Center. 3. Review important dates of submission such as: • Final draft – 12/9 • Final demo – 12/9 • Student Exit Survey 12/10 • Final supervisor evaluation- 12/13	
11/26/24	2.22hours	Meeting with supervisor	• Discussed the project progress and reviewed key milestones. • Presented updates on troubleshooting steps for BitLocker encryption using Hyper-V Manager, Software Security, and Intune Center. • Highlighted plans for the final presentation, including showcasing Windows Autopilot reset processes, BitLocker encryption reporting, and Win32 App deployment steps. • Received feedback on deliverables, including time log format and presentation improvement areas.	• Address feedback on the draft presentation slides. • Ensure detailed documentation of processes for submission by 12/9. • Finalize deployment scripts and prepare for the final demo on 12/9. • Continue tracking remaining tasks in the project management board.
11/26/24	4.2 hours	Presentation slides prep subjects	• Windows Autopilot reset (retire, scan, full scan, BitLocker encryption, fresh start, etc.) • Win32 Apps deployment • Process to create /prepare Win32App • Process to add Win32App • List of All apps • Showcase of Company Brand Name • Devices action report • Groups overview • BitLocker encryption report	

			• Summary of Win32App • Windows Devices • Project Summary • Device compliance report • Device configuration report • Microsoft Defender Antivirus report • MDM Firewall status for Windows 10 & later	
11/28/24	1.75hours	Slides	Continuation project final presentation slides	

11/30/24	1.45hours	App deployment	The Win32 App Skype has been created, added, and deployed to Intune, and the devices.
			
			Command Prompt Commands
			    1. Navigate to the Directory:
			cd moise
			cd OneDrive
			cd Desktop
			cd cisc49
			cd SkypeApp
			    2. Run the Intune Win32 Content Prep Tool:
			IntuneWinAppUtil.exe
			    3. Source Folder
			C:\Users\moise\OneDrive\Desktop\cisc49\SkypeApp\Skype
			        o Setup File:
			Skype Installer.exe
			        o Output Folder
			C:\Users\moise\OneDrive\Desktop\cisc49\SkypeApp\IntuneAppOutput
			    4. Specify Catalog Folder:
			        o When prompted:
			Do you want to specify catalog folder (Y/N)? N
			
			Process Outcome:
			• The tool validates the input, compresses the source folder, calculates hashes, and generates the .intunewin package.
			• Output file:
			C:\Users\moise\OneDrive\Desktop\cisc49\SkypeApp\IntuneAppOutput\Ninite Skype Installer.intunewin
			• Confirmation:
			INFO Done!!!
			
			This script prepares the Skype Installer for deployment through Microsoft Intune by converting it into the required .intunewin format.	

11/30/24	1.39 hours		Reflect on the progress made on the project so far, document the time spent through detailed time logs, update the project management board with current statuses and tasks, push the latest changes to the GitHub repository, and organize the time log for submission.	

Reflection

What were your main goals in this time period?

The main goals during this period included reviewing submission deadlines and self-assessment outcomes, troubleshooting BitLocker encryption using Hyper-V Manager and Microsoft Intune, and preparing presentation slides for the final project. Additionally, the focus was on creating, adding, and deploying a Win32 app (Skype) to Intune, ensuring its proper configuration and deployment to devices. Writing reflections and maintaining an accurate time log were also prioritized for submission.

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

The primary challenges during this phase involved troubleshooting BitLocker encryption, ensuring proper execution of the Intune Win32 Content Prep Tool, and managing the detailed preparation of presentation slides. These tasks required a significant amount of attention to detail and troubleshooting, particularly for compatibility and deployment issues. Most challenges were successfully addressed by following systematic troubleshooting steps, using detailed commands, and leveraging support from supervisors during meetings. Better time management and earlier preparation could further enhance efficiency in handling such tasks in the future.