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Microsoft Intune Autopilot Deployment & implementation

Time logs 12/2/2024 to 12/8/2024

18.97 hours accumulated in this period

Date	Duration	Type	Description of completed work	Challenges and/or Next steps
12/2/24	6 hours	Other	- Complete and submit the Student Exit Survey, Update Board Management - Complete Partial Final Supervisor Evaluation form and submit to the supervisor for completion - Document and commit time logs of periods from 11/11/24 to 11/17/24, from 11/18/24 to 11/23/24, from 11/24/24 to 11/30/24 - Build the remaining 3 virtual machines which requires to - Specify name and location - specify generation - Assign memory - Configure networking - Connect virtual hard disk - Installation option - enroll 7 virtual machines directly upload the hardware hash to an MDM service. PowerShell command prompt, run the following PowerShell commands: [Net.ServicePointManager]::SecurityProtocol = [Net.SecurityProtocolType]::Tls12 Set-ExecutionPolicy -Scope Process -ExecutionPolicy RemoteSigned Install-Script -Name Get-WindowsAutopilotInfo -Force Get-WindowsAutopilotInfo -Online	
12/3/24	4 hours	Other	- Meeting with the supervisor - Create new users for new devices - Assign users to all devices - Enable all devices - Add license to all users	
12/5/24	1.42hours	Documentation	- Provision the devices to the environment - Enroll devices to Microsoft Intune with users - Review Submission History: 1209 Final Deliverable: Presentation Slides & Demo Recording (Final)	

Date	Time	Category	Tasks	
12/6/24	2 hours		Assign all devices (10) to the designated security groups. These groups are configured to automatically deploy apps and updates to the devices, eliminating the need for user intervention. • Autopilot Cloud-Native Windows Endpoints • Autopilot Default Deployment Profile • Intune-ZOOM-Available • Intune-ZoomRoom-Install • SG-Intuneinstall-7Zip • SG-IntuneInstall-AdobePS • SG-IntuneInstall-BoardPapers • SG-IntuneInstall-BobHR • SG-IntuneInstall-CompanyPortal • SG-IntuneInstall-M365Suite • SG-IntuneInstall-Netflix • SG-IntuneInstall-Notepad • SG-IntuneInstall-PdfTip Visio Addin • SG-IntuneInstall-Skype • SG-IntuneInstall-VLC	
12/7/24	3.20hour		• Meeting with the supervisor (Talk about suggestions) • Prepare final demo recording • Pick important sections from the project slides to discuss for the recording • Finalize the presentation slides • Customization of showcase of company branding name	
12/8/24	2.35hours	Documentation	• Write a project summary conclusion • Record Final Demo • Write individual time log and to-date time logs • Finalize Board Management updates • Finalize all documentations to GitHub repository	

Reflection

What were your main goals in this period?

During this period, administrative tasks were completed, including updating the board management and submitting necessary forms. Documentation of project progress and time logs was finalized, along with enrolling devices into the environment. Efforts were focused on preparing and recording the final demo, finalizing presentation slides, and ensuring all deliverables were ready for submission. Additionally, devices were provisioned, configured, and assigned to security groups and users to ensure a seamless deployment process.

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 main challenges during this phase included managing multiple tasks such as completing documentation, enrolling devices, and finalizing deliverables within tight deadlines. To address these challenges, structured task prioritization and strict adherence to the submission schedule were implemented, which helped in managing the workload efficiently. Another significant challenge was configuring virtual machines and enrolling devices using detailed PowerShell commands. This was successfully handled by leveraging prior experience with PowerShell scripts and referencing official documentation to troubleshoot and validate the process. Preparing the final demo recording while selecting key points for discussion also posed difficulties. Careful planning, rehearsing the presentation, and incorporating feedback from the supervisor ensured a well-structured and effective recording.

If these challenges had persisted, dedicating additional time to each phase, utilizing collaborative tools for real-time feedback, and breaking down complex technical processes into smaller, manageable steps could have provided further support and assistance.