



Module 2 Mastery Assessment

Equipment/Supplies Needed

- Computer with Internet Access
- Windows 10 Virtual Machine
- Windows Server 2019 Virtual Machine

Assignment

1. Create a small script to add users to your Hogwarts client with a description and a secure password for each. Your script should then display info about the users to verify these options. Add the following users:
 - a. Luna Lovegood, Group: Ravenclaw
 - b. Draco Malfoy, Group: Slytherin
 - c. Ginny Weasley, Group: Gryffindor
2. Create a small script to add users to your Hogwarts server with a secure password and change a logon disabled. Your script should then display info about the users to verify these options. Add the following users:
 - a. Bellatrix Lestrange, Villains, Disabled
 - b. Gellert Grindelwald, Villains, Disabled
 - c. Sybill Trelawney, Teachers, Enabled
3. Create a small script to harden a workstation that includes the following:
 - a. Removes Temporary files
 - b. Updates Windows Defender
 - c. Blocks all embedded files in Adobe Reader
 - d. Enforces NTLMv2 and refuse NTLM and LM authentication
 - e. Sets screensaver inactivity timeout to 10 minutes
 - f. Disables the advertising ID
 - g. Outputs sysinfo
 - h. Outputs Windows Version details
 - i. Checks for list of available logs, size, retention limit
4. Create a small script to harden a server that includes the following:
 - a. Removes Temporary files

- b. Updates Windows Defender
- c. Starts a Windows Defender Scan
- d. Adds AppLocker and blocks regedit
- e. Disables automatic Windows UpdatesEnable Windows Defender Firewall with PowerShell
- f. Enables Windows Defender Firewall with PowerShell
- g. Enables Windows Defender Antivirus
- h. Outputs sysinfo
- i. Denies RDP Connections
- j. Outputs Windows Version details
- k. Checks for list of available logs, size, retention limit

Submit all four of your scripts for grading. Scripts must run with no error messages to receive full credit. Scripts must include ample documentation.

Rubric

Checklist/Single Point Mastery

<u>Concerns</u> Working Towards Proficiency	<u>Criteria</u> Standards for This Competency	<u>Accomplished</u> Evidence of Mastering Competency
	Script to add users to client (25 points)	
	Script to add users to server (25 points)	
	Script to harden a workstation (25 points)	
	Script to harden a server (25 points)	