**CyberPatriot PowerShell Tips**

1. Make sure you’re on version 4.
	1. Check with Get-Host
	2. If needed, download Windows Management Framework 4.0 (<http://www.microsoft.com/en-us/download/details.aspx?id=40855>)
2. Use PowerShell instead of cmd
3. Basic commands
	1. Get-Command
	2. Alias
	3. Help (or Man)
		1. Help [*cmdlet*]
		2. There’s also Get-Help, Save-Help, Update-Help
	4. If things are running off of the screen, pipe to more 🡪 “ | more”
	5. Ctrl-C is the <break> command. You can also use ‘q’ when at “—More—“
	6. Cls 🡪 clear screen
	7. H 🡪 history
4. PowerShell ISE 🡪 Used to develop PS scripts
5. If scripts aren’t running, check / set your ExecutionPolicy
	1. Check: *Get-ExecutionPolicy –List*
	2. Set: S*et-ExecutionPolicy [RemoteSigned or Unrestricted]*
	3. See <https://technet.microsoft.com/library/hh847748.aspx>
6. HowToGeek PowerShell, <http://www.howtogeek.com/138801/geek-school-using-powershell-to-get-computer-information/>
	1. Google Search- <https://www.google.com/#q=powershell+site:howtogeek.com>
	2. [5 Cmdlets to Get You Started with PowerShell](http://www.howtogeek.com/114344/5-cmdlets-to-get-you-started-with-powershell/), <http://www.howtogeek.com/114344/5-cmdlets-to-get-you-started-with-powershell/>
7. To save the security policy using PowerShell:
	1. Export the policy you want using secedit. Type secedit /export /cfg file1.inf
	2. See C:\Windows\inf\defltbase.inf for comments explaining the default parameter values
	3. Create script.ps1 containing these lines:
		1. secedit /import /cfg file1.inf /db file2.sdb
		2. secedit /configure /db file2.sdb
		3. Remove-Item file2.sdb

See <http://powershell.com/cs/forums/p/7984/13011.aspx>