**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>