Techmentor conference

Session Title: Advance your career options with cross platform management and automation

Session Description: You already have the automation skills on Windows using PowerShell and DSC, but now you can step up your game and open a door to new career possibilities by managing Linux with PowerShell!  Let PowerShell MVP Jason Helmick show how to quickly setup your environment to manage and start automating Linux with PowerShell and Desired State Configuration (DSC).

Objectives/Outcomes: • Learn how to install and configure PowerShell on Linux

• Automate Linux management with PowerShell Remoting and DSC

• Get resources to help increase your knowledge of the Linux OS

Session Title: Secure your network with Just Enough Administration (JEA)

Session Description: Learning to secure a multi-server, multi-role environment from excessive administration, while maintaining the ability to properly manage these environments, is one of the most important security projects you can accomplish. Let Jason Helmick take you the creation and implementation of JEA endpoint for secured administration and help you reduce the number of admins with excessive privilege. You will also learn how to gradually and safely implement JEA based on best practices.

Objectives/Outcomes: • Learn how to create constrained endpoints for administration

• Perform rapid deployment strategies

• Learn best practices and common ‘Gotchas’

Session Title: PowerShell Desired State Configuration (DSC) for the IT Ops guy

Session Description: If you want to start moving your company forward, why not start with the configuration management side of DevOps. Learn PowerShell while at the same time learning PowerShell DSC and get control of your servers while preventing drift. Go through the process with PowerShell MVP Jason Helmick as he takes you through real-life deployment of a server, server roles and application. Learn what resources are available off-the-shelf and know when it's time to create your own custom resource.

Objectives/Outcomes: • Learn to deploy basic infrastructure configurations.

• Manage drift and updates with DSC

• Discover insights into creating custom DSC resources

W02 - Secure Your Network with Just Enough Administration (JEA) - Jason Helmick, Wednesday, August 9

W06 - PowerShell Desired State Configuration (DSC) for the IT Ops guy - Jason Helmick, Wednesday, August 9

TH02 - Advance Your Career Options with Cross Platform Management and Automation - Jason Helmick, Thursday, August 10