The PowerShell Paradigm

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A Brief History of PowerShell

NT 4
- Management Console
- Resource Kit Tools

Windows XP/2000
- VBScript
- Resource Kit Tools

2006
- PowerShell 1.0

2009
- PowerShell 2.0

2012
- PowerShell 3.0

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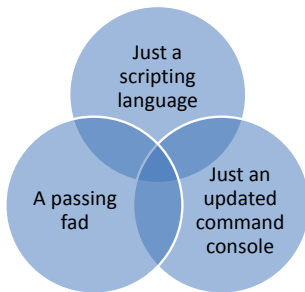

What is the PowerShell Paradigm?

- Enterprise efficiency and automation don't scale well with a GUI
- Command line tools and other scripting languages tend to be text-based
- PowerShell is an object centered *management engine* based on the .NET Framework
- Instead of parsing text or results, PowerShell works with objects in a pipeline

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The PowerShell Management Engine

- PowerShell is a management engine...that can be *hosted* in an application
- PowerShell.exe is an application that runs in the CMD window
- The PowerShell ISE is a graphical PowerShell application
- 3rd parties can host PowerShell
  -PowerGUI
  -SAPIEN Technologies PowerShell Studio
  -Idera PowerShell Plus

What PowerShell Is Not

Just a scripting language

A passing fad

Just an updated command console

PowerShell Demonstration

Is PowerShell for You?

Do you manage Windows based servers?

Do you manage Microsoft platforms like Exchange or SharePoint?

Do you need to have repeatable and consistent management tools?

Do you need to do more with less?

Do you want a long lasting IT career?

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" It isn't a matter of if you'll be using PowerShell, only a matter of when. "

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