



Reporting with PowerCLI

VMware vSphere Pro Series Instructor: Hal Rottenberg, vExpert



Reporting with PowerCLI

VMware vSphere Pro Series



Creating Great Reports

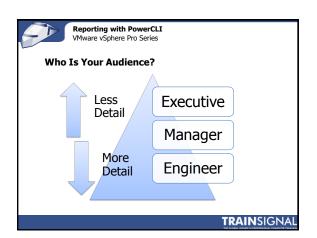
☐ How to Create Great Reports - A Brief Overview

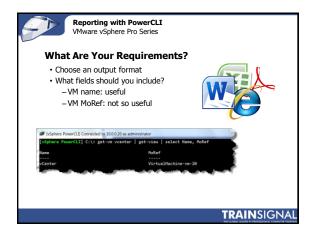
- · Who Is Your Audience?
- What Are Your Requirements?
 - Output Formats
 - Report Destinations
- Interpret the Data
- Automate! If You Repeat It, Script It!

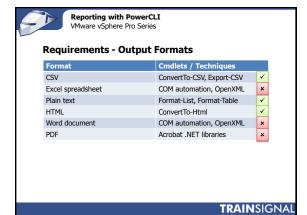
□When Is PowerCLI Useful for Reporting? □Using PowerCLI to Create Reports













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Requirements - Report Destinations

• You have the report -- now what?

Action	Cmdlets / Technique
Email	Send-MailMessage
File Server	Copy-Item
Web Server	Copy-Item (SMB), FTP, SSH

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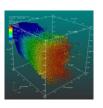
Reporting with PowerCLI

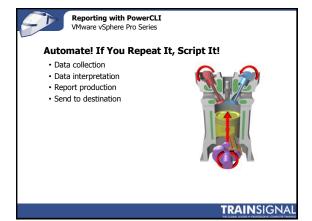
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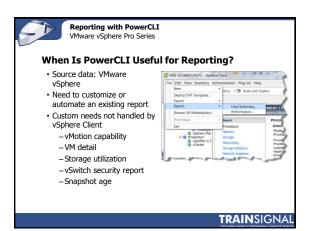
Interpret the Data

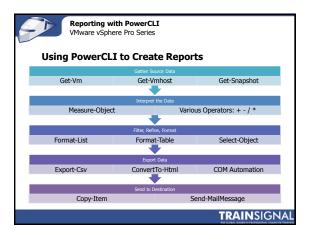
- Refrain from repeating data without adding value
- Add value by interpreting, filtering, or analyzing the data
- Combine data from multiple sources
- Enable the reader to draw conclusions from the data
- Easy wins:
 - -Add a percent column
 - Indicate threshold violations
- · Bonus points:
 - Four-dimensional scatter plot ☺

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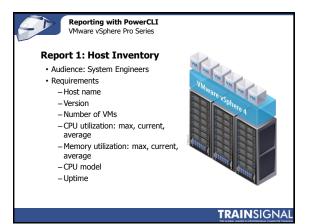






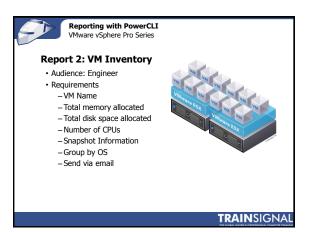


Actual Scripts!

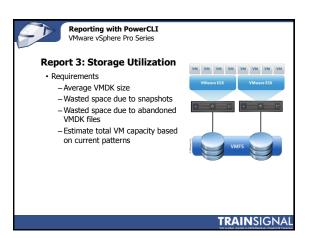




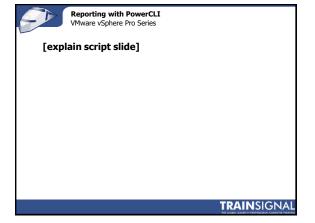














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What We Covered

Creating Great Reports

☐ How to Create Great Reports - A Brief Overview

- · Who Is Your Audience?
- · What Are Your Requirements?
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□When Is PowerCLI Useful for Reporting?

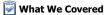
 $\hfill \square \mbox{Using PowerCLI}$ to Create Reports

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Actual Scripts!

□Report 1: Host Inventory □Report 2: VM Inventory

□Report 3: Storage Utilization

