



# Diagnostics with PowerCLI

VMware vSphere Pro Series Instructor: Hal Rottenberg, vExpert



#### Diagnostics with PowerCLI

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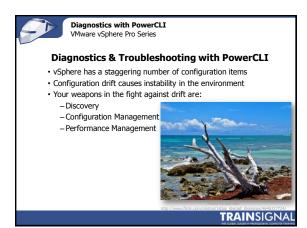
### In This Lesson:

□Diagnostics & Troubleshooting with PowerCLI □The Toolbox

- Discovery logs, tasks, events
- Configuration Management Get-cmdlets, authentication, host profiles

□Additional Resources

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#### The Toolbox

- Discovery
  - Logfiles
  - -Tasks
  - Events
  - Remote Syslog
- Configuration Management
  - -"Get-cmdlets"
  - Advanced Options
  - Privileges, Roles, and Permissions
  - Host Profiles
- Performance Management



Photo by Robert S. Donovan flickr.com/photos/booleansplit/2376359338/

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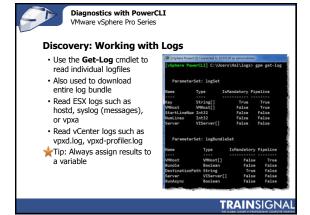
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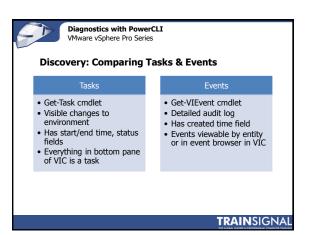
#### **Discovery: Working with Logs**

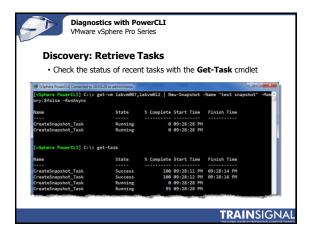
- $\bullet$  Use the  ${\bf Get\text{-}LogType}$  cmdlet to determine log names
- Log names are keys to the **Get-Log** cmdlet
- $\bullet$  Use VMHost parameter to query log names from an ESX server
- Use Server parameter to query log names from vCenter



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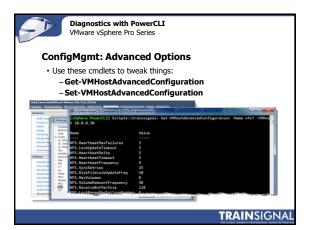


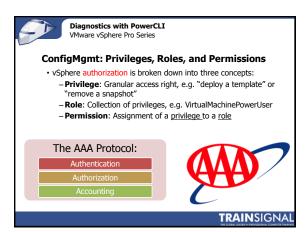


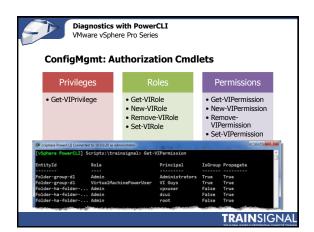














## **Additional Resources**

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#### **Need More Help?**

• Get-PowerCLICommunity Get-PowerCLIHelp

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#### Supporting Resources

- 1. VMworld 2009 TA3324 -Performance Troubleshooting in Virtual Infrastructure, by Ravi Soundararajan
- 2. VMworld 2009 VM2409 Virtual Center: Troubleshooting Unleashed, by Srinivas Bandi
- Whware KB: Troubleshooting migration compatibility error:
  Device is a connected device with a remote backing



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