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Brilliant IT Solutions

Manage your clouds with PowerShell

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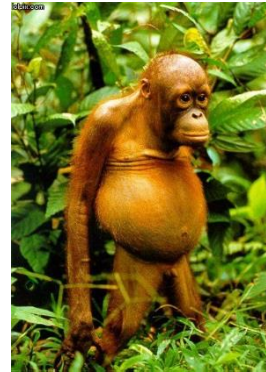
Agenda

- Intro
- PowerShell v3
- System Center VMM 2012 SP1
- System Center App Controller 2012 SP1
- Azure PowerShell modul
- Conclusion

Intro

ShowMonkey:

- Niklas Åkerlund (vNiklas)
 - Product Manager Private Cloud
 - vExpert 2012
 - MCT
 - Golf
 - Twitter : @vNiklas
 - Blog: <http://vniklas.djungeln.se>



PowerShell v3.0

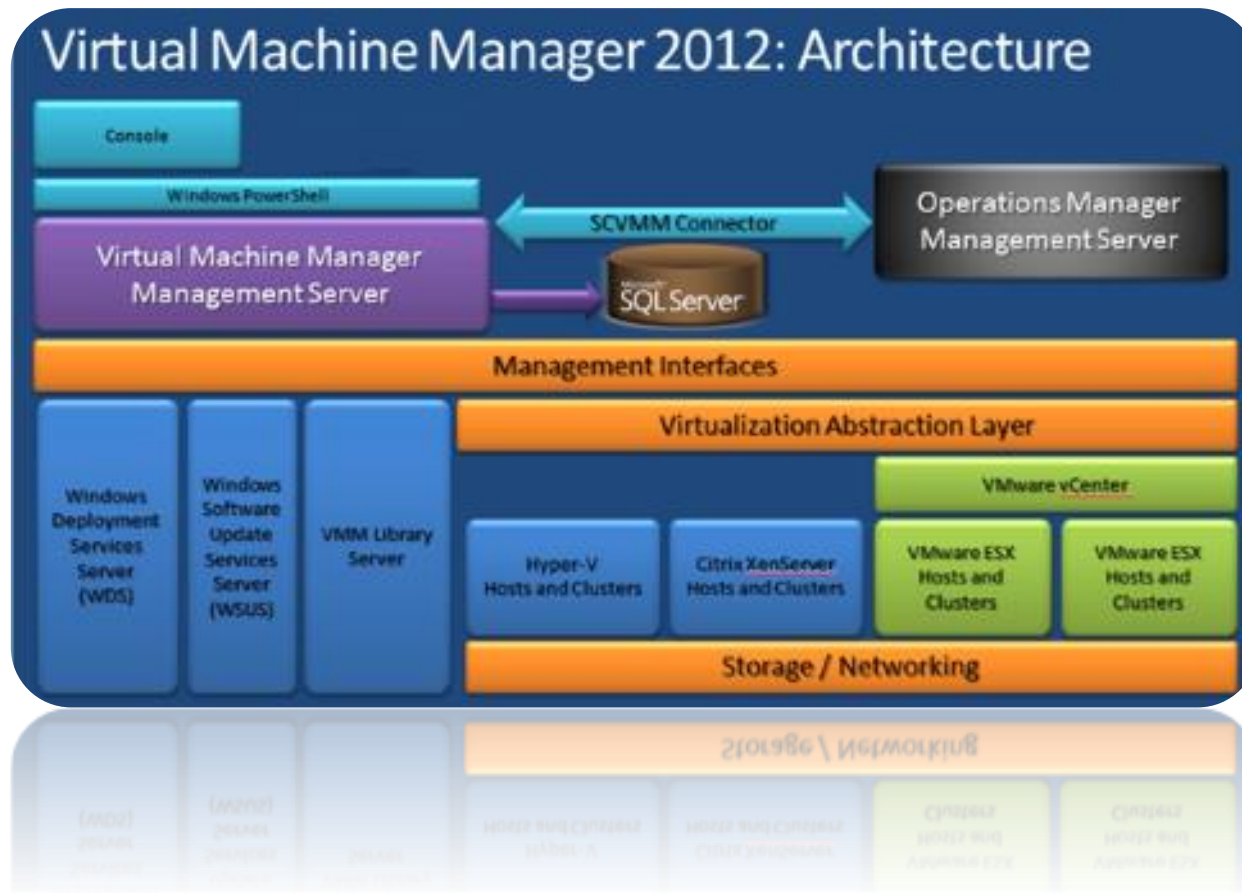
- New in PS 3.0
 - Scheduled Jobs
 - Workflows
 - Member Enumeration
 - Windows PowerShell Webaccess
 - WinPE
 - Updateable Help
 - Module Autoloading
 - Remoting with Disconnect

PS 3.0 ISE

- New in PS 3.0 ISE
 - Folding (funktioner och regioner)
 - Snippets
 - Pop-Up help
 - Parentheses matching
 - Intellisense
 - Commands window

Demo

SC VMM SP1 PS



SC VMM SP1 PS

- 529 cmdlets (438 in SC 2012)
- Support for the new features in SP1
 - Hyper-V 2012
 - Shared-Nothing Live Migration
 - SMB 3.0 Fileshare
 - Vhdx
 - Network virtualization

SC VMM SP1 PS

- Custom Properties
- Scheduled tasks med VMM
- PS Webaccess
- Move VM's at SAN-change
- ... there are almost unlimited possibilites

Demo

VMM 2012 SP1

SC App Controller SP1

- VMM Self-Service Portal is gone in SP1
- 31 cmdlets
 - No focus on automation for end users in App controller's powershell module
 - You can start and stop azure vm's
 - Upload VM's to Azure from your private cloud
 - Provision services published to App controller

SC App Controller SP1

- Clouds that can be connected
 - VMM
 - Azure
 - SFP - Portal

Demo

App Controller 2012 SP1

Azure

- 142 cmdlets (Uppdateras ganska ofta)
- Get-AzurePublishSettingsFile
- Import-AzurePublishSettingsFile
- Can also be done manually with certificates
- Add-AzureVHD
 - Upload a vhd in Azure
- Save-AzureVHD
 - Get a vhd from Azure to your local premise cloud
 - Downloads only the written data in the vhd file.

Demo

Azure cmdlets

Sammanfattning

- All clouds powershell modules are equally developed
- Most focus are on the Powershell modules of Azure and VMM