



PowerShell for the Exchange Admin

Agenda

- The best 3 cmdlets in PowerShell
- Formatting
 - \$FormatEnumerationLimit
 - “Filter Left, Format Right”
 - The string format operator
- Implicit Remoting
- Hashtables
 - Splatting
 - Calculated objects

The 3 cmdlets

- `Get-Command -Verb Test`
- `Get-Command -Noun Mailbox`
- `Get-Command New-Mailbox -Syntax`
- `Get-Help Get-MailboxStatistics -Parameters *`
- `Get-Help Get-MailboxStatistics -Examples`
- `Get-Mailbox -Identity Administrator | Get-Member`
- `Get-MailboxStatistics -Server EX1 | Get-Member`

Formatting

- \$FormatEnumerationLimit
- Filter Left, Format Right
- String Format

Implicit Remoting

- `$session = New-PSSession -ConfigurationName Microsoft.Exchange -
ConnectionUri http://myExchangeServer/powershell -Authentication
Kerberos`
- `Import-PSSession $session`
- `Get-ExchangeServer`

Hash tables

- “splatting”
- Calculated objects

Q & A



Resources

- Microsoft Virtual Academy:
 - [Getting Started with PowerShell 3.0 Jump Start](#)
 - [Advanced Tools & Scripting with PowerShell 3.0 Jump Start](#)
- OneScript:
 - <http://blogs.technet.com/b/onescript/rss.aspx>
 - <https://gallery.technet.microsoft.com/scriptcenter/site/requests>



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