

## **Exchange Management Shell Basics**

### **Hilf mir**

Get-help  
Get-help cmdlet

Get-command  
Get-command | more  
Get-command | FL (Formatted List)

Get- → Tab Taste druecken  
Get-mail → Tab Taste druecken

### **Allgemeine Befehle**

Get-ExchangeServer  
Get-MailboxDatabase  
Get-Mailbox  
Get-Mailbox -Identity Marc.Grote | fl  
Get-MailboxStatistics -Identity "Marc Grote"  
Test-ServiceHealth  
Test-Mailflow  
Test-MAPIConnectivity  
Test-OutlookWebServices

### **Pipelining**

Syntax Beispiel: Get-cmdlet parameter etc. | set-cmdlet parameter etc.  
Get-Mailbox -Server Server1 | Move-Mailbox -TargetDatabase Executives

### **Mailbox CMDLETS**

Get-AddressList  
Move-AddressList  
New-AddressList  
Remove-AddressList  
Set-AddressList  
Update-AddressList  
Get-GlobalAddressList  
Remove-GlobalAddressList

### **Beispiel Mailbox anlegen**

New-Mailbox -FirstName Marc -LastName Grote -Name "Marc Grote" -Database  
"Mailbox Database Name" -UserPrincipalName marc.grote@it-training-grote.de

## Recipient CMDLETS

Get-Contact  
Set-Contact  
Get-Group  
Set-Group  
Disable-MailContact  
Enable-MailContact  
Get-MailContact  
New-MailContact  
Remove-MailContact  
Set-MailContact

## Active Directory CMDLETS

Get-AdServerSettings  
Set-AdServerSettings  
Get-OrganizationConfig  
Set-OrganizationConfig  
Get-DomainController  
Get-OrganizationalUnit

## ECP

Get-ManagementRole  
Cool:  
<http://blog.geisbauer.de/2009/12/exchange-2010-teil-5.html>

Und weitere gefuehlte drei Millionen Befehle mit 27.000 Parametern pro CMDLET

## Beispiel:

```
Set-AddressList -Identity <AddressListIdParameter> [-ConditionalCompany  
<MultiValuedProperty>] [-ConditionalCustomAttribute1 <MultiValuedProperty>] [-  
ConditionalCustomAttribute10 <MultiValuedProperty>] [-  
ConditionalCustomAttribute11 <MultiValuedProperty>] [-  
ConditionalCustomAttribute12 <MultiValuedProperty>] [-  
ConditionalCustomAttribute13 <MultiValuedProperty>] [-  
ConditionalCustomAttribute14 <MultiValuedProperty>] [-  
ConditionalCustomAttribute15 <MultiValuedProperty>] [-ConditionalCustomAttribute2  
<MultiValuedProperty>] [-ConditionalCustomAttribute3 <MultiValuedProperty>] [-  
ConditionalCustomAttribute4 <MultiValuedProperty>] [-ConditionalCustomAttribute5  
<MultiValuedProperty>] [-ConditionalCustomAttribute6 <MultiValuedProperty>] [-  
ConditionalCustomAttribute7 <MultiValuedProperty>] [-ConditionalCustomAttribute8  
<MultiValuedProperty>] [-ConditionalCustomAttribute9 <MultiValuedProperty>] [-  
ConditionalDepartment <MultiValuedProperty>] [-ConditionalStateOrProvince  
<MultiValuedProperty>] [-Confirm [<SwitchParameter>]] [-DisplayName <String>] [-  
DomainController <Fqdn>] [-ForceUpgrade <SwitchParameter>] [-IncludedRecipients  
<Nullable>] [-Name <String>] [-RecipientContainer <OrganizationalUnitIdParameter>]  
[-RecipientFilter <String>] [-WhatIf [<SwitchParameter>]]
```