

# PowerShell-Verbindung und Exchange Online

## Verbindung zu Exchange Online mit Basic Auth

1. Execution Policy anpassen

PowerShell als **Administrator** öffnen:

```
Set-ExecutionPolicy RemoteSigned
```

2. Verbindung herstellen

### In der German Cloud

Nachfolgende PowerShell kann als **normaler Benutzer** gestartet werden:

```
$UserCredential = Get-Credential  
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -  
ConnectionUri https://outlook.office.de/powershell-liveid/ -Credential  
$UserCredential -Authentication Basic -AllowRedirection
```

### In der Worldwide Cloud

```
$UserCredential = Get-Credential  
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -  
ConnectionUri https://outlook.office365.com/powershell-liveid/ -Credential  
$UserCredential -Authentication Basic -AllowRedirection
```

Nachfolgende Befehle sind wieder für alle Cloudvarianten gültig:

```
Import-PSSession $Session -DisableNameChecking
```

### Verbindung trennen

```
Remove-PSSession $Session
```

## Verbindung zu Exchange Online mit Modern Auth

```
Install-Module -Name ExchangeOnlineManagement  
Import-Module ExchangeOnlineManagement
```

```
Connect-ExchangeOnline -UserPrincipalName admin@meintenant.onmicrosoft.com
```

# Exchange-Kontakte Import/Export

## Export

```
Get-MailContact -ResultSize unlimited | export-csv c:\temp\Contacts.csv
```

## Import

```
Import-Csv .\ExternalContacts.csv | ForEach-Object {New-MailContact -Name  
$_.Name -DisplayName $_.Name -ExternalEmailAddress $_.ExternalEmailAddress -  
FirstName $_.FirstName -LastName $_.LastName}  
$contacts = Import-CSV .\ExternalContacts.csv  
$contacts | ForEach {Set-Contact $_.Name -StreetAddress $_.StreetAddress -  
City $_.City -StateorProvince $_.StateorProvince -PostalCode $_.PostalCode -  
Phone $_.Phone -MobilePhone $_.MobilePhone -Pager $_.Pager -HomePhone  
$_.HomePhone -Company $_.Company -Title $_.Title -OtherTelephone  
$_.OtherTelephone -Department $_.Department -Fax $_.Fax -Initials  
$_.Initials -Notes $_.Notes -Office $_.Office -Manager $_.Manager}
```

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Last update: **2022/07/10 12:15**

