



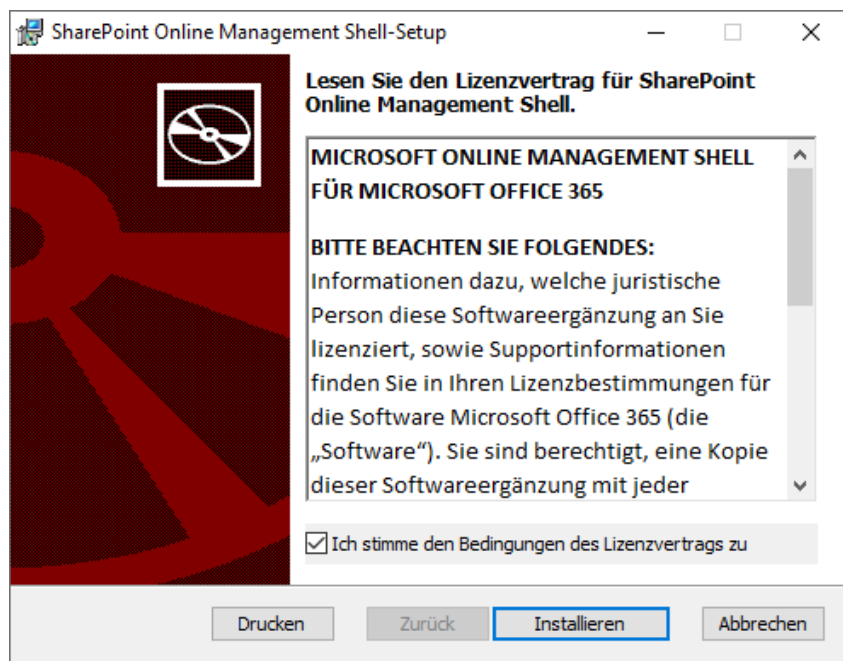
OneDrive Business Speicherplatz Bericht erstellen

Das Ziel ist die Erstellung eines Berichts über die Speicherplatzbelegung auf OneDrive.

Voraussetzungen:

Installation der SharePoint Online Management Shell.

<https://www.microsoft.com/de-de/download/details.aspx?id=35588>



Modul importieren:

Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking

```
1 Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
2
3 $AdminSiteURL="https://...-admin.sharepoint.com"
4 Connect-SPOService -Url $AdminSiteURL
5
6 Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Url -like '*-my.sharepoint.com/personal/*'" | Select Owner, StorageUsageCurrent, Url
7
8 Result=@()
9 #Get all OneDrive for Business sites
10 $OneDriveSites = Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Url -like '*-my.sharepoint.com/personal/*'"
11 $OneDriveSites | ForEach-Object {
12     $site = $_
13     $Result += New-Object PSObject -property @{
14         UserName = $site.Owner
15         Size_inMB = $site.StorageUsageCurrent
16         StorageQuota_inGB = $site.StorageQuota/1024
17         WarningSize_inGB = $site.StorageQuotaWarningLevel/1024
18         OneDriveSiteUrl = $site.URL
19     }
20 }
21 $Result | Select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB, OneDriveSiteUrl |
22 Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8
23
```

PS C:\WINDOWS\system32> Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
PS C:\WINDOWS\system32> |



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Anmeldedaten eingeben:

The screenshot shows a Windows PowerShell ISE window with a script and a Microsoft login dialog box. The script in the background is as follows:

```
1 Import-Module Microsoft.Online.SharePoint.PowerShell
2
3 $AdminSiteURL="https://admin.sharepoint.com"
4 Connect-SPOService -Url $AdminSiteURL
5
6 Get-SPOSite -IncludePersonalSite $true -Limit All
7
8 Result=@()
9 #Get all OneDrive for Business sites
10 $OneDriveSites = Get-SPOSite -IncludePersonalSite $true -Limit All
11 $OneDriveSites | ForEach-Object {
12     $site = $_
13     $Result += New-Object PSObject -property @{
14         UserName = $site.Owner
15         Size_inMB = $site.StorageUsageCurrent
16         StorageQuota_inGB = $site.StorageQuota/1024
17         WarningSize_inGB = $site.StorageQuotaWarningLevel/1024
18         OneDriveSiteUrl = $site.URL
19     }
20 }
21 $Result | Select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB, OneDriveSiteUrl |
22 Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8
```

The login dialog box is titled "Bei Ihrem Konto anmelden" and "Anmelden". It prompts for "E-Mail, Telefon oder Skype" and offers options: "Kein Konto? Erstellen Sie jetzt eins!" and "Sie können nicht auf Ihr Konto zugreifen?". There are "Zurück" and "Weiter" buttons.

Sind nun per Shell verbunden.

The screenshot shows the PowerShell ISE window after the script execution. The terminal output is as follows:

```
PS C:\WINDOWS\system32> Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
PS C:\WINDOWS\system32> $AdminSiteURL="https://admin.sharepoint.com"
Connect-SPOService -Url $AdminSiteURL
PS C:\WINDOWS\system32> |
```

A red arrow points to the prompt "PS C:\WINDOWS\system32> |" indicating that the shell is now connected to the SharePoint service.



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Lassen uns zuerst alle Sites und deren Speicherbedarf anzeigen:

```
Administrator: Windows PowerShell ISE (x86)
Datei Bearbeiten Ansicht Tools Debuggen Add-Ons Hilfe

Unbenannt1.ps1 X
1 Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
2
3 $AdminSiteURL="https://...-admin.sharepoint.com"
4 Connect-SPOService -Ur1 $AdminSiteURL
5
6 Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'" | Select Owner, StorageUsageCurrent, Ur1
7
8 $Result=@()
9 #Get all OneDrive for Business sites
10 $OneDriveSites = Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'"
11 $OneDriveSites | ForEach-Object {
12 $Site = $_
13 $Result += New-Object PSObject -property @{
14   UserName = $Site.Owner
15   Size_inMB = $Site.StorageUsageCurrent
16   StorageQuota_inGB = $Site.StorageQuota/1024
17   WarningSize_inGB = $Site.StorageQuotaWarningLevel/1024
18   OneDriveSiteUr1 = $Site.URL
19 }
20 }
21 $Result | Select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB, OneDriveSiteUr1 |
22 Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8
23

PS C:\WINDOWS\system32> Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
PS C:\WINDOWS\system32> $AdminSiteURL="https://...-admin.sharepoint.com"
Connect-SPOService -Ur1 $AdminSiteURL
PS C:\WINDOWS\system32> Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'" | Select Owner, StorageUsageCurrent, Ur1

Owner                               StorageUsageCurrent Ur1
-----                               -
ma1@e...                             3834 https://ndsedy-my.sharepoint.com/personal/
ma1@e...                             742786 https://ndsedy-my.sharepoint.com/personal/

PS C:\WINDOWS\system32>
```

Anschließend exportieren wir die ganzen Informationen:

```
Administrator: Windows PowerShell ISE (x86)
Datei Bearbeiten Ansicht Tools Debuggen Add-Ons Hilfe

Unbenannt1.ps1* X
1 Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
2
3 $AdminSiteURL="https://ndsedy-admin.sharepoint.com"
4 Connect-SPOService -Ur1 $AdminSiteURL
5
6 Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'" | Select Owner, StorageUsageCurrent, Ur1
7
8 $Result=@()
9 #Get all OneDrive for Business sites
10 $OneDriveSites = Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'"
11 $OneDriveSites | ForEach-Object {
12 $Site = $_
13 $Result += New-Object PSObject -property @{
14   UserName = $Site.Owner
15   Size_inMB = $Site.StorageUsageCurrent
16   StorageQuota_inGB = $Site.StorageQuota/1024
17   WarningSize_inGB = $Site.StorageQuotaWarningLevel/1024
18   OneDriveSiteUr1 = $Site.URL
19 }
20 }
21 $Result | Select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB, OneDriveSiteUr1 |
22 Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8
23

PS C:\WINDOWS\system32> $Result=@()
#Get all OneDrive for Business sites
$OneDriveSites = Get-SPOSite -IncludePersonalSite $true -Limit All -Filter "Ur1 -like '-my.sharepoint.com/personal/'"
$OneDriveSites | ForEach-Object {
$Site = $_
$Result += New-Object PSObject -property @{
  UserName = $Site.Owner
  Size_inMB = $Site.StorageUsageCurrent
  StorageQuota_inGB = $Site.StorageQuota/1024
  WarningSize_inGB = $Site.StorageQuotaWarningLevel/1024
  OneDriveSiteUr1 = $Site.URL
}
}
$Result | Select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB, OneDriveSiteUr1 |
Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8

PS C:\WINDOWS\system32>
```



OneDrive Business Speicherplatz Bericht erstellen

Excel-Report:

Powershell-Skript:

```
Import-Module Microsoft.Online.SharePoint.PowerShell -DisableNameChecking
```

```
$AdminSiteURL="https://ORGANISATION-admin.sharepoint.com"  
Connect-SPOService -Url $AdminSiteURL
```

```
Get-SPOsite -IncludePersonalSite $true -Limit All -Filter "Url -like '-  
my.sharepoint.com/personal/'" | select Owner, StorageUsageCurrent, Url
```

```
$Result=@()  
#Get all OneDrive for Business sites  
$OneDriveSites = Get-SPOsite -IncludePersonalSite $true -Limit All -Filter "Url -  
like '-my.sharepoint.com/personal/'"  
$OneDriveSites | ForEach-Object {  
$site = $_  
$Result += New-Object PSObject -property @{  
UserName = $site.Owner  
Size_inMB = $site.StorageUsageCurrent  
StorageQuota_inGB = $site.StorageQuota/1024  
WarningSize_inGB = $site.StorageQuotaWarningLevel/1024  
OneDriveSiteUrl = $site.URL  
}  
}  
$Result | select UserName, Size_inMB, StorageQuota_inGB, WarningSize_inGB,  
OneDriveSiteUrl |  
Export-CSV "C:\Temp\OneDrive-Report.csv" -NoTypeInformation -Encoding UTF8  
#Disconnect-SPOService
```