

Powershell Master Cheatsheet - Cheatsheet

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Powershell Master Cheatsheet

Hide a user from the Global Address List

```
Set-ADUser paulie -Replace @{msExchHideFromAddressLists=$true}
```

Unhide a user from the Global Address List

```
Set-ADUser paulie -Replace @{msExchHideFromAddressLists=$false}
```

Remove Object From Azure Recycle Bin

```
Remove-MsolUser -UserPrincipalName user3453@microsoft.com -RemoveFromRecycleBin
```

Set Azure User Immutable ID

```
#$credential = Get-Credential  
#Connect-MsolService -Credential $credential
```

```
$ADUser = "user"
$365User = "user@mutschlerhome.com"
$guid =(Get-ADUser $ADUser).Objectguid
$immutableID=[system.convert]::ToBase64String($guid.tobytearray())
Set-MsolUser -UserPrincipalName "$365User" -ImmutableId $immutableID
```

Set Azure Group mS-DS-ConsistencyGUID ID

```
Set-ADGroup -Identity 'CN=Service Accounts - Deny Interactive Logon,OU=To
Move,DC=corp,DC=mutschlerhome,DC=com' -Replace @{'mS-DS-ConsistencyGuid'='2155c959-564f-405e-
bea9-395632aba1d1'} -ErrorAction Stop
```

Remove Object From Active Directory Recycle Bin

1. Run Powershell as an `admin`
2. Check first to verify you only get the user you want from the following command.

```
Get-ADObject -Filter 'isDeleted -eq $True -and Name -like "*username*' -IncludeDeletedObjects
```

3. Once you verified the only result is the user you want to delete permanently, run the following command.

```
Get-ADObject -Filter 'isDeleted -eq $True -and Name -like "*username*' -IncludeDeletedObjects
| Remove-ADObject
```

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AD Health Check With Email

Custom Intune Detection Script

Disconnect Disconnected Users

```
$pc = qwinsta /server:dcwipvmhsj001 | select-string "Disc" | select-string -notmatch
"services"

if ($pc)
{
    $pc | % {

        logoff ($_.toString() -split ' ')[2] /server:SERVERNAME

    }
}
```

Distribution List Modification

How to Change the Owner of an Azure Active Directory Device

Install Elastic Defend on Windows

“ Install within Powershell, NOT Powershell ISE.

```
New-Item -ItemType Directory -Force -Path C:\Temp | Out-Null
cd C:\Temp
Invoke-WebRequest -Uri https://artifacts.elastic.co/downloads/beats/elastic-agent/elastic-agent-8.7.0-windows-x86_64.zip -OutFile elastic-agent-8.7.0-windows-x86_64.zip
Expand-Archive .\elastic-agent-8.7.0-windows-x86_64.zip -DestinationPath .
cd C:\temp\elastic-agent-8.7.0-windows-x86_64
.\elastic-agent.exe install --url=https://192.168.1.191:8220 --insecure --enrollment-token=U1phc3ZZY0JPV053QmVvVGxGNHU6TFR1XzdGMDNSSUdrdkl0bTJLS2RiQQ==
```

Mass Service Kill

```
Get-Content c:\scripts\servers.txt | .\Restart-Service -ServiceName dnscache
```

Mass Task Kill

```
taskkill /F /IM 'wmiprvse.exe'
```

```
(Get-Content 'c:\Temp\Computers.txt') | ForEach-Object {  
    Get-WmiObject -computer $_ -class win32_process -filter "name = 'wmiprvse.exe' -  
credential $cred | ForEach-Object{$_} | out-null  
}
```

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[RSAT Install](#)

[Remove Ghost Devices](#)

[Test gMSA Account on DCs](#)

[View/Delete Local Profile List](#)

Revoke Azure Token

1. Connect to Azure

Connect-AzureAD

2. Revoke Token

Revoke-AzureADUserAllRefreshToken -ObjectId johndoe@contoso.com

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