

Windows

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Windows Update KB5034441 Fehler 0x80070643

2024-01 Sicherheitsupdate für Windows 10 Version 22H2 für x64-basierte Systeme (KB5034441)

bei Fehlermeldung 0x80070643 muss die WinRE-Partition vergrößert werden. Microsoft ist der Fehler bekannt, sagt aber man soll es selbst beheben:

<https://www.golem.de/news/windows-10-update-kb5034441-microsoft-sagt-fix-gegen-fehler-0x80070643-ab-2405-184751.html>

<https://learn.microsoft.com/en-us/windows-hardware/manufacture/desktop/add-update-to-winre?view=windows-11#extend-the-windows-re-partition>

Zuerst ein Powershell Skript mit folgendem Inhalt (kopiert aus dem learn.microsoft Link) erstellen

zb

C:\Users\Benutzer1\Documents\WindowsPowerShell\Scripts\extendWinRE.ps1

```
Param (
    [Parameter(Mandatory=$false,HelpMessage="Skip confirmation")] [bool]$SkipConfirmation=$false,
    [Parameter(Mandatory=$true,HelpMessage="Path to backup old WinRE partition content to")] [string]$BackupFolder
)
# -----
# Helper functions
# -----
# Log message
function LogMessage([string]$message)
{
    [message] = "$message"
    Write-Host $message
}
# Extract numbers from string
function ExtractNumbers([string]$str)
```

```

{
[]$cleanString = $str -replace "[^0-9]"
[]return [long]$cleanString
}
# Display partition info using fsutil
# Return an array, the first value is total size and the second value is free space
function DisplayPartitionInfo([string[]]$partitionPath)
{
[]$volume = Get-WmiObject -Class Win32_Volume | Where-Object { $partitionPath -contains
$.DeviceID }
[]LogMessage(" Partition capacity: " + $volume.Capacity)
[]LogMessage(" Partition free space: " + $volume.FreeSpace)
[]return $volume.Capacity, $volume.FreeSpace
}
# Display WinRE status
function DisplayWinREStatus()
{
[]# Get WinRE partition info
[]$WinREInfo = Reagentc /info
[]foreach ($line in $WinREInfo)
[]{
[]$params = $line.Split(':')
[]if ($params.Count -lt 2)
[]{
[]continue
[]}
[]if (($params[1].Trim() -ieq "Enabled") -Or (($params[1].Trim() -ieq "Disabled")))
[]{
[]$Status = $params[1].Trim() -ieq "Enabled"
[]LogMessage($line.Trim())
[]}
[]if ($params[1].Trim() -like "\\?\GLOBALROOT*")
[]{
[]$Location = $params[1].Trim()
[]LogMessage($line.Trim())
[]}
[]}
[]return $Status, $Location
}

```

```

# -----
# Main execution
# -----
# Clear the error
$error.Clear()
# -----
# Examining the system to collect required info
# for the execution
# Need to check WinRE status, collect OS and WinRE
# partition info
# -----
LogMessage("Start time: $([DateTime]::Now)")
LogMessage("Examining the system...")
$NeedShrink = $true
$NeedCreateNew = $false
$NeedBackup = $false
# Get WinRE partition info
$InitialWinREStatus = DisplayWinREStatus
$WinREStatus = $InitialWinREStatus[0]
$WinRELocation = $InitialWinREStatus[1]
if (!$WinREStatus)
{
[]LogMessage("Error: WinRE Disabled")
[]exit 1
}
# Get System directory and ReAgent xml file
$system32Path = [System.Environment]::SystemDirectory
LogMessage("System directory: " + $system32Path)
$ReAgentXmlPath = Join-Path -Path $system32Path -ChildPath "\Recovery\ReAgent.xml"
LogMessage("ReAgent xml: " + $ReAgentXmlPath)
if (!(Test-Path $ReAgentXmlPath))
{
[]LogMessage("Error: ReAgent.xml cannot be found")
[]exit 1
}
# Get OS partition
LogMessage("")
LogMessage("Collecting OS and WinRE partition info...")
$OSDrive = $system32Path.Substring(0,1)
$OSPartition = Get-Partition -DriveLetter $OSDrive

```

```

# Get WinRE partition
$WinRELocationItems = $WinRELocation.Split('\')
foreach ($item in $WinRELocationItems)
{
    if ($item -like "harddisk*")
    {
        $OSDiskIndex = ExtractNumbers($item)
    }
    if ($item -like "partition*")
    {
        $WinREPartitionIndex = ExtractNumbers($item)
    }
}
LogMessage("OS Disk: " + $OSDiskIndex)
LogMessage("OS Partition: " + $OSPartition.PartitionNumber)
LogMessage("WinRE Partition: " + $WinREPartitionIndex)
$WinREPartition = Get-Partition -DiskNumber $OSDiskIndex -PartitionNumber $WinREPartitionIndex
$diskInfo = Get-Disk -number $OSDiskIndex
$diskType = $diskInfo.PartitionStyle
LogMessage("Disk PartitionStyle: " + $diskType)
# Display WinRE partition size info
LogMessage("WinRE partition size info")
$WinREPartitionSizeInfo = DisplayPartitionInfo($WinREPartition.AccessPaths)
LogMessage("WinRE Partition Offset: " + $WinREPartition.Offset)
LogMessage("WinRE Partition Type: " + $WinREPartition.Type)
LogMessage("OS partition size: " + $OSPartition.Size)
LogMessage("OS partition Offset: " + $OSPartition.Offset)
$OSPartitionEnds = $OSPartition.Offset + $OSPartition.Size
LogMessage("OS partition ends at: " + $OSPartitionEnds)
LogMessage("WinRE partition starts at: " + $WinREPartition.Offset)
$WinREIsOnSystemPartition = $false
if ($diskType -ieq "MBR")
{
    if ($WinREPartition.IsActive)
    {
        LogMessage("WinRE is on System partition")
        $WinREIsOnSystemPartition = $true
    }
}
if ($diskType -ieq "GPT")

```

```

{
if ($WinREPartition.Type -ieq "System")
{
LogMessage("WinRE is on System partition")
$WinREIsOnSystemPartition = $true
}
}
# Checking the BackupFolder parameter
if ($PSBoundParameters.ContainsKey('BackupFolder'))
{
LogMessage("")
LogMessage("Backup Directory: [" + $BackupFolder + "]")
}
$Needbackup = $true
}
if ($WinREIsOnSystemPartition)
{
$Needbackup = $false
LogMessage("WinRE is on System partition which will be preserved. No need to backup content")
}
else
{
if (Test-path $BackupFolder)
{
$items = Get-ChildItem -Path $BackupFolder
if ($items)
{
LogMessage("Error: Existing backup directory is not empty")
exit 1
}
}
else
{
LogMessage("Creating backup directory...")
try
{
$item = New-Item -Path $BackupFolder -ItemType Directory -ErrorAction Stop
if ($item)
{
LogMessage("Backup directory created")
}
}
}
}
}

```

```

}
else
{
    LogMessage("Error: Failed to create backup directory [" + $BackupFolder + "]")
    exit 1
}
} catch
{
    LogMessage("Error: An error occurred: $_")
    exit 1
}
}
}
}
}

# -----
# Verify whether we meet requirements of execution
# - WinRE cannot be on OS partition for the extension
# - WinRE partition must be the next partition after OS partition
# - If WinRE partition already have >=250MB free space, no need to do repartition
# - If there is enough unallocated space to grow the WinRE partition size, skip shrinking OS
#
# However, if the WinRE partition is before the OS partition, there is no chance to extend it
# As a result, it's better to create a new WinRE partition after the OS partition
# -----
# Perform a few checks
LogMessage("")
LogMessage("Verifying if the WinRE partition needs to be extended or not...")
if (!(($diskType -ieq "MBR") -Or ($diskType -ieq "GPT")))
{
    LogMessage("Error: Got an unexpected disk partition style: " + $diskType)
    exit 1
}
# WinRE partition must be after OS partition for the repartition
if ($WinREPartitionIndex -eq $OSPartition.PartitionNumber)
{
    LogMessage("WinRE and OS are on the same partition, should not perform extension")
    exit 0
}
$supportedSize = Get-PartitionSupportedSize -DriveLetter $OSDrive
# if there is enough free space, skip extension

```

```

if ($WinREPartitionSizeInfo[1] -ge 250MB)
{
    LogMessage("More than 250 MB of free space was detected in the WinRE partition, there is no
    need to extend the partition")
    exit 0
}
if ($WinREPartition.Offset -lt $OSPartitionEnds)
{
    LogMessage("WinRE partition is not after OS partition, cannot perform extension")
    LogMessage("Need to create a new WinRE partition after OS partition")
    $NeedCreateNew = $true
    $NeedShrink = $true
}
# Calculate the size of repartition
# Will create a new WinRE partition with current WinRE partition size + 250 MB
# The OS partition size will be shrunk by the new WinRE partition size
$targetWinREPartitionSize = $WinREPartitionSizeInfo[0] + 250MB
$shrinkSize = [Math]::Ceiling($targetWinREPartitionSize / 1MB) * 1MB
$targetOSPartitionSize = $OSPartition.Size - $shrinkSize
if ($targetOSPartitionSize -lt $supportedSize.SizeMin)
{
    LogMessage("Error: The target OS partition size after shrinking is smaller than the supported
    minimum size, cannot perform the repartition")
    exit 1
}
}
else
{
    if ($WinREIsOnSystemPartition)
    {
        LogMessage("WinRE parititon is after the OS partition and it's also System partition")
        LogMessage("Error: Got unexpected disk layout, cannot proceed")
        exit 1
    }
    if (!(($WinREPartitionIndex -eq ($OSPartition.PartitionNumber + 1)))
    {
        LogMessage("Error: WinRE partition is not right after the OS partition, cannot extend WinRE
        partition")
        exit 1
    }
}

```

```

[]# Calculate the size of repartition
[]# Will shrink OS partition by 250 MB
[]$shrinkSize = 250MB
[]$targetOSPartitionSize = $OSPartition.Size - $shrinkSize
[]$targetWinREPartitionSize = $WinREPartitionSizeInfo[0] + 250MB
[]$UnallocatedSpace = $WinREPartition.Offset - $OSPartitionEnds;
[]# If there is unallocated space, consider using it
[]if ($UnallocatedSpace -ge 250MB)
[]{
[]  []$UnallocatedSpace = $WinREPartition.Offset - $OSPartitionEnds;
[]  []LogMessage("Found unallocated space between OS and WinRE partition: " + $UnallocatedSpace)
[]  []LogMessage("There is already enough space to extend WinRE partition without shrinking the OS
partition")
[]  []$NeedShrink = $false
[]  []$targetOSPartitionSize = 0
[]}
[]else
[]{
[]  []$shrinkSize = [Math]::Ceiling((250MB - $UnallocatedSpace)/ 1MB) * 1MB
[]  []if ($shrinkSize > 250MB)
[]  []{
[]    []$shrinkSize = 250MB
[]  []}
[]  []$targetOSPartitionSize = $OSPartition.Size - $shrinkSize
[]  []if ($targetOSPartitionSize -lt $supportedSize.SizeMin)
[]  []{
[]    []LogMessage("Error: The target OS partition size after shrinking is smaller than the supporte
minimum size, cannot perform the repartition")
[]    []exit 1
[]  []}
[]}
}
# -----
# Report execution plan and ask for user confirmation to continue
# -----
# Report the changes planned to be executed, waiting for user confirmation
LogMessage("")
LogMessage("Summary of proposed changes")
if ($NeedCreateNew)
{

```

```

[]LogMessage("Note: WinRE partition is before OS partition, need to create a new WinRE partition
after OS partition")
[]LogMessage("Will shrink OS partition by " + $shrinkSize)
[]LogMessage(" Current OS partition size: " + $OSPartition.Size)
[]LogMessage(" Target OS partition size after shrinking: " + $targetOSPartitionSize)
[]LogMessage("New WinRE partition will be created with size: ", $targetWinREPartitionSize)
[]if ($WinREIsOnSystemPartition)
[]{
[]LogMessage("Existing WinRE partition is also system partition, it will be preserved")
[]}
[]else
[]{
[]LogMessage("Existing WinRE partition will be deleted")
[]LogMessage(" WinRE partition: Disk [" + $OSDiskIndex + "] Partition [" + $WinREPartitionIndex
+ "]")
[]LogMessage(" Current WinRE partition size: " + $WinREPartitionSizeInfo[0])
[]}
}
else
{
[]if ($NeedShrink)
[]{
[]LogMessage("Will shrink OS partition by " + $shrinkSize)
[]LogMessage(" Current OS partition size: " + $OSPartition.Size)
[]LogMessage(" Target OS partition size after shrinking: " + $targetOSPartitionSize)
[]if ($UnallocatedSpace -ge 0)
[]{
[]LogMessage("Unallocated space between OS and WinRE partition that will be used towards the n
WinRE partition: " + $UnallocatedSpace)
[]}
[]}
[]else
[]{
[]LogMessage("Will use 250MB from unallocated space between OS and WinRE partition")
[]}
[]LogMessage("Will extend WinRE partition size by 250MB")
[]LogMessage(" WinRE partition: Disk [" + $OSDiskIndex + "] Partition [" + $WinREPartitionIndex
+ "]")
[]LogMessage(" Current WinRE partition size: " + $WinREPartitionSizeInfo[0])
[]LogMessage(" New WinRE partition size: " + $targetWinREPartitionSize)

```

```
LogMessage("WinRE will be temporarily disabled before extending the WinRE partition and
enabled automatically in the end")
if ($UnallocatedSpace -ge 100MB)
{
    LogMessage("Warning: More than 100MB of unallocated space was detected between the OS and
WinRE partitions")
    LogMessage("Would you like to proceed by using the unallocated space between the OS and the
WinRE partitions?")
}
}
if ($Needbackup)
{
    LogMessage("")
    LogMessage("The contents of the old WinRE partition will be backed up to [" + $BackupFolder +
    "]")
}
LogMessage("")
LogMessage("Please reboot the device before running this script to ensure any pending
partition actions are finalized")
LogMessage("")
if ($SkipConfirmation)
{
    LogMessage("User chose to skip confirmation")
    LogMessage("Proceeding with changes...")
}
else
{
    $userInput = Read-Host -Prompt "Would you like to proceed? Y for Yes and N for No"
    if ($userInput -ieq "Y")
    {
        LogMessage("Proceeding with changes...")
    }
    elseif ($userInput -ieq "N")
    {
        LogMessage("Canceling based on user request, no changes were made to the system")
        exit 0
    }
    else
    {
```

```

[][]LogMessage("Error: Unexpected user input: [" + $userInput + "]")
[][]exit 0
[]}
}
LogMessage("")
LogMessage("Note: To prevent unexpected results, please do not interrupt the execution or
restart your system")
# -----
# Do the actual execution
# The main flow is:
# 1. Check whether ReAgent.xml has stage location and clear it for repartition
# 2. Disable WinRE as WinRE partition will be deleted
# 3. Perform the repartition to create a larger WinRE partition
# 4. Re-enable WinRE
# -----
LogMessage("")
# Load ReAgent.xml to clear Stage location
LogMessage("Loading [" + $ReAgentXmlPath + "] ...")
$xml = [xml](Get-Content -Path $ReAgentXmlPath)
$node = $xml.WindowsRE.ImageLocation
if (($node.path -eq "") -And ($node.guid -eq "{00000000-0000-0000-0000-000000000000}") -And
($node.offset -eq "0") -And ($node.id -eq "0"))
{
[]LogMessage("Stage location info is empty")
}
else
{
[]LogMessage("Clearing stage location info...")
[]$node.path = ""
[]$node.offset = "0"
[]$node.guid= "{00000000-0000-0000-0000-000000000000}"
[]$node.id="0"
[]# Save the change
[]LogMessage("Saving changes to [" + $ReAgentXmlPath + "]...")
[]$xml.Save($ReAgentXmlPath)
}
# Disable WinRE
LogMessage("Disabling WinRE...")
reagentc /disable
if (!$LASTEXITCODE -eq 0)

```

```

{
[]LogMessage("Warning: encountered an error when disabling WinRE: " + $LASTEXITCODE)
[]exit $LASTEXITCODE
}
# Verify WinRE is under C:\Windows\System32\Recovery\WinRE.wim
$disableWinREPath = Join-Path -Path $system32Path -ChildPath "\Recovery\WinRE.wim"
LogMessage("Verifying that WinRE wim exists in downlevel at default location")
if (!(Test-Path $disableWinREPath))
{
[]LogMessage("Error: Cannot find " + $disableWinREPath)
[]
[]# Re-enable WinRE
[]LogMessage("Re-enabling WinRE on error...")
[]reagentc /enable
[]if (!($LASTEXITCODE -eq 0))
[]{
[][]LogMessage("Warning: encountered an error when enabling WinRE: " + $LASTEXITCODE)
[]}
[]exit 1
}
# -----
# Perform the repartition
# 1. Resize the OS partition
# 2. Delete the WinRE partition
# 3. Create a new WinRE partition
# -----
LogMessage("Performing repartition to extend the WinRE partition ...")
# 1. Resize the OS partition
if ($NeedShrink)
{
[]LogMessage("Shrinking the OS partition to create a larger WinRE partition")
[]LogMessage("Resizing the OS partition to: [" + $targetOSPartitionSize + "]...")
[]Resize-Partition -DriveLetter $OSDrive -Size $targetOSPartitionSize
[]if ($Error.Count -gt 0) {
[][]LogMessage("Error: Resize-Partition encountered errors: " + $Error[0].Exception.Message)
[][]
[][]# Re-enable WinRE
[][]LogMessage("Re-enabling WinRE on error...")
[][]reagentc /enable
[][]if (!($LASTEXITCODE -eq 0))

```



```

{
    #partition = New-Partition -DiskNumber $OSDiskIndex -Size $targetWinREPartitionSize -MbrType
    0x27
    $targetWinREPartitionSizeInMb = [int]($targetWinREPartitionSize/1MB)
    $diskpartScript =
    @"
    select disk $OSDiskIndex
    create partition primary size=$targetWinREPartitionSizeInMb id=27
    format quick fs=ntfs label="Recovery"
    set id=27
    "@
    $TempPath = $env:Temp
    $diskpartScriptFile = Join-Path -Path $TempPath -ChildPath
    "\ExtendWinRE_MBR_PowershellScript.txt"
    [
    [LogMessage("Creating temporary diskpart script to create Recovery partition on MBR disk...")
    [LogMessage("Temporary diskpart script file: " + $diskpartScriptFile)
    $diskpartScript | Out-File -FilePath $diskpartScriptFile -Encoding ascii
    [
    [LogMessage("Executing diskpart script...")
    [try
    [{
    $diskpartOutput = diskpart /s $diskpartScriptFile
    [
    [if ($diskpartOutput -match "DiskPart successfully")
    [{
    [LogMessage("Diskpart script executed successfully")
    [
    [else
    [{
    [LogMessage("Error executing diskpart script:" + $diskpartOutput)
    [exit 1
    [
    [LogMessage("Deleting temporary diskpart script file...")
    [Remove-Item $diskpartScriptFile
    [
    [catch
    [{
    [LogMessage("Error executing diskpart script: $_")
    [exit 1

```

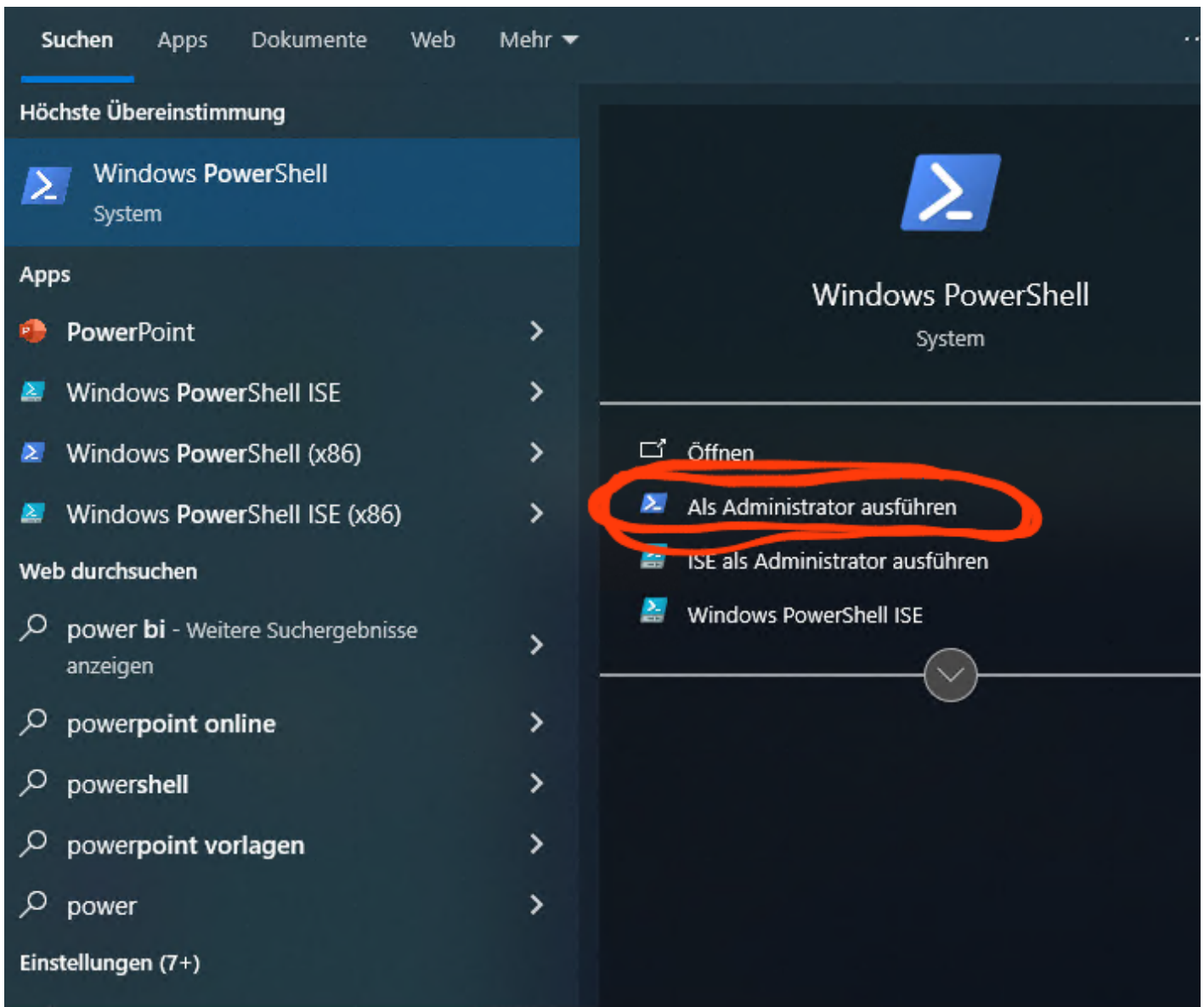
```

[]}
[]
[]$vol = Get-Volume -FileSystemLabel "Recovery"
[]$newPartitionIndex = (Get-Partition | Where-Object { $_.AccessPaths -contains $vol.Path }
).PartitionNumber
}
if ($Error.Count -gt 0)
{
[]LogMessage("Error: New-Partition encountered errors: " + $Error[0].Exception.Message)
[]exit 1
}
LogMessage("New Partition index: " + $newPartitionIndex)
# Re-enable WinRE
LogMessage("Re-enabling WinRE...")
reagentc /enable
if (!$LASTEXITCODE -eq 0)
{
[]LogMessage("Warning: encountered an error when enabling WinRE: " + $LASTEXITCODE)
[]exit $LASTEXITCODE
}
# In the end, Display WinRE status to verify WinRE is enabled correctly
LogMessage("")
LogMessage("WinRE Information:")
$FinalWinREStatus = DisplayWinREStatus
$WinREStatus = $FinalWinREStatus[0]
$WinRELocation = $FinalWinREStatus[1]
if (!$WinREStatus)
{
[]LogMessage("Warning: WinRE Disabled")
}
$WinRELocationItems = $WinRELocation.Split('\')
foreach ($item in $WinRELocationItems)
{
[]if ($item -like "partition*")
[]{
[][]$WinREPartitionIndex = ExtractNumbers($item)
[]}
}
LogMessage("WinRE Partition Index: " + $WinREPartitionIndex)
$WinREPartition = Get-Partition -DiskNumber $OSDiskIndex -PartitionNumber $WinREPartitionIndex

```

```
$WinREPartitionSizeInfoAfter = DisplayPartitionInfo($WinREPartition.AccessPaths)
LogMessage("")
LogMessage("OS Information:")
$OSPartition = Get-Partition -DriveLetter $OSDrive
LogMessage("OS partition size: " + $OSPartition.Size)
LogMessage("OS partition Offset: " + $OSPartition.Offset)
if (!($WinREPartitionIndex -eq $newPartitionIndex))
{
    [LogMessage("Warning: WinRE is installed to partition [" + $WinREPartitionIndex +"], but the
    newly created Recovery partition is [" + $newPartitionIndex + "]")
}
LogMessage("End time: $($([DateTime]::Now)")
if ($NeedBackup)
{
    [LogMessage("")
    [LogMessage("The contents of the old WinRE partition has been backed up to [" + $BackupFolder +
    "]")
}
LogMessage("")
LogMessage("Successfully completed the operation")
```

dann die Powershell als Admin starten:



power|

dann die ExecutionPolicy ändern

```
Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy remotesigned
```

Skript ausführen

```
C:\Users\Benutzer1\Documents\WindowsPowerShell\Scripts\extendWinRE.ps1 -SkipConfirmation $true  
-BackupFolder c:\winre_backup
```

ExecutionPolicy um Skripte auszuführen

```
Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy remotesigned
```

oder

```
Set-ExecutionPolicy -Scope Process -ExecutionPolicy Bypass
```

Lange Pfad- & Dateinamen aktivieren

Variante 1

In PowerShell mit Adminrechten:

```
Set-ItemProperty 'HKLM:\SYSTEM\CurrentControlSet\Control\FileSystem' -Name 'LongPathsEnabled'  
-Value 1
```

Quelle:

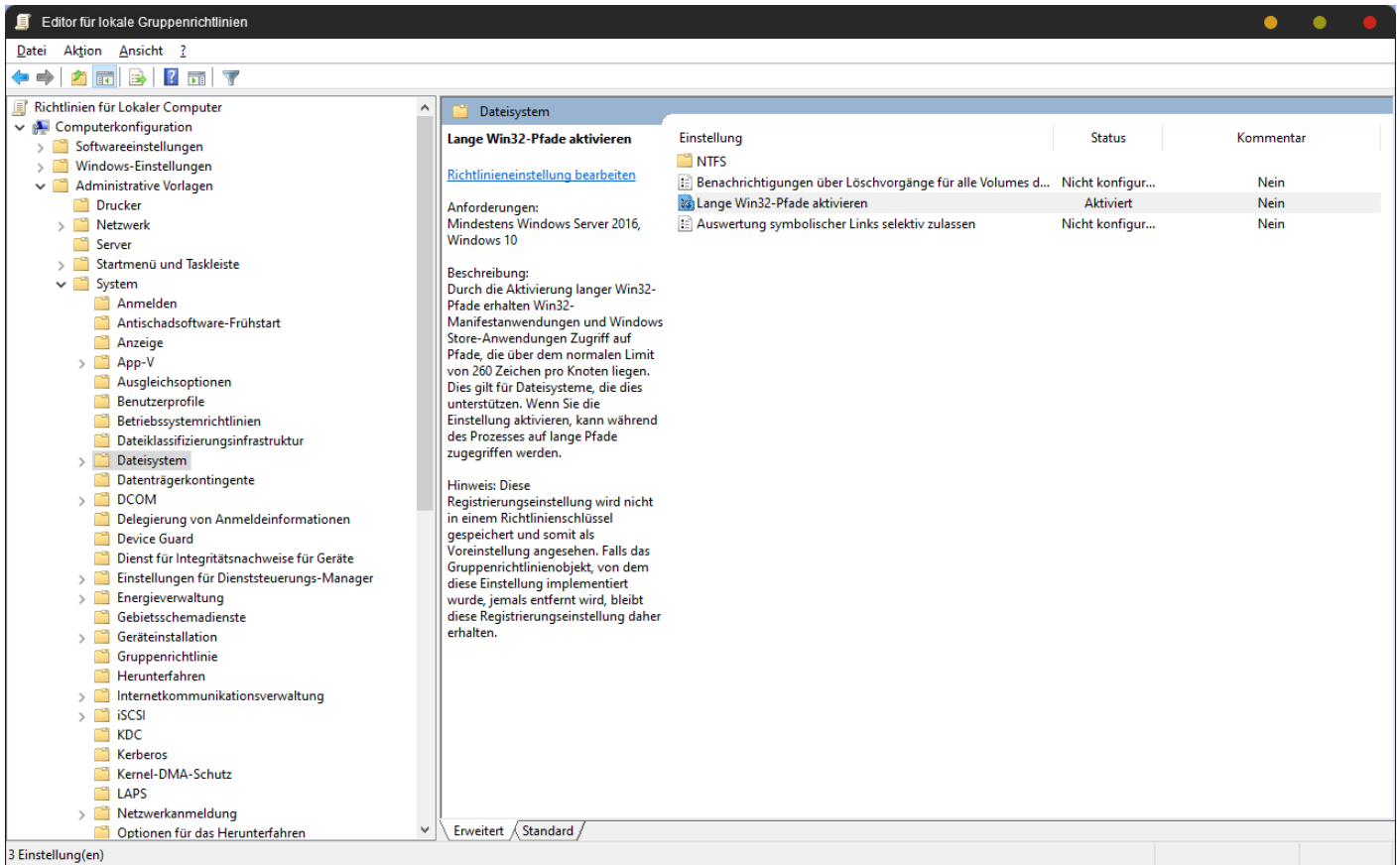
<https://lgug2z.github.io/komorebi/installation.html>

Stichwörter:

Lange Dateinamen, Lange Pfade

Variante 2

WIN+R > gpedit.msc > Computerkonfig > Administrative Vorlagen > System > Dateisystem > Lange Win32-Pfade aktivieren > Aktivieren > PC neustarten



lange Pfade sind immer hinter einem \\?\C:\Windows\... versteckt

Alternativ die Datei in Powershell umbenennen

```
Rename-Item -LiteralPath "\\?\D:\Entwicklung\Superlangerpdfname.pdf" -NewName "test.pdf"
```

oder löschen

```
Remove-Item -LiteralPath "\\?\D:\Entwicklung\Superlangerpdfname.pdf"
```

Windows 11 Anmeldung umgehen

https://www.reddit.com/r/Windows11/comments/1c2dcoq/bypass_windows_11_microsoft_account_requirement/

Shift+F10:

`oobe\BypassNR0` eingeben

Neustart

Beim Anmelden Screen nochmal Shift+F10:

`ipconfig /release`

`cmd` schließen

Pfeil zurück

Pfeil wieder vor (weiter)

fertig

Custom Windows11.iso

Einführung

Dieses Kapitel beschreibt, wie man mit einer Hand voll Tools ein benutzerdefiniertes Windows 11 erstellen kann. Das Image soll folgende Features besitzen:

- Bootbar vom USB-Stick Ventoy
- Fast vollständig unbeaufsichtigte Windows Installation
- Einzig die Eingabe von Benutzernamen, Passwort und Hostname während der Installation
- Vorinstallierte Ordner mit Dateien zB eine Installationsdatei für bestimmte Software
- Automatisches Ausführen eines Powershell Skripts nach dem ersten Boot, das Software von einem Paketmanager (Winget oder Chocolatey) installiert
- Automatisches Ausführen eines Python Skripts nach dem ersten Boot, zB um einen E-Mail Account über einen Makrobot bei Strato anzulegen, Slack anzumelden, Office zu aktivieren, Windows zu aktivieren etc.

Tools

- [Ventoy](#) (USB-Stick mount mit einfachem ISO-Kopieren statt mit Rufus flashen) oder [iVentoy](#) für PXE netboot
- [Windows ADK](#)
 - [Windows System Image Manager](#) für [Antwortdatei unattend.xml](#)
 - DISM für .iso > .wim
- [Windows PE](#)
- [Winutil](#)
- [Sysprep](#)

Tutorial

<https://www.youtube.com/watch?v=PdKMiFKGQuc>

YouTube

Suchen

Untitled1 - Windows System Image Manager

File Edit Insert Tools Help

Dist/Resource/Source

Select a Distribution Share

Components

- 1 windowsPE
 - amd64_Microsoft-Windows-Setup_neutral
 - UserData
 - ProductKey
 - 2 offlineServicing
 - 3 generalize
 - 4 specialize
 - 5 auditUser
 - 6 auditSystem
 - 7 oobeSystem
 - amd64_Microsoft-Windows-Shell-Setup_neutral
 - OOBE
 - UserAccounts

ProductKey

2 offlineServicing

3 generalize

4 specialize

5 auditUser

6 auditSystem

7 oobeSystem

amd64_Microsoft-Windows-Shell-Setup_neutral

OOBE

UserAccounts

Packages

DesktopOptimization

Display

FirstLogonCommands

FolderLocations

LoginCommands

NotificationArea

OEMInformation

OEMWelcomeCenter

OEMWelcomeCenterLinks

OfflineUserAccounts

OOBE

WModeOptimizations

StartPanelLinks

StartTasks

TaskbarLinks

Themes

UserAccounts

VisualEffects

WindowsFeatures

amd64_Microsoft-Windows-Shell-Setup_neutral

OOBE: ProgramData

AppliedConfigurationPath: 7 oobeSystem

Component: Microsoft-Windows-Shell-Setup

Path: OOBE

Settings

- HideEULAPage: true
- HideLocalAccountScreen: true
- HideOEMRegistrationScreen: true
- HideOnlineAccountScreens: true
- HideWirelessSetupInOOBE: true
- NetworkLocation: false

OEMInfoId

ProtectYourPC

SkipMachineOOBE

SkipUserOOBE

UnattendEnableRetailID

HideOnlineAccountScreens

Type: Boolean

XML Validation Configuration Set

Description Location

6:42 / 33:52 (22:31) - Creating an Answer File >

THIS is what Windows 10 should look like! - Custom Windows Image Tutorial

Craft Computing 349,000 Abonnenten

Mitglied werden

Abonniert

22,437 341

Teilen

Herunterladen

Alle

Aus der Serie

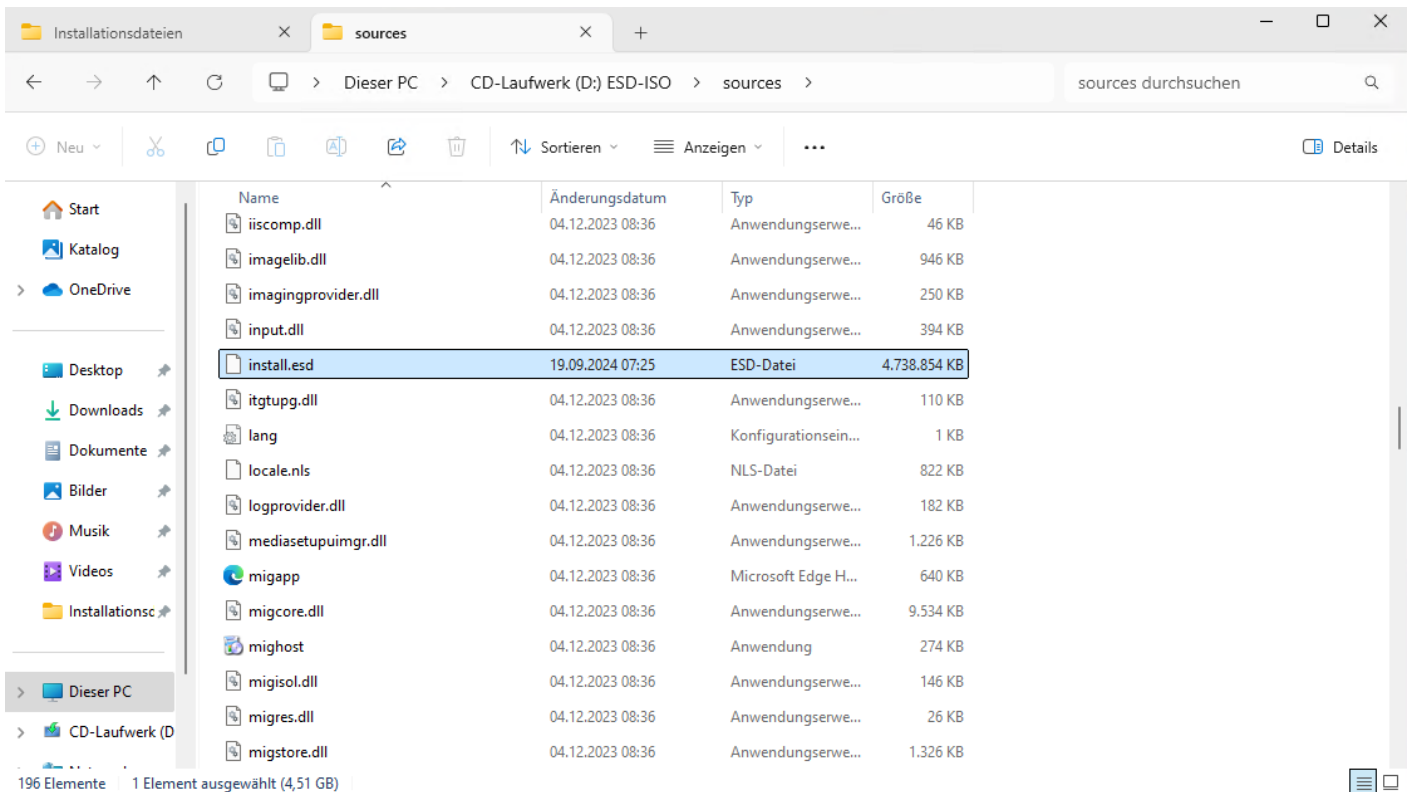
Von Craft Computing

You're running Pi-Hole wrong!

Custom Windows11.iso

DISM: .iso > .wim

Um an die .wim Datei zu kommen, muss man die windows11.iso Datei mounten. Dort die .esd kopieren, bei neueren Windowsversionen meistens `CD-Laufwerk:\sources\install.esd` oder dort ist direkt die .wim zu finden



Index von Pro oder Home Variante in .esd finden

```
dism /get-wiminfo /wimfile:"C:\Pfad\zur\install.esd"
```

.wim aus .esd extrahieren

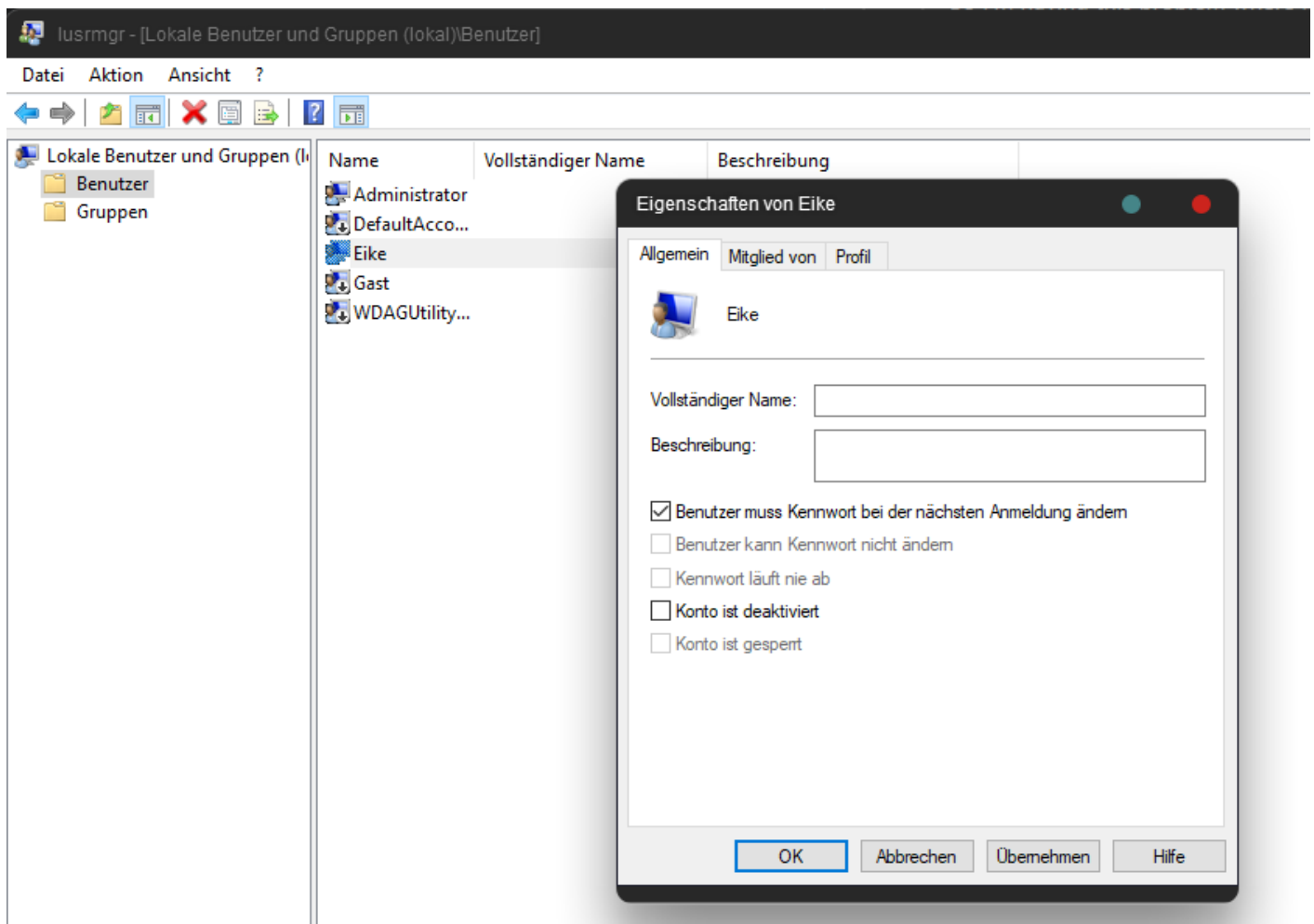
```
dism /export-image /sourceimagefile:"install.esd" /sourceindex:5  
/destinationimagefile:"w11_23H2_pro.wim" /compress:max /checkintegrity
```


RDP: Kennwort ändern verhindern

win+r (Ausführen)

lusrmgr.msc

starten. Benutzer > User auswählen:



ändern zu

Eigenschaften von Eike

Allgemein Mitglied von Profil



Eike

Vollständiger Name:

Beschreibung:

- Benutzer muss Kennwort bei der nächsten Anmeldung ändern
- Benutzer kann Kennwort nicht ändern
- Kennwort läuft nie ab
- Konto ist deaktiviert
- Konto ist gesperrt

OK

Abbrechen

Übernehmen

Hilfe