

# **.NET Framework 4.5.1 (Microsoft)**

## Description

The .NET Framework 4.5 is a highly compatible, in-place update to the .NET Framework 4.

Package – Copy to all **Notes/Comments** sections in SCCM during package creation.  
Free software license.

Source file location (share or weblink):

<http://www.microsoft.com/en-us/download/details.aspx?id=30653>

Copy source files to Software Vault share location:

<\\server\share\Sources\Software Vault\DotNet4.5>

Import *NDP451-KB2858728-x86-x64-AllOS-ENU.exe* into SCCM Client Applications as a Script Installer.

## **Installation program:**

"NDP451-KB2858728-x86-x64-AllOS-ENU.exe" /q /norestart

## **Uninstall program:**

Powershell.exe –executionpolicy bypass –file "DotNetFramework451\_Uninstall.ps1"

**Detection Method:** Registry key exists.

Registry hive: HKLM

Registry key: SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{92FB6C44-E685-45AD-9B20-CADF4CABA132} - 1033

Value: DisplayVersion

Type: String

Equals: 4.5.50938

## **User Experience**

Installation behavior: Install for system

Logon requirement: Whether or not a user is logged on

Installation program visibility: Hidden

Enforce specific behavior: No specific action

**Dependencies** (list redistributables, runtime, etc., available for install with SCCM):

None

## **Notes**

GUID: {92FB6C44-E685-45AD-9B20-CADF4CABA132} - 1033 (64-bit)

Registry key or file path (used to check if application is installed):

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{92FB6C44-E685-45AD-9B20-CADF4CABA132} - 1033

UninstallString (determines uninstall method to use):  
(see notes below)

DisplayName: Microsoft .NET Framework 4.5.1  
DisplayVersion: 4.5.50938  
Publisher: Microsoft

***Silent install, repair and uninstall command lines for each version of the .NET Framework***

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<https://blogs.msdn.microsoft.com/astebner/2009/04/16/silent-install-repair-and-uninstall-command-lines-for-each-version-of-the-net-framework/>

.NET Framework 4.5.1 (64-bit) – silent uninstall

%windir%\Microsoft.NET\Framework64\v4.0.30319\SetupCache\v4.5.50938\setup.exe /uninstall /x86 /x64 /q /norestart

## DotNetFramework451\_Uninstall.ps1

```
<#
.SYNOPSIS
    SCCM Uninstall program for .NET Framework 4.5.1 (64-bit)

.DESCRIPTION
    Removes the following components from window 7 x64 systems:
    - Microsoft .NET Framework 4.5.1 (64-bit)

.NOTES
    FileName: DotNetFramework451_Uninstall.ps1
    Author: Jerry Senff
    Updated: 12/07/2016
    Comments: Powershell.exe -executionpolicy bypass -file
"DotNetFramework451_Uninstall.ps1"
#>

# Error file
$startLocation = Get-Location
$error=@()
$errorpath = '\ErrorLogs\DotNetFramework451_Uninstall.txt' # MODIFY
$errorFileLocation = ($env:SystemDrive + $errorpath)

# Uninstall Variables - Microsoft .NET Framework 4.5.1 (64-bit)
$dotNet451 = 'Microsoft .NET Framework 4.5.1'
$dotNet451Uninstall = '"' + $env:windir +
'\Microsoft.NET\Framework64\v4.0.30319\SetupCache\v4.5.50938\setup.exe"'
$dotNet451Params = '/uninstall /x86 /x64 /q /norestart'
$dotNet451Regkey =
'HKLM:SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{92FB6C44-E685-45AD-9B20-
CADF4CABA132} - 1033'

Write-Host ""
Write-Host "*****"
Write-Host ""
Write-Host "$dotNet451 Uninstall"
Write-Host ""
Write-Host "Purpose: Remove the following components:"
Write-Host "    - $dotNet451"
Write-Host ""

# Uninstall Microsoft .NET Framework 4.5.1 (64-bit)
set-location $startLocation
Write-Host "*****"
Write-Host ""
Write-Host "Checking for $dotNet451 installation..."
Write-Host ""

If ((Test-Path -Path $dotNet451Regkey) -eq 'True')
{
    Write-Host "    $dotNet451 is installed."
    Write-Host ""
    Write-Host "Uninstalling $dotNet451..."
    Write-Host ""
    Write-Host "Command: $dotNet451Uninstall $dotNet451Params"
    Write-Host ""
    Start-Process -FilePath $dotNet451Uninstall -ArgumentList $dotNet451Params -
ErrorVariable +err -Verb Open -Wait
    Write-Host ""
    Write-Host "    $dotNet451 uninstall complete."
    Write-Host ""
}
Else
{
    Write-Host "    $dotNet451 not installed."
    Write-Host ""
}
}
```

```
Start-Sleep 5

# Indicate location of error log file
$err | Out-File $errFileLocation
Write-Host "*** Log file location = " $errFileLocation " ***"
Write-Host ""

Start-Sleep 5
```