## Remediating CVE-2022-29072 for 7-zip Windows Privilege Escalation Vulnerability

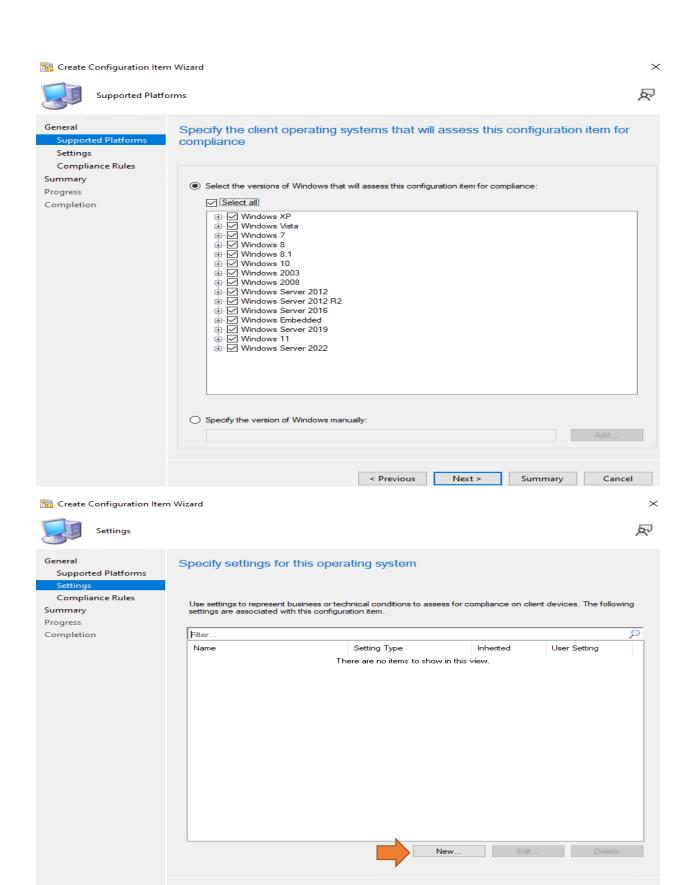
In this post, I am going to create CI and CB within CB2203 to fix 7-zip vulnerability for x64 version. Below are the details.

At present, 7-Zip has not released a security update to address this vulnerability, which means that all current versions of 21.07 are vulnerable. Luckily there is a workaround available and through this blog, I will cover the remediation steps of implementing this workaround using ConfigMgr.

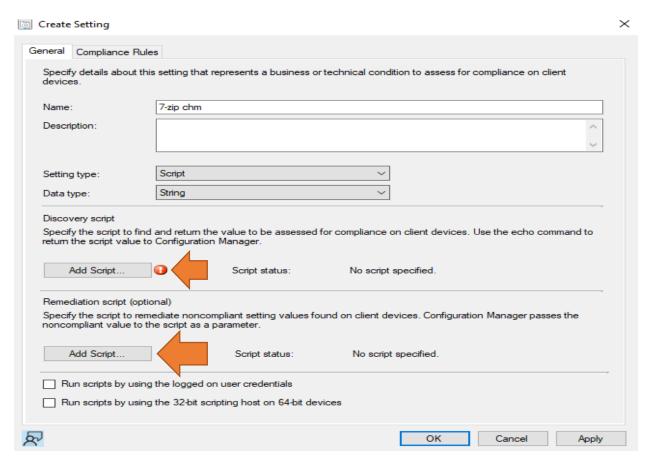
1. On the MECM console, navigate to \Assets and Compliance\Overview\Compliance Settings\Configuration Items. 2. Right click and select Create Configuration Item. 3. Configure the settings as shown below. Compliance Settings Configuration It Create Configuration Item Configuration B Import Configuration Data 🚰 User Data and F Recast RCT **M** Create Configuration Item Wizard × ₽7 General Specify general information about this configuration item Supported Platforms Settings Compliance Rules Configuration items define a configuration and associated validation criteria to be assessed for compliance on Summary Progress 7-zip Vulnerability for .chm Name: Completion Description: Specify the type of configuration item that you want to create: Settings for devices managed with the Configuration Manager client ○ Windows 10 or later Mac OS X (custom) Windows Desktops and Servers (custom) This configuration item contains application settings Settings for devices managed without the Configuration Manager client ○ Windows 8.1 and Windows 10 Windows Phone Assigned categories to improve searching and filtering: Categories.

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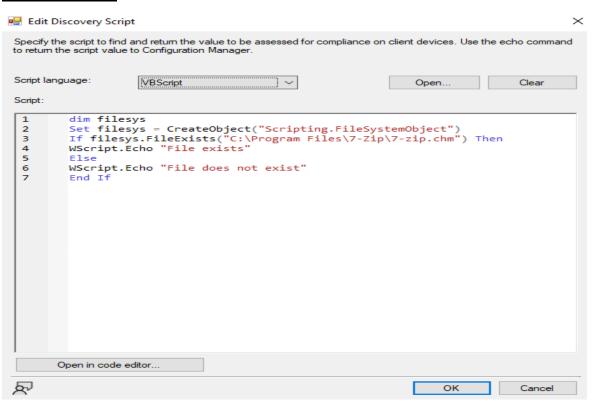
Summary



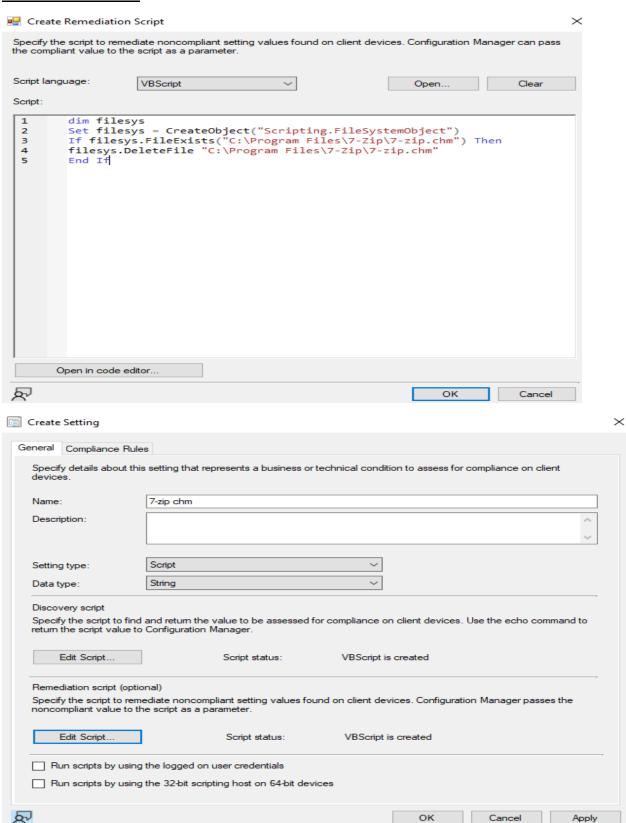
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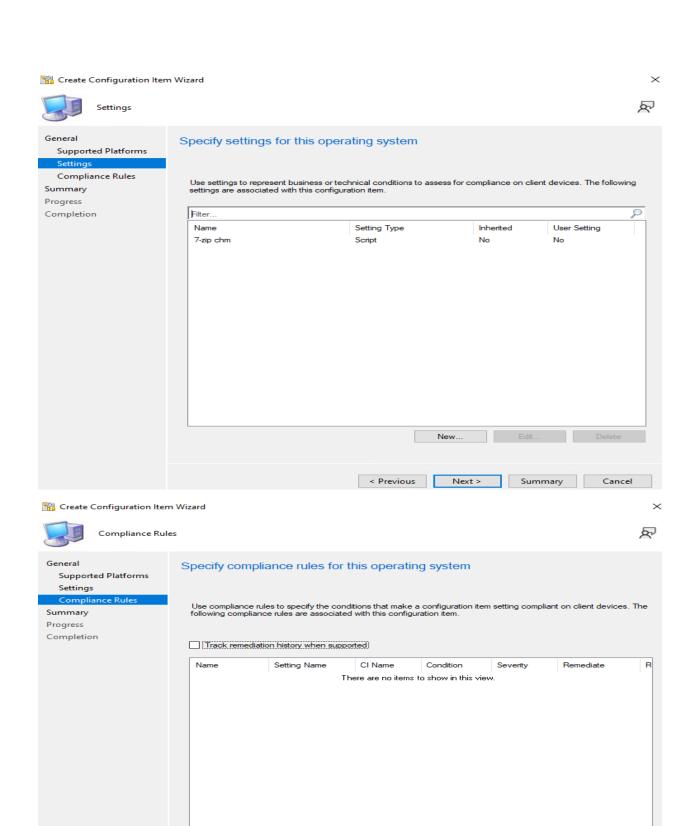


## **DETECTION SCRIPT**



## **REMEDIATION SCRIPT:**

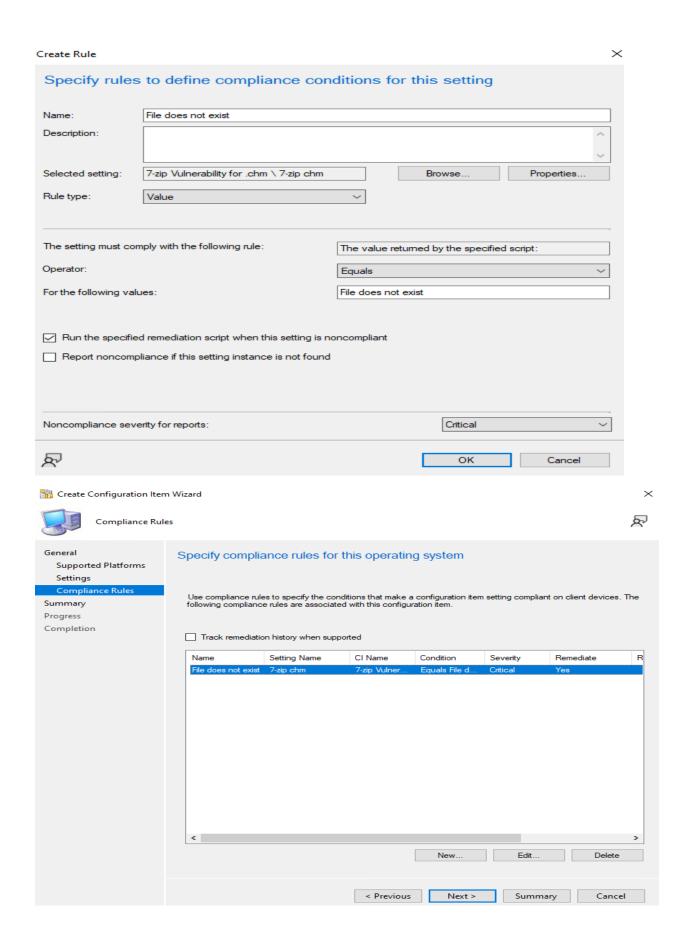


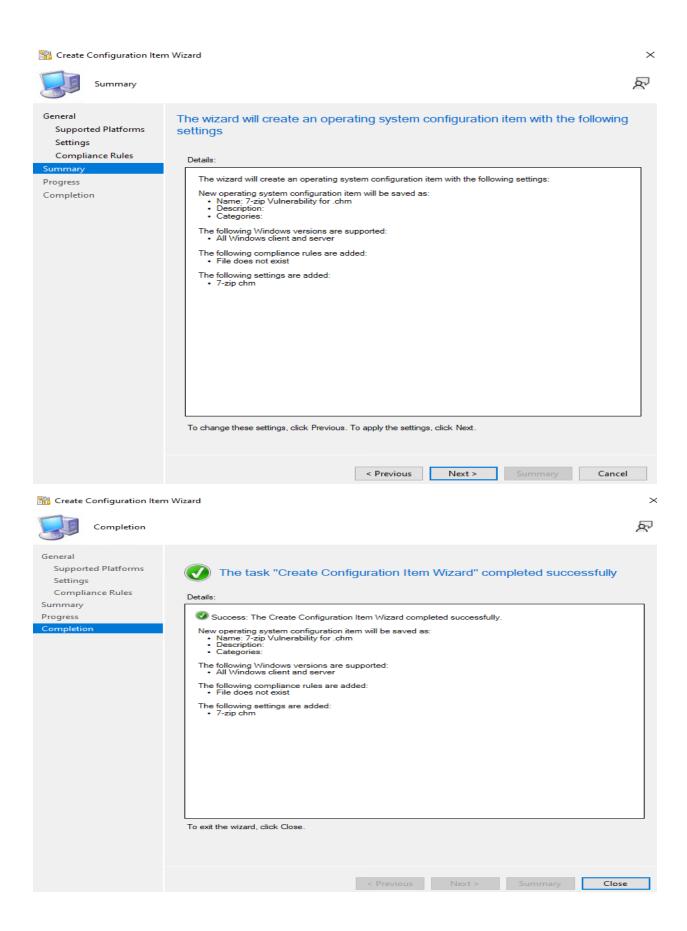


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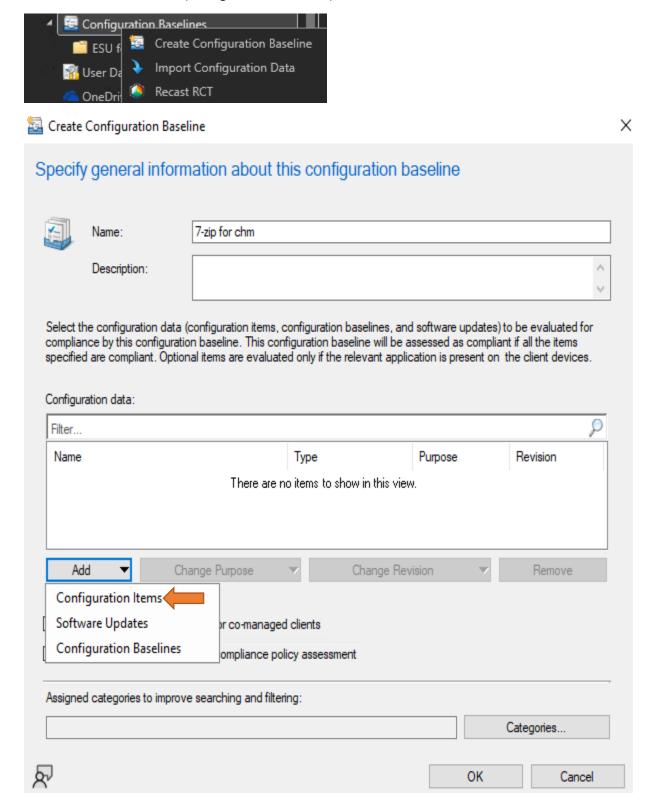
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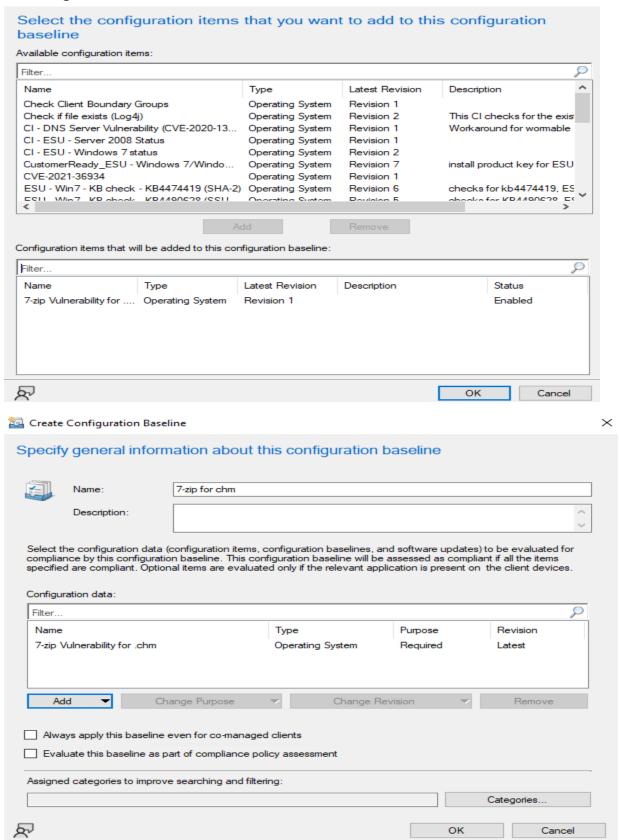
Summary



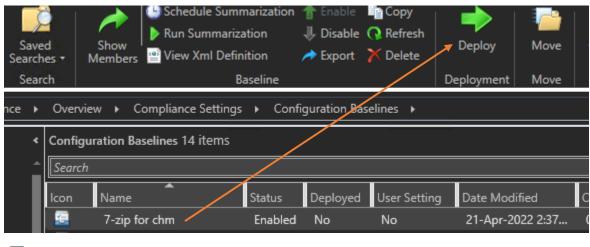


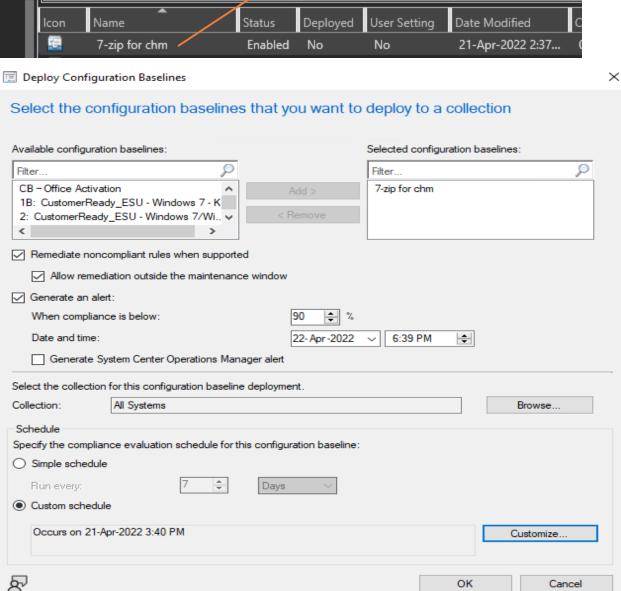
Now we have to create CB (Configuration Baselines)

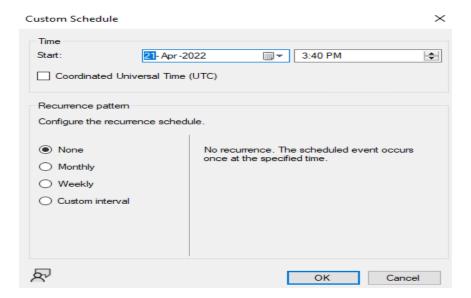




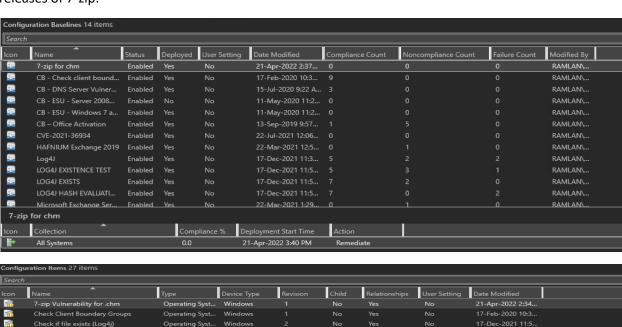
## Now deploy the CB

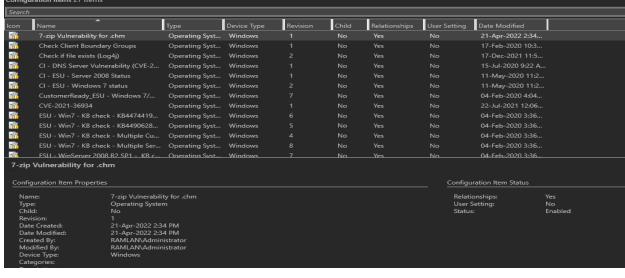






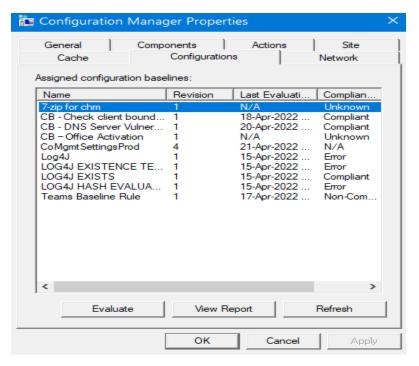
Note: I will not recommend setting a recurrence schedule as the vulnerability may get fixed in future releases of 7-zip.





We can check whether the remediation took place from Control Panel – Configuration Manager

Run Machine Policy and User Policy - Then check Configuration tab



In our case the remediation script status is UNKNOWN. I did set the script to run at 340pm. Maybe I will check tomorrow and the status should be COMPLIANT.

# Conclusion Until a fix is released, implementing the workaround seems like the only option.

**Thanks** 

#### Ram

21<sup>st</sup> Apr 2022

### SCRIPT: Detection x64 -

dim filesys

Set filesys = CreateObject("Scripting.FileSystemObject")

If filesys.FileExists("C:\Program Files\7-Zip\7-zip.chm") Then

WScript.Echo "File exists"

Else

WScript.Echo "File does not exist"

End If

## **SCRIPT: Detection x86 -**

dim filesys

Set filesys = CreateObject("Scripting.FileSystemObject")

If filesys.FileExists("C:\Program Files (x86)\7-Zip\7-zip.chm") Then

WScript.Echo "File exists"

Else

WScript.Echo "File does not exist"

End If

# **SCRIPT: Remediation x64 -**

dim filesys

Set filesys = CreateObject("Scripting.FileSystemObject")

If filesys.FileExists("C:\Program Files\7-Zip\7-zip.chm") Then

filesys.DeleteFile "C:\Program Files\7-Zip\7-zip.chm"

End If

## **SCRIPT: Remediation x86 -**

dim filesys

Set filesys = CreateObject("Scripting.FileSystemObject")

If filesys.FileExists("C:\Program Files (x86)\7-Zip\7-zip.chm") Then

filesys.DeleteFile "C:\Program Files (x86)\7-Zip\7-zip.chm"

End If