# AppLocker known issues

26 June 2018

This document lists issues observed during AaronLocker deployments that are due to bugs in the platform, and offers workarounds to apply until the bugs are resolved.

### Microsoft Edge browser crashes on start when DLL rules are configured

If you start Microsoft Edge on Windows 10 versions 1703, 1709, or 1803, Edge crashes shortly after starting if AppLocker DLL rules are configured. The problem occurs whether DLL rules are configured for “Audit only” or “Enforce rules.”

Until the update that resolves the issue is released, you can work around the issue with this registry edit:

[HKEY\_LOCAL\_MACHINE\Software\Microsoft\Internet Explorer\Spartan]

"RAC\_LaunchFlags"=dword:00001E37

You can also apply the change on a per-user basis by substituting HKEY\_CURRENT\_USER for HKEY\_LOCAL\_MACHINE.

After the update that resolves the issue is released, delete the RAC\_LaunchFlags registry value.

### Files are blocked when they shouldn’t be

On rare occasions, AppLocker blocks a file that it should allow, and the event data incorrectly reports the file as not signed. In addition, AppLocker caches the incorrect result indefinitely and never allows the file to run.

The workaround is to copy the file to a new name in the same directory, delete the original file, then rename the copy to the original name.

Example:

OneDrive fails to start. AppLocker event log reports an error with TELEMETRY.DLL and shows the file as not signed. Error information captured with Get-AppLockerEvents.ps1:

GenericPath : %LOCALAPPDATA%\MICROSOFT\ONEDRIVE\17.3.6816.0313\TELEMETRY.DLL

GenericDir : %LOCALAPPDATA%\MICROSOFT\ONEDRIVE\17.3.6816.0313

OriginalPath : %OSDRIVE%\USERS\TOBY\APPDATA\LOCAL\MICROSOFT\ONEDRIVE\17.3.6816.0313\TELEMETRY.DLL

FileName : TELEMETRY.DLL

FileType : DLL

PublisherName : -

ProductName :

BinaryName :

FileVersion :

Hash : 0xB2FD0EC99D98D89CEB30C45D47F5418AA70CCCF78FC22CC3EABEF6F6E67AA17A

UserSID : S-1-5-21-3841777977-1772892211-860544140-1002

UserName : DESKTOP-L0DMFHV\Toby

MachineName : DESKTOP-L0DMFHV

EventTime : 2018-06-25T09:46:18.7067597

PID : 3476

EventType : Error

However, Test-AppLockerPolicy says that current policy should allow the file:

PS C:\> Test-AppLockerPolicy -PolicyObject (Get-AppLockerPolicy -Effective) -Path "C:\Users\Toby\AppData\Local\Microsoft\OneDrive\17.3.6816.0313\Telemetry.dll" | Format-List \*

FilePath : C:\Users\Toby\AppData\Local\Microsoft\OneDrive\17.3.6816.0313\Telemetry.dll

PolicyDecision : Allowed

MatchingRule : Microsoft OneDrive (partial): Signer/product rule for O=MICROSOFT CORPORATION, L=REDMOND, S=WASHINGTON, C=US/MICROSOFT ONEDRIVE

Implement the workaround:

copy .\Telemetry.dll .\Workaround.file

del .\Telemetry.dll

ren .\Workaround.file Telemetry.dll