

Advantech SE Technical Share Document

Date	2018 / 07 / 04			
Catagory	□ FAQ ■ SOP	Related Product	WebAccess 8.4.0	
Category	Driver Tech Note			
Abstract	Use the Compare tool t	o check if the Web	Access files modifie	d or missing.
Keyword	WebAccess, File compa	re		
Related OS				
	F	Revision History		
Date	Version	Author	Reviewer	Description
2019/07/04	V1.0	Eden.Sun	Nick.Liu	First edit.

Problem Description & Architecture:

There are some issues that user cannot find particular file or the driver is not working in WebAccess SCADA. File missing might be caused by antivirus program, virus or unexpected problem. So the document could guide you to check if important "EXE" and "DLL" file have been changed or missing in WebAccess SCADA folder.

All EXE DLL Detect	Export		Import
A101#.dll ABMLGX#.dll ABPLC5#.dll ABPLCEIP#.dll ABSLC5#.dll ACEFAM3#.dll	^	(match) A101#.dll (match) ABMLGX#.dll (match) ABPLC5#.dll (match) ABPLCEIP#.dll (match) ABSLC5#.dll	^
ACProjDecrypt.dll ADAM2K# dll ADAM4K# dll ADAM45560#.dll ADAM5560#.dll		(match) ACEFAM3#.dll (match) ACProjDecrypt.dll (match) ADAM2K#.dll (match) ADAM4K#.dll	
ADAM5KE# dll ADAM6K# dll AdEKIIx dll ADMIO# dll Advantech Adam dll		(match) ADAM5560# dll (match) ADAM5KASC#.dll (match) ADAM5KE#.dll (match) ADAM6K#.dll	
Advantech.Common.dll Advantech.Graph.dll Advantech.Protocol.dll AdvAutoFind.dll AdvBemsAp.dll AdvDAinfo# dll		(match) AdEKIIx.dll (match) ADMIO#.dll (match) Advantech.Adam.dll (match) Advantech.Common.dll (match) Advantech.Graph.dll	

Brief Solution - Step by Step:

%This tool is pre-installed from WebAccess 8.4.0, so you should check if the WebAccess version is after.

1. Go to the C:\WebAccess\Node\tool\check_file and find the Execution file what is the WebAccessCheckFiles.exe.

	Cut Copy path Paste shortcut Copy to	e New item		Select all			
Clipboard	Organize	New	Open	Select			
- 🛧 📙 - This P	C \rightarrow Local Disk (C:) \rightarrow WebAccess \rightarrow Node \rightarrow	tool > check_file >			v Ö	Search check_file	ې
Cuick access	Name	Date modified	Type Size				
	🦲 template	2019/6/10 上午 10	File folder				
This PC	MadMilkman.Ini.dll	2016/2/24 下午 05	Application extens	40 KB			
Cesktop	MadMilkman.Ini.xml	2016/2/24 下午 05	XML Document	38 KB			
Documents	MetroFramework.Design.dll	2018/2/22 下午 01	Application extens	17 KB			
🕹 Downloads	MetroFramework.dll	2018/2/22 下午 01	Application extens	350 KB			
h Music	MetroFramework.Fonts.dll	2018/2/22 下午 01	Application extens	657 KB			
Pictures	WaitWnd.dll	2019/2/23 上午 10	Application extens	17 KB			
Videos	WaitWnd.pdb	2019/2/23 上午 10	PDB File	20 KB			
	WebAccessCheckFiles.exe	2019/2/23 上午 10	Application	166 KB			
Local Disk (C:)	WebAccessCheckFiles.exe.config	2019/2/12 上午 11		1 KB			
Local Disk (D:)	WebAccessCheckFiles.pdb	2019/2/23 上年 10	PDB File	64 KB			
Local Disk (E:)							
MG2ISO (K:)							
IMG2ISO (K:)							
Network							

2. Run the WebAccessCheckFiles.exe.

WebAccess File Comp	are ver 1.0				_ ×
AII EXE DLL Detect	Export				Import
		Diff:	0	Miss: 0	Match: 0

Compare



3a. Check the file type box to be confirmed. (Suggest only check the "EXE" & "DLL", because it need a long time to scanning all document and isn't particularly useful.) Then click the "Detect" button and wait for the scanning.

WebAcc-ss File Co	mpare ver 1.0					_ ×
	Export					Import
				_		
	STATISTICS F	Please	wait			
		Diff:	0	Miss:	0	Match: 0
Compare						

3b. After the scan is complete, you can see that there are many document names on the left side of the tool. These are the WebAccess documents of the current computer, and the tools also record the MD5 encoding of those files.

All EXE DLL Detect	Export			
ABMLGX#.dll ABPLC5#.dll	^			Import
ABPLCEIP#.dll ABSLC5#.dll ACEFAM3#.dll ACProjDecrypt.dll ADAM2K#.dll ADAM4K#.dll ADAM5560#.dll ADAM5KASC#.dll ADAM5KE#.dll ADAM6K#.dll AdAM5KE#.dll Advantech.Adam.dll Advantech.Graph.dll Advantech.Graph.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Graph.dll AdvDemsAp.dll AdvIWmsAp.dll				

4. Click the "Import" button and select the .ini type file to be compared. (If you have previously saved the file status of the WebAccess file.)

There are some templates in the C:\WebAccess\Node\tool\check_file\template, which are different version's and different languages's MD5 files when the WebAccess has just been installed.

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A101#.dll ABDrv.DLL ABMLGX#.dll	beiett	^								
🖳 Open										×
← → → ↑ 📑	« WebAco	cess⇒ Node⇒	tool \rightarrow check_file \rightarrow	template		5 v	Search temp	late		٩
Organize 👻 New	folder								-	0
📌 Quick access	^ Nar		Date modified	Туре	Size					
This PC		8_4_0_CHN.ini 8_4_0_ENG.ini		Configuration sett		22 KB				
Desktop	tan-d	8_4_0_JPN.ini		Configuration sett		22 KB				
Documents		8_4_0_KRN.ini		Configuration sett		22 KB				
👆 Downloads	6	8_4_0_TWN.ini	2019/3/28上午 11	Configuration sett		22 KB				
Music										
E Pictures										
🚆 Videos										
🏪 Local Disk (C:)										
🕳 Local Disk (D:)	*									
	File <u>n</u> ame:	8_4_0_ENG.ini								~
							<u>O</u> pen		Cancel	

5. Click "Compare" button to go comparing.

AII EXE DLL Detect	Export		Import
A101#.dll ABMLGX#.dll ABPLC5#.dll ABPLC5#.dll ACFC6IP#.dll ACFC6IP#.dll ACFC6IP#.dll ACFC70JDecrypt.dll ADAM2K#.dll ADAM2K#.dll ADAM5560#.dll ADAM5560#.dll ADAM5KE#.dll ADAM5KE#.dll ADAM6K#.dll AdVantech.Adam.dll Advantech.Graph.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Protocol.dll Advantech.Adam.dll Advantech.Mall Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll Advantech.Adam.dll AdvAntoFind.dll AdvDAinfo#.dll AdvIWmsAp.dll		A101#.dll ABMLGX#.dll ABPLC5#.dll ABPLCEIP#.dll ABSLC5#.dll ACEFAM3#.dll ACEFAM3#.dll ADAM2K#.dll ADAM2K#.dll ADAM5560#.dll ADAM5KE#.dll ADAM5KE#.dll ADAM5KE#.dll ADAM6K#.dll ADAM6K#.dll ADAM6K#.dll ADAM6K#.dll AdVantech.Adam.dll Advantech.Common.dll Advantech.Graph.dll	



6. After the compare is complete, you can get some information on the right side of the tool.

	Status	Color	Explanation
Diff	Dismatch	Black	File exists, but the version is different.
Miss	Miss	Blue	File missing.
Match	Match	Green	File match.

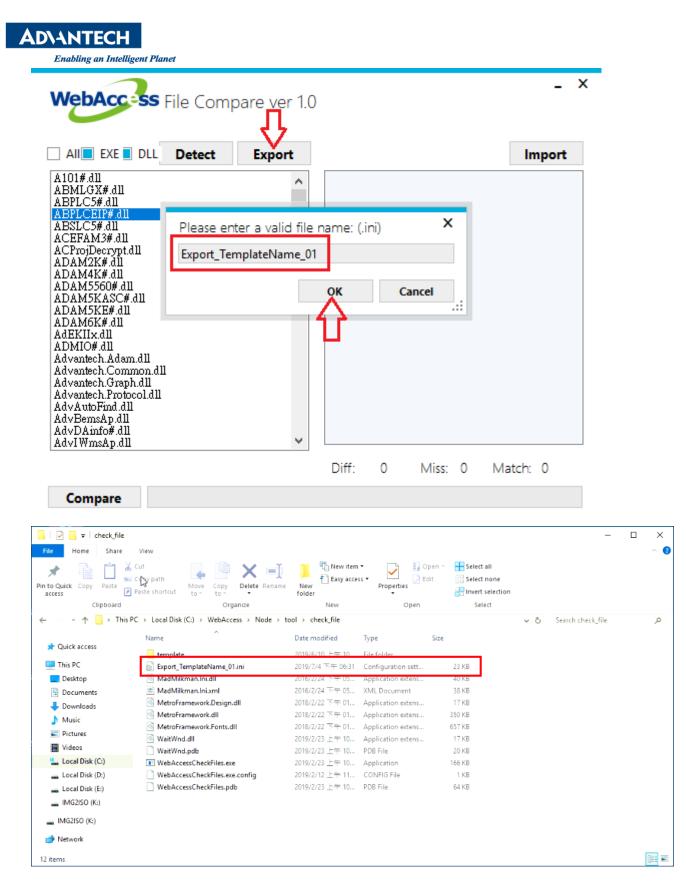
AII EXE DLL Detect	Export		Import
A101#.dll ABMLGX#.dll ABPLC5#.dll ABPLC5#.dll ABSLC5#.dll ACEFAM3#.dll ACEFAM3#.dll ADAM2K#.dll ADAM2K#.dll ADAM5K60#.dll ADAM5K6#.dll ADAM5KE#.dll ADAM5KE#.dll ADAM5KE#.dll AdVantech.Adam.dll Advantech.Graph.dll Advantech.Graph.dll Advantech.Graph.dll Advantech.Graph.dll Advantech.Gll Advantech.dll Advantech.dll Advantech.dll Advantech.dll Advantech.dll Advantech.dll Advantech.dll Advantech.dll AdvIII Adll AdvIII Adll AdvIII Adll AdvIII Adll AdvIII Adll AdvIII Adll AdvIII Adll AdvIII Adll	< <	(match) WISEM501#.dll (match) WISEM502#.dll (match) XIsReport.dll (match) xmlparse.dll (match) xmlparse.dll (match) xmltok.dll (match) YorkEDC#.dll (match) YSMP9xx#.dll (match) A101Drv.dll (match) A5560Drv.dll (match) ABDrv.dll (match) ABDrv.dll (match) ADAM4K.DLL (match) ADAM4K.DLL (match) ADAM0rv.dll (match) ADM10Drv.dll (match) ADS5550DI0.dll (match) AdvDAinfo.dll (match) Agi34972Drv.dll	

7. Finally you can check the results in the log.ini file, which is located in the C:\WebAccess\Node\tool\check_file.

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🛃 📙 🖛 check_file					
le Home Share	View				^
to Ouick Conv. Paste	K Cut Copy path Paste shortcut Copy Delete R	ename New folder	Properties	E Select all	
Clipboard	Organize	New	Open	Select	
	al Disk (C:) → WebAccess → Node → tool :	> check_file	✓ Ö Search cl	heck_file	م ر
🖈 Quick access	Name	Date modified 2019/6/10 上午	Type	Size	
This PC	Export_TemplateName_01.ini	2019/0/10 工平 2019/7/4 下午(ett 23)	KB
Desktop		2019/7/4 下午	5		
Documents	MadMilkman.Ini.dll	2016/2/24 下午	05 Application exte	ens 40 k	KВ
Downloads	🖃 MadMilkman.Ini.xml	2016/2/24 下午	05 XML Document	t 38 ł	КB
Music	MetroFramework.Design.dll	2018/2/22 下午	01 Application exte	ens 17)	KB
Pictures	MetroFramework.dll	2018/2/22下午	01 Application exte	ens 350 ł	KB
Videos	MetroFramework.Fonts.dll WaitWnd.dll	log.ini - Notepad		- 0	×
Local Disk (C:)	WaitWnd.pdb	<u>Edit Format Vi</u> ew	<u>H</u> elp		
Local Disk (D:) Local Disk (E:) IMG2ISO (K:)	WebAccessCheckFiles.exe.conf	iss] ABDrv.dll iff] bwkserv.exe			^
IMG2ISO (K:)	Į.				
🍠 Network					
	c				

%(Non-essential)

If you want to save the current computer status to be a template, you click the "Export" button and enter a file name, you can export the MD5 encoding of the current computer's WebAccess document. After that, the MD5 file appears in the C:\WebAccess\Node\tool\check_file file, which is the same as the tool address.



Pin Definition (in case of serial connection):

Reference:

You can download the template by Advantech website what is "WebAccess/SCADA Tools" in "Support & Download > Software Utility" page.

https://support.advantech.com/support/DownloadSRDetail New.aspx?SR ID=1-1KRCCHH&Doc Source= Download



WebAccess/SCADA Compare Template

Solution : Compare Template

Download File	Released Date	Download Site
WebAccess8.4.0_CompareTemplate.7z (WebAccess8.4.0_CompareTemplate)	2019-07-17	Primary Secondary
WebAccess8.4.1_CompareTemplate.7z (WebAccess8.4.1_CompareTemplate)	2019-07-17	Primary Secondary