

## **Advantech AE Technical Share Document**

Date	2018 / 07 / 17	Release Note	Internal External				
Category	■ FAQ □ SOP	Related OS	WES7				
Abstract	How to fix EWF error after using Ghost to recover WES7 image?						
Keyword	WES7, EWF, Ghost						
<b>Related Product</b>	All ASG products which support WES7						

## Problem Description:

An error message of Enhanced Write Filter will pop up at each boot if user uses Ghost to copy WES7 image.



## Problem Analysis:

Enhanced Write Filter will create a hidden partition in storage automatically whether the EWF function is enabled or disabled.

After using Ghost to copy the WES7 image and then restore it to another disk, this hidden partition will be ignored. The missing partition will cause error on EWF function.



Brief Solution:

There are two scenarios for the solution, you can check which solution meets the client's requirement.

\*\*\*Before copying the image, the problem does not happen yet, you can follow below steps to make a new copy of image to avoid EWF error.\*\*\*

I. In the main screen of Ghost, select Options

ł	Ghost64 11.5.1	-		×
	Symantec Ghost 11.5.1	Copyright (C) 1998-2010 Symantee Corporation. All rights reserved.		
	Local Peer to peer ShostCast Options Delp Guit	Symantec.		

II. Then select the page of Image/Tape >> click Image DiskAfter you finish the settings of above then you can start the Ghost to copy the image.

iymant Syman	ec Ghost 11.5.1 tec Ghost Options	Copyright (C) 1998-2010 Syma	intec Corporation. All rights re	-served,	
	Span/CRC FAT32	764 Misc I Image/Tape Sec	surity Save Settings		
	Defaul <u>t</u> Image All Image Boot Image Disk	Image All forces sector-by-sector Image Boot also copies the entire sector, when creating a disk image Use when installed applications sur use the boot track to store inform <u>Image Disk</u> is similar to Image All boot track like Image Boot, extend unpartitioned space on the disk."-i	copy of all partitions."-ia" boot track, including the boot e file or copying disk to disk. ch as boot-time utilities haton.""th <sup>b</sup> suitch, but also copies ted partition tables and d"		
(	<ul> <li>Default</li> <li>Tape Buffered</li> </ul>	Tape <u>U</u> nbuttered	Tape <u>Ej</u> ect		
		flocept	Cancel		
			symantec.		



You can also use command line to do same action as Ghost GUI.

"Ghost64.exe -clone,mode=dump,src=1,dst=d:1214.gho -sure -id "



You can check following link for commands reference. https://support.symantec.com/en\_US/article.TECH130961.html

\*\*\*The image file has been created and cannot be recreated again. You can follow below steps to fix this problem.\*\*\*

- Open the Command Prompt and enter the following command: "ewfcfg /install-configuration" the result will be as shown in figure 1.
- II. Then reboot the computer.

## <Figure 1>





Note: How to check disk driver number under Ghost GUI?

I. Local >> Check >> Disk

Local	Π	<u>D</u> isk	•				
<u>P</u> eer to peer <u>G</u> hostCast	Action	<u>Check</u>		<u>I</u> mage File			
Options			Check	Disk			
<u>Q</u> uit							
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II. You can see the number of disk drive from Drive row

Select local source drive by clicking on the drive number												
-		1										
I	Drive	Location	Model	Size(MB)	Type	Cylinders	Heads	Sectors				
I	1	Local	ST500VT000-1DK142	476940	Basic	60801	255	63				
I	2	Local	JetFlash Transcend 326B 1	30128	Basic	3840	255	63				
I	3	Local	JetFlash Transcend 8GB 8.	7659	Basic	976	255	63				
I	80	Local	0S Volumes	68823	Basic	17478	128	63				
Ľ												
				100		-						
			<u>0</u> K		Cancel							