Test Number 2: Detection of residual traces in free space

Step 1: Download the free version of SDelete from the Microsoft website (<u>http://technet.microsoft.com/en-us/sysinternals/bb897443</u>). Unzip the downloaded file to a directory. For ex: "c:\SDelete"

Step 2: Go to the directory where your SDelete file is located. Select a drive to run SDelete on. Please select second internal drive instead of C: drive. For ex: D: drive. Reset the selected drive to zero free space with SDelete by using option -z to zero current drive free space. Please type "SDelete -z <drive>" and click enter to start the SDelete.

_ O X C:\Windows\system32\cmd.exe c:\SDelete>sdelete -z D:∖ SDelete - Secure Delete v1.6 Copyright (C) 1999-2010 Mark Russinovich Sysinternals - www.sysinternals.com SDelete is set for 1 pass. Free space cleaned on D:\ 1 drives zapped c:\SDelete>

Step 3: Now please launch PrivaZer software and select "2nd internal storage drive" and click OK.



Step 4: In order to scan only "Traces in free space", please uncheck "Select all" and check "Traces in free space" check box and then click on "Scan" button. (Note: When "Traces in free space" is selected, "Pre-analysis" as well gets selected by default).

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elect scans		
Z () Traces in free space	of previous files in the free space	
] <u>要要</u> System (Recycle bin,)] <u>Select all</u>	and free sectors to reset to zero	
	Learn more >	
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Start cleaning Shutdown PC after cleaning		

Note that while scanning an info pop up gets displayed explaining how even new hard drives are not free of residual traces in free space.

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RECOVERY (D:) Free sector n° 487 () () Pre-analysis (1 () () Traces in free	73368 Residual traces in free space	
☐ <u>Select all</u>	Info You may even find residual traces in free space of new hard drives . The reason is that manufacturers perform write tests on disk sectors by writing non-zero data before delivering them to customers. Ok	
Start cleaning	1 min 02 s	
Cancel	Scan 💿	

Step 5: The results of the scan for "Traces in free space" for "2nd internal storage drive" will be shown in the window as below.

PrivaZer detects no residual traces in the free space as set by SDelete.

