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USING 7ZIP GUIDED EXERCISE

TO START, PLEASE DOWNLOAD 7ZIP FROM https://www.7-zip.org/download.html

Prior to installation, verify the hash value to the known good from the syllabus for students enrolled in the HMFA Virtual Live course. The MD5 hash value for the 7z2201-x64.exe is a6a0f7c173094f8dafef996157751ecf

Right click on file, select "7-zip" and then "Extract Here"

ne	Date modified	Туре	Size	
2022 CTF - iOS Full File System.zip	2/7/2022 9:01 AM	Compressed (zipped) F	4,601,527 KB	
	Open Open in new tab Open in new window Pin to Quick access			
-	Add to Favorites Extract All 7-Zip	> Open archive		
	AxCrypt Select Left Folder for Compare	Open archive Extract files Extract Here	-	>
t	Scan Shred	Extract to 2022 CTF - Test archive	iOS Full File System*	
2	Pin to Start AES Encrypt Edit with Notepad++	Add to archive Compress and email Add to "2022 CTF - iO:	5 Full File System_2.7z*	
1	Sign and encrypt More GpgEX options	Add to "2022 CTF - iO"	F - iOS Full File System_2.7z* and email S Full File System_2.zip* E - iOS Full File System 2 tin* and email	a
		LUTIDIES ID 20221	F - ICLS FIGH FIRE SYSTEM 6 FILL MARK FILLS	





The extraction may take a few minutes to complete.

Elapsed time:	00:00:18	Total size:	8	8317 M
Remaining time:	00:02:11	Speed:		55 MB/
Files:	1	Processed:	81	1009 M
		Compressed size:		682 M
		Compression ratio:		67
Extracting				
fb028ddefa8af7df5b12d3e729	f075d150637a31_files_full.zip			
b028ddefa8af7df5b12d3e729	f075d150637a31_files_full.zip			

"Double Click" the extracted file to open its contents.

> T7 Shield (E:) > Archive > Archive > Walkthrough

Name	Date modified	Туре	Size
Jess_CTF_iPhone8	2/14/2022 2:45 PM	File folder	
📨 2022 CTF - iOS Full File System.zip	12/7/2022 9:01 AM	Compressed (zipped) F	4,601,527 KB

There is another zipped file within this folder that needs to be extracted.

I/Shield (E:) > Archive > Archive > Walkthrough > .	less_CTF_IPhone8		
Name	Date modified	Туре	Size
E fb028ddefa8af7df5b12d3e729f075d150637a31.pdf	2/14/2022 2:43 PM	Adobe Acrobat Docum	70 K
🚈 fb028ddefa8af7df5b12d3e729f075d150637a31_files_full	2/14/2022 2:34 PM	Compressed (zipped) F	8,515,278 K
b028ddefa8af7df5b12d3e729f075d150637a31_keychai	2/14/2022 2:43 PM	PLIST File	1,29 <mark>9 K</mark>
fb028ddefa8af7df5b12d3e729f075d150637a31_passwor	2/14/2022 2:43 PM	Text Document	54 KI
fb028ddefa8af7df5b12d3e729f075d150637a31_pchistor	2/14/2022 2:43 PM	Text Document	1 KI



Repeat the first step, right click and select "7-zip" and then "Extract Here."

ne	Date modified	Туре	Size
fb028ddefa8af7df5b12d3e729f075d150637a31.pdf	2/14/2022 2:43 PM	Adobe Acrobat Docum	70 KB
fb028ddefa8af7df5b12d3e729f075d150637a31_files_full	2/14/2022 2:34 PM	Compressed (zipped) F	8,515,278 KB
b028ddefa8af7df5b12d3e729f075d150637a31_keychai	2/14/2022 2:43 PM	PLIST File	1,299 KB
b028ddefa8af7df5b12d3e729f075d150637a31_passwor	2/14/2022 2:43 PM	Text Document	54 KB
b028ddefa8af7df5b12d3e729f075d150637a31_pchistor	2/14/2022 2:43 PM	Text Document	1 KB
Open Open in new tab Open in new window Pin to Quick access Add to Favorites			
7-Zip	>	Open archive	
AxCrypt	>	Open archive	
School of Endedand		Extract files	
- Select Left Polder for C	ompare	Extract Here	
Scan		Extract to "fb028ddefa8af7df5b	o12d3e729f075d150637a31_files_full*
Shred		Test archive	
Pin to Start		Add to archive	
🔫 AES Encrypt		Compress and email	
Edit with Notepad++		Add to "fb028ddefa8af7df5b12	d3e729f075d150637a31_files_full_2.7z*
Sign and encrypt More GogEX options	>	Compress to "fb028ddefa8af7d Add to "fb028ddefa8af7df5b12	H5b12d3e729f075d150637a31_files_full_2.7z" and emai d3e729f075d150637a31_files_full_2.zip"

This may take a few minutes to complete.

Elapsed time:	00:00:04	Total size:	82	272 M
Remaining time:	00:17:24	Speed:	808	BO KB
Files:	310	Processed:	32	830 K
		Compressed size:	32	830 K
		Compression ratio:		100
Extracting				
private\var\mobile\Library\(aches\CloudK 7ce5e7e7d75f9	25bc5a39d211a62f094\Records)		
JCS.db				
	Background	Pause	Cancel	
	Background	Pause	Cancel	



Resulting Files, the "private" folder will be processed through Autopsy.

> T7 Shield (E:) > Archive > Archive > Walkthrough > Jess_CTF_iPhone8

Name	Date modified	Туре	Size
E fb028ddefa8af7df5b12d3e729f075d150637a31.pdf	2/14/2022 2:43 PM	Adobe Acrobat Docum	70 KB
Diagonal States and St	2/14/2022 2:34 PM	Compressed (zipped) F	8,515,278 KB
b028ddefa8af7df5b12d3e729f075d150637a31_keychai	2/14/2022 2:43 PM	PLIST File	1,299 KB
fb028ddefa8af7df5b12d3e729f075d150637a31_passwor	2/14/2022 2:43 PM	Text Document	54 KB
fb028ddefa8af7df5b12d3e729f075d150637a31_pchistor	2/14/2022 2:43 PM	Text Document	1 KB
📁 private	2/16/2023 8:50 AM	File folder	

