

IF Data Handling Client Tools (ifdhc) - Bug #24545

WebAPI broken redirects

06/17/2020 04:47 PM - Dmitrii Torbunov

Status:	New	Start date:	06/17/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Description			
Hello,			
I have encountered bug with using WebAPI to retrieve information from the samweb servers. The overall issue looks like this:			
1. WebAPI sends a GET request via http to `samweb.fnal.gov`			
2. `samweb` redirects to the https version and sends a new location in the http header.			
3. WebAPI incorrectly parses new location -- the location gets truncated.			
4. WebAPI retries GET request using the new incorrectly parsed https location and fails.			
The log of the connection is attached.			
The issue is caused by a small buffer size WebAPI.cc:443: `_fromsite.getline(buf, 512);` which truncates redirect link at 512 characters.			

History

#1 - 06/22/2020 01:43 PM - Marc Mengel

Actually, in the latest version we should be going straight to https:, and thus never hit this redirect.

But I'll look at making sure we read the whole redirect in future releases.

#2 - 06/22/2020 04:10 PM - Marc Mengel

change is in [593ee3b4af46](#)
if there's no new line in the Location: read, keep looking...

#3 - 06/22/2020 05:08 PM - Dmitrii Torbunov

Thank you!

Files

samweb	4.78 KB	06/17/2020	Dmitrii Torbunov
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