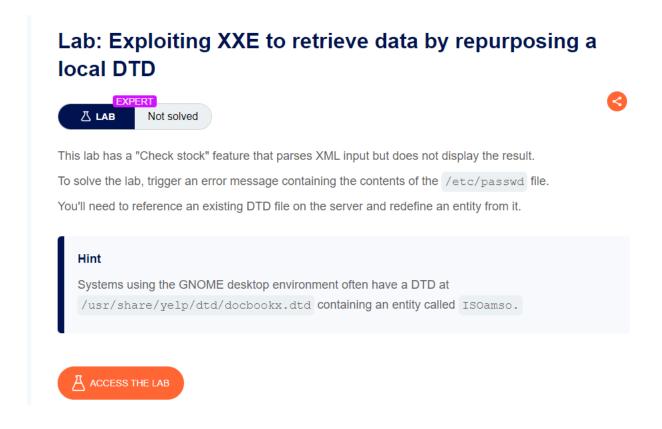
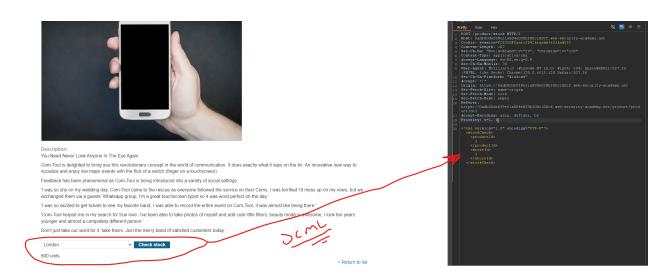
[XXE] Lab: Exploiting XXE to retrieve data by repurposing a local DTD

https://portswigger.net/web-security/xxe/blind/lab-xxe-trigger-error-message-by-repurposing-local-dtd



• First let map out the application by visiting all the functionality as well as the product pages, and see what kind of traffic it is generating in our burp proxy.

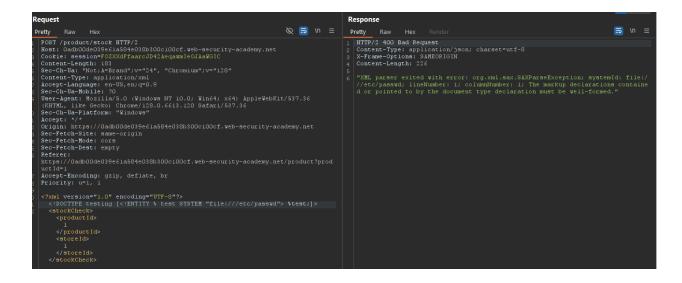




When looking at the product page we can see a check stock functionality that
is using XML to submit data in a HTML POST request, this could possible lead
to a vulnerability in the way that the application is parsing the XML to where
we can create our own entity to request arbitrary files.

Lets fuzz this a bit:

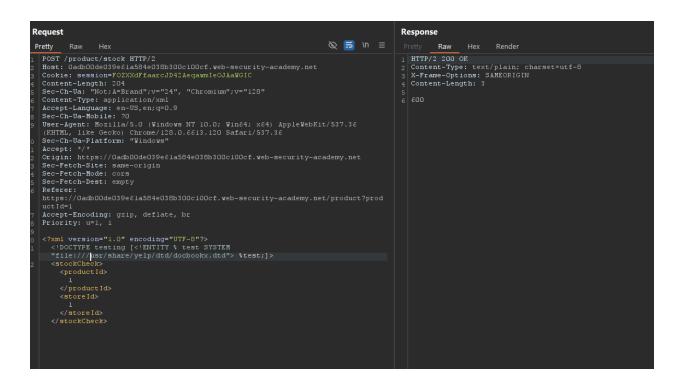
- It looks like the error for the parser isn't being returned to us.
- I am trying to trigger an error that will return some type of useful information to me so I can solve this challenge next what I will do is define my Enitity: https://github.com/GoSecure/dtd-finder



OK what if we provide an invalid file?

 now we know that the application is responding differently depending on whether the file is valid or not.

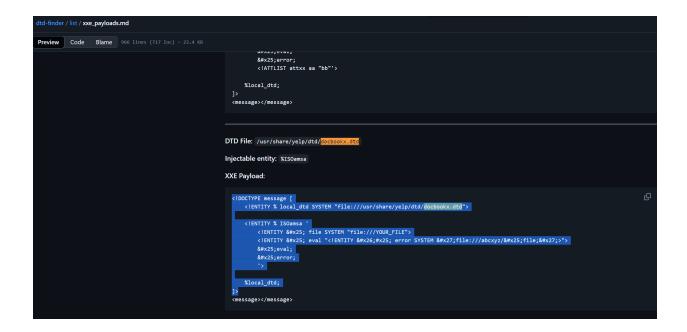
Now let me request:



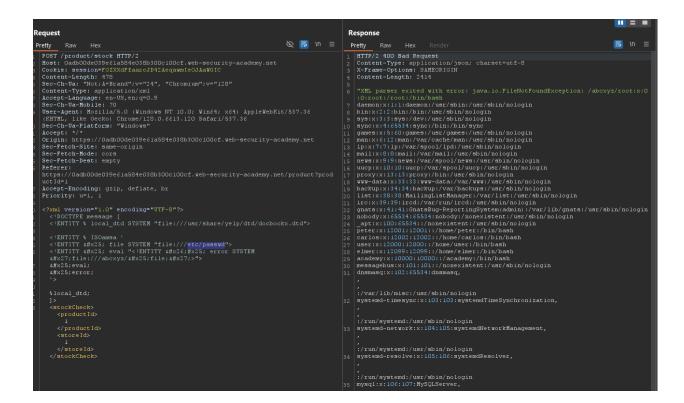
this ended up working, lets see if we can overwrite this DTD inside of the

docbookx.dtd

• I was able to find exploit online at:



• with this we can just change the payload a little to request /etc/passwd but beside that it will be using the ISOamsa entity and overwriting it by injecting new content into it.



done lab solved!

