

# How to Rewind the Clock on any Schoology/AP Classroom Assessment

Have you ever needed more time on an online test? Rewind the test timer by exploiting a digital vulnerability in this easy step-by-step guide!

*Recommended Browser for this tutorial: Chrome on Windows 10*

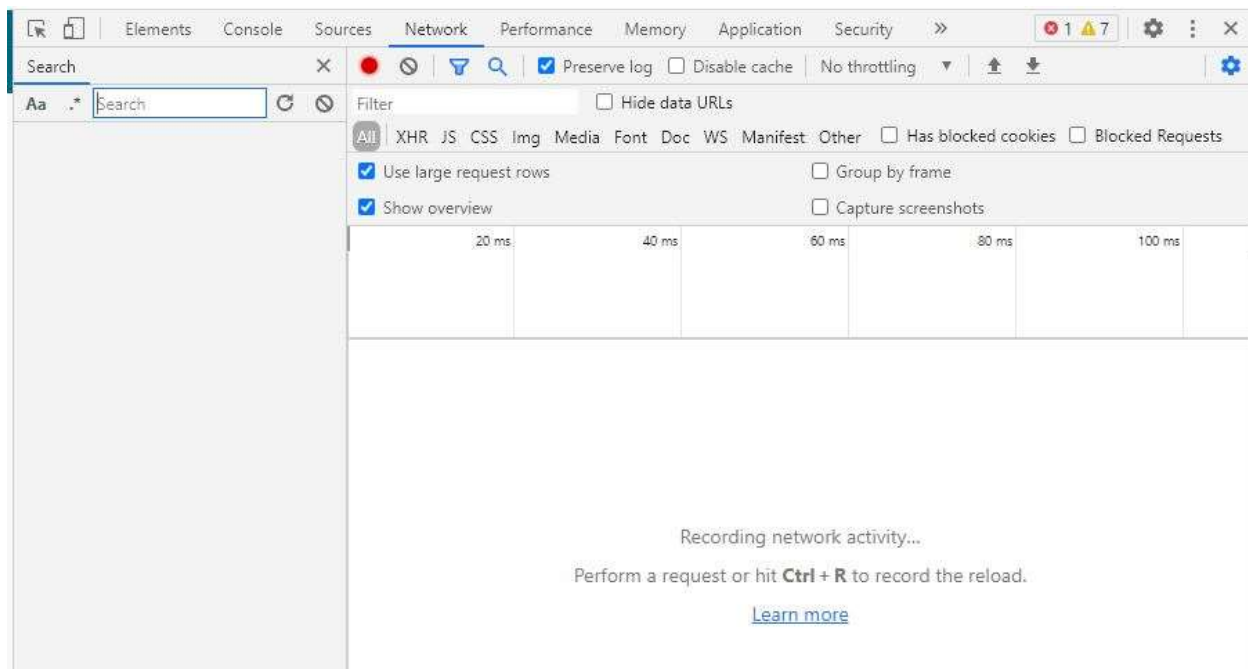
## Step 1:

Start your assessment and press “F12”.

A special debugging window should open up on the right-hand side of your screen. On some browsers, this window will be located towards the bottom of the screen.

Regardless of which browser you are using, after this window is open, navigate to the “Network” tab.

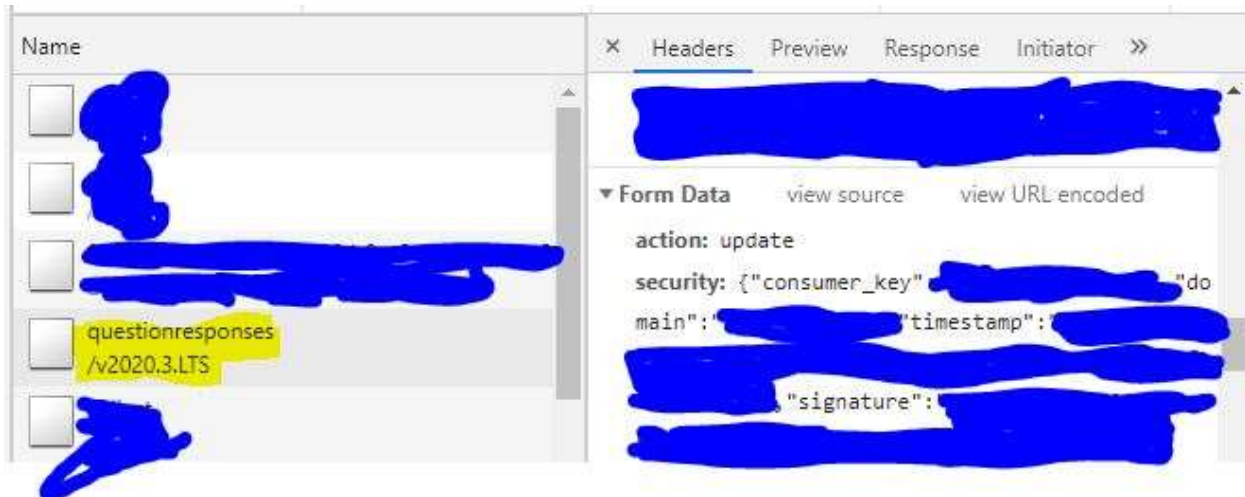
See image below as an example of what your screen should look like.



*For educational purposes only. The Author of this document does not condone any unlawful or unethical actions which may be performed in correlation with this document.*

## Step 2:

After you have opened the Network tab of the debug window, locate an entry named “questionresponses”. This entry will appear after 1-3 minutes after you started your test. Putting some work on your test may cause this entry to appear faster.



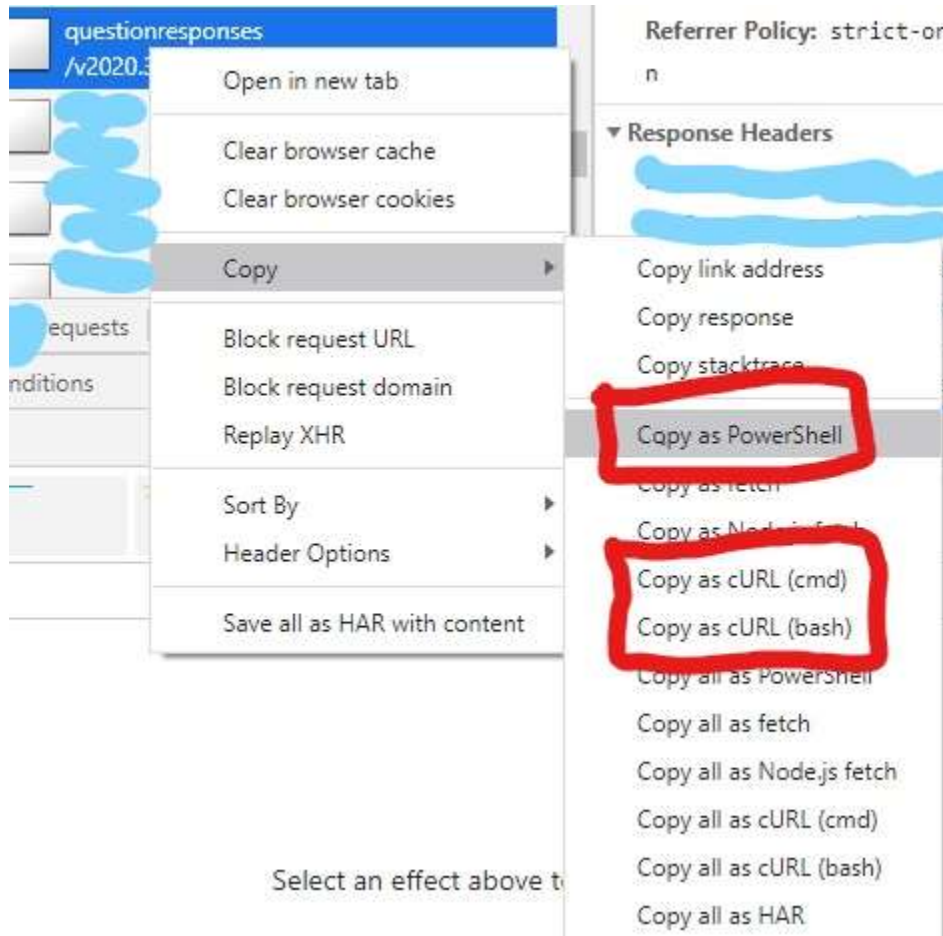
Note that different versions of *questionresponses* may appear during your test. We’re looking for a version with the “*current\_time*” parameter located within its data. You can see if you’re looking at the right version by simply making sure that “*current\_time*” shows up within your particular entry. Entries containing “*current\_time*” are usually longer in length than entries which don’t contain it.

If you don’t have the right entry, simply keep working on your test until the correct entry appears in the Network tab.

## Step 3:

After you have located the correct *questionresponses* entry...

1. Right-click on the entry...
2. Hover over “Copy” ...
3. Click on “Copy as PowerShell”. For Mac/Linux users, you can use “Copy as cURL (bash)”.



## Step 4:

After you have copied the correct entry to your clipboard, paste the entry into any text editor (e.g Notepad or Microsoft Word).

You should see a system command followed by a large collection of encoded text.

```
Invoke-WebRequest -Uri [REDACTED]
-Method "POST"
-Headers @{
"method"="POST"
"authority"="questions.learnosity.schoology.com"
"scheme"="https"
"path"=[REDACTED]
"sec-ch-ua"="[REDACTED]"
[REDACTED]
[REDACTED]
"origin"="https://questions.learnosity.schoology.com"
"sec-fetch-site"="same-origin"
"sec-fetch-mode"="cors"
"sec-fetch-dest"="empty"
"referrer"="https://questions.learnosity.schoology.co[REDACTED]"
"accept-encoding"="gzip, deflate, br"
"accept-language"=[REDACTED]
}
-ContentType "application/x-www-form-urlencoded; charset=UTF-8"
-Body "action=update&security=%7B%22
```

*This example is using Powershell.*

The text which you now see before you, represents a Schoology assessment autosave written in the format of a system command. Pasting this into a Powershell or Mac/Linux Terminal will initiate the equivalent to an assessment autosave. This is what we will hijack in order to rewind the assessment timer!

## Step 5:

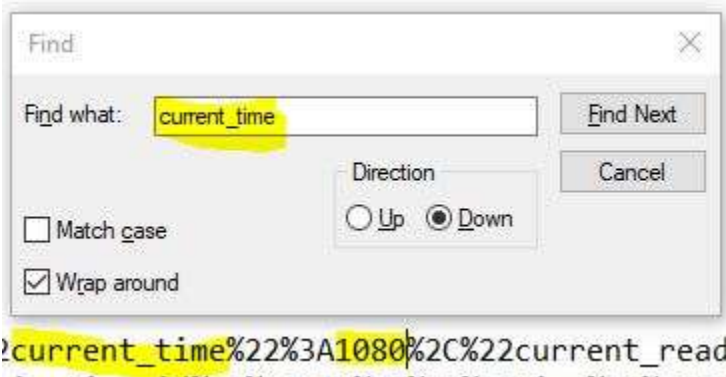
Use Ctrl + F within your text editor to find the “current\_time” parameter mentioned earlier.

You should see the parameter located within the large chunk of text, followed by a specific integer value. (In this case, it’s “1080”)

This integer value represents the number of seconds which have passed on your assessment since you started the test.

*[Number of minutes passed] \* 60 = [“current\_time” value]*

Modify this number to your liking. In our case, we can reset our timer to 30 seconds by simply replacing “1080” with “30” in the image shown below.



After applying the change, your screen should look something like this:



## Step 6:

You have reached the final step!

Simply paste the entire contents of your text editor into Powershell and hit *Enter* (for Mac/Linux users, use Terminal instead).

If you followed each step correctly, your computer should return this:

```
StatusCode      : 200
StatusDescription : OK
Content         : {"meta":{"status":true,
```

*StatusCode* 200 indicates that our 'fake' autosave worked!

Now refresh your assessment page. The changes should be applied in your test timer!

We have tricked the Schoology server into thinking that less time has passed on your assessment than what really has!

Congratulations! You now know how to rewind the test timer on any Schoology or AP Classroom assessment!