

Data Enabling HAR Script

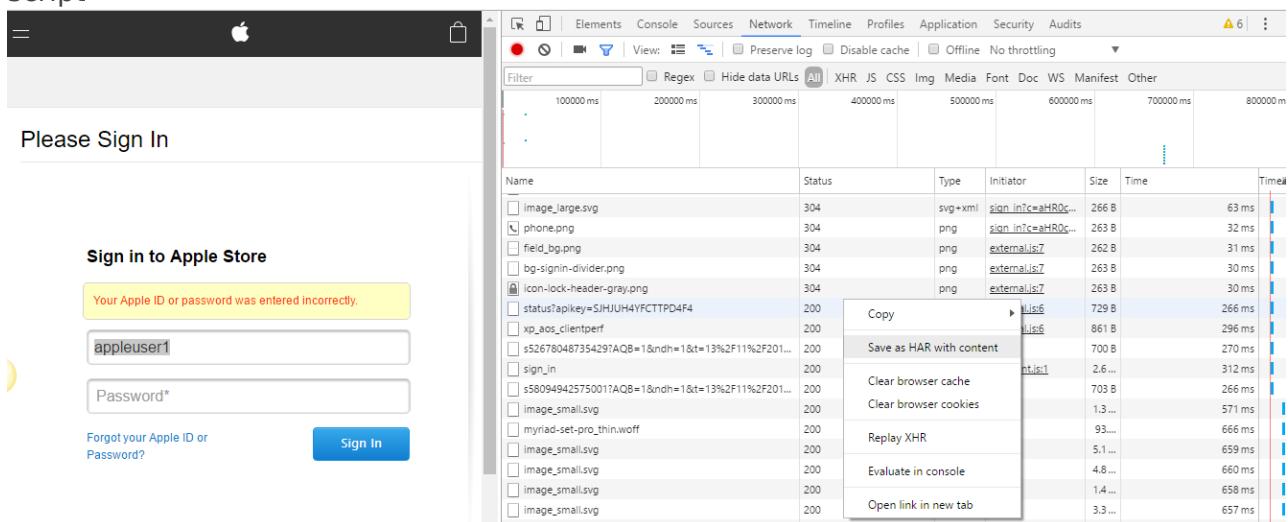
Data enabling HAR scripts for Web applications:

Appvance IQ implements a Data Production Library (DPL) as an extensible framework to provide operational test data to test script runners at test runtime. The DPL framework is general in that data may be input from a variety of sources, including a relational database, comma-separated-value file, and data generating objects. A DPL also provides a safe way to store data between test steps. Appvance IQ comes with pre-built DPLs and makes it easy for software developers to add their own custom DPLs.

In our case, we will be using the "CSV" datasheet to data enable the HAR script.

The steps that need to be followed while data enabling HAR scripts are as below:

1. Record the script with username and password on the Chrome Browser and save the script



2. Open the saved script and search for the username/password you have entered in the URL and create a .CSV sheet with the entered username and password as a header in the CSV sheet and give the desired number of usernames and passwords below the headers.

For example:

If the user has used appleuser1 as the Username and appleuser@123 as the password.

Then the user needs to replace 'appleuser1' and 'appleuser%40123' (please see the below instruction for any special character used in the password) in the HAR script which will be used as a Header in the CSV sheet.

	A	B
1	appleuser1	appleuser%40123
2	user1	pass1@123
3	user2	pass2@123
4	user3	pass3@123
5		

Also, make sure if there are any special characters in the password we need to replace it with the corresponding value with respect to the HAR script

For example:

1. ! = %21

1. @ = %40

NOTE: If the Password is appleuser@123 the entry in the csv sheet should be appleuser%40123

For more information on the special characters and the corresponding value to be used in the script refer to [Special Character value to be replaced in HAR script.](#)

3. User can now upload the .HAR script and .csv sheet in Appvance Scenario Builder.

The screenshot displays the Appvance Scenario Builder interface. The top navigation bar includes 'File', 'New-Scenario', and 'Play Scenario'. The left sidebar shows 'Dashboard', 'Record', 'Build', 'Scenario Editor', 'DS3.0 Edit & Play', 'AI Driven', and 'Play'. The main area is divided into two tabs: 'Resources' and 'Har Testing'.

In the 'Resources' tab, the 'Data Sources' section shows a 'Type' dropdown set to 'Hash DPL - Reads CSV, provides Map dictionary' and a 'Name' field set to 'apple_login'. A 'Data Source' field is set to 'Data.csv' with a 'Browse' button. An 'Add DPL' link is at the bottom right.

In the 'Har Testing' tab, the 'Script' section shows a 'Script Name' field set to 'Har Script', a 'Script Type' dropdown set to 'HAR', and an 'Instance' field set to 'undefined'. A 'Resource' field is set to 'appvancehar.har' with a 'Browse' button. Below this, a 'Name' field is set to 'Untitled1' and a 'Select DPL' dropdown is set to 'apple_login'. An 'Actions' dropdown is set to 'Get Next Row of Data'. An 'Add DPL' link is at the bottom left. The 'Teardown' section is empty, with an 'Add Teardown' link at the bottom right.

Choose the Script type as HAR and name the test

Choose the HAR script and select

Upload the CSV sheet in Resources Tab and choose the Action as "Next row of Data" by clicking Add DPL in Test Cases tab

Save and play the scenario

4. Check the script execution in the AIQ controller
you can also monitor if the script is replacing the appropriate values through the Appvance IQ controller by Clicking on Test case(s) Executions and selecting the result and clicking on Output.

```
Replacing appleuser%40123 with pass1@123
Replacing appleuser1 with user1
POST : https://secure1.store.apple.com/shop/sentryx/sign_in
GET: https://securemetrics.apple.com/b/ss/applestoreww,appleglobal,applestoreamr,applestoreus/1/H.27.5
/s58094942575001?AQB=1&ndh=1&t=13%2F11%2F2016%2011%3A2%3A27%20%20-330&
fid=2DC9D2558FFAB0F1-31E586A0B4775DD1&ce=UTF-8&pageName=AOS%3A%20Checkout%20Sign%20In&g=https%3A%2F
%2Fsecure1.store.apple.com%2Fshop%2Fsign_in%3Fc%3DaHR0cDovL3d3dy5hcHBsZS5jb20vfDFhb3MyMjAwMjBjMWVjN2RhMGY2Nz
cc=USD&v3=AOS%3A%20US%20Consumer&c4=D%3Dg&v4=D%3DpageName&c5=win32&c6=D%3D%22%3A%20%22
%2BpageName&c8=AOS%3A%20account&c14=D%3DpageName&c19=AOS%3A%20US%20Consumer
%3A%20Checkout%20Sign%20In&v19=D%3Dc19&c20=AOS%3A%20US%20Consumer&v25=AOS%3A%20Login%20%7C%20Checkout
%20%7C%20%20%7C%20%20%7C%20Your%20Apple%20ID%20or%20password%20was%20entered%20incorrectly.&c40=10078&
pe=lnk_o&pev2=%20%7C%20%20%7C%20Your%20Apple%20ID%20or%20password%20was%20entered%20incorrectly.&
s=1366x768&c=24&j=1.6&v=N&k=Y&bw=1122&bh=662&
p=Shockwave%20Flash%3BWidvine%20Content%20Decryption%20Module%3BChrome%20PDF%20Viewer%3BNative%20Client%3E
< >
< >
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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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