

Data enabling HAR scripts for Web URL in Appvance IQ

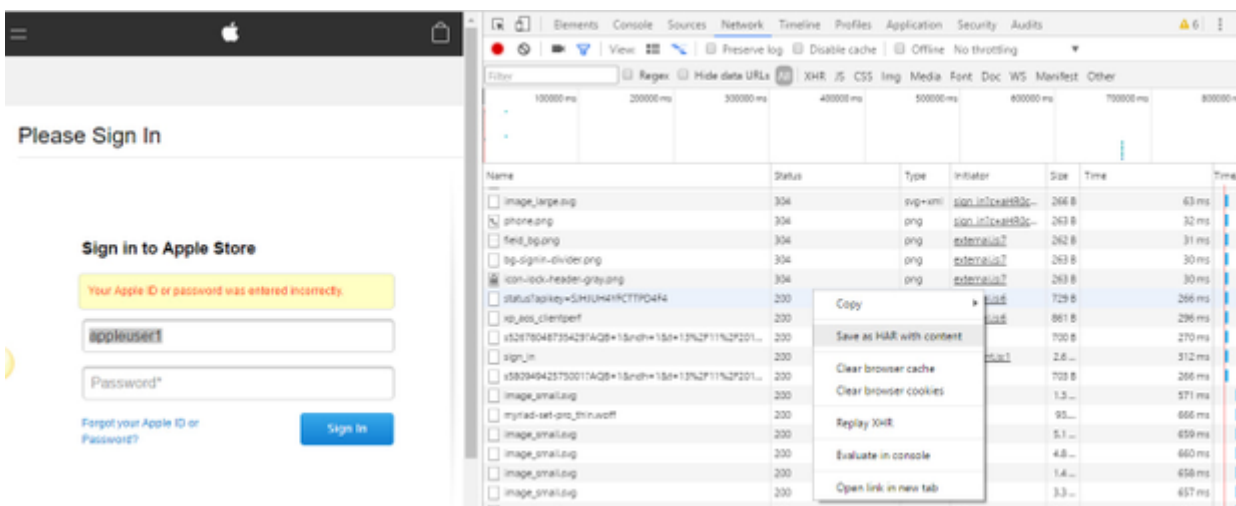
Data Enabling HAR scripts for Web:

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 "CSV" data sheet to data enable in HAR script.

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

1) Record the script with username and password on 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 header in CSV sheet and give desired number of usernames and password below the headers.

For Ex:

If I have used appleuser1 as the Username and appleuser@123 as the password. Then we need to replace the appleuser1 and appleuser%40123 (please see below instruction for any special character used in the password) in the HAR script which will be used as 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 corresponding value with respect to HAR script

For ex:

1) ! = %21

2) @ = %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, see [Special Character value to be replaced in HAR script.](#)

3) We can upload the .HAR script and .csv sheet in Appvance Scenario Builder.

The screenshot displays the Appvance Scenario Builder interface. On the left is a sidebar with navigation options: Info, Test Management, Test Cases, Locations, Monitors, Resources (highlighted), and Options. The main area is titled 'Data Sources' and contains a form for adding a new data source. The form has fields for 'Type' (set to 'Hash DPL - Reads CSV, provides Map dictionary'), 'Name' (set to 'apple_login'), and 'Data Source' (set to 'apple_login.csv'). A 'Browse' button is next to the Data Source field. Below the form is a link to 'Add Data Source'.

Below the Data Sources section, there is a section for adding a script. It includes a form for 'Script Name' (set to 'secure1.store.apple.com1'), 'Script Type' (set to 'HAR'), 'Resource' (set to 'secure1.store.apple.com1.har'), and 'Instance' (set to 'undefined'). A 'Browse' button is next to the Resource field. Below this form is a link to 'Add Setup'.

Below the script section, there is a form for adding a DPL. It includes fields for 'Name' (set to 'appl_login'), 'Select DPL' (set to 'apple_login'), and 'Actions' (set to 'Get Next Row of Data'). A link to 'Add DPL' is at the bottom left of this form.

At the bottom of the interface, there are links to 'Add Script' and 'Add Teardown'.

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 IQ 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 select the result and click 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%202%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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