# AAC\_master-privatePayHHA Active Client.jmx – ReadMe

## AAC Alayacare Rollout - P00269 – This project was completed through:

## Test Environment: Stage

### Creating a New Client – PENDING STATUS

### Active Client has a Created Service - ACTIVE

### A Pending Client status is changed to - ACTIVE

### Employee Visit is Scheduled with the Active Client – VISIT SCHEDULED

The client visit is set to 5 mins. This will create the visit but then cancel it at the end of the test. This will help with test clean-up. Ideally, we would like to create a set of employees to use with an actual load test and increase the visit time to at least 240 mins (default time).

### Custom Billing Rate

Not Started but can be scripted in this project with the Recording Controller.

This project has one csv datasheet with the names of the new clients to be create by the JMeter script. This file is located in the [SQA Performance Testing](https://rowlf.heroes.bayada.com/sqa/sqa-performance-testing) project in GITLAB in the same directly as the JMeter Projects.

A screenshot of a computer

Description automatically generated

The data file name is:

AAC\_HHA\_ClientNames.csv

A screenshot of a computer

Description automatically generated

## Project Execution - ACC\_master-privatePayHHA Active Client.jmx

### User Defined Variables – There variables are set primarily with functions that update once each time the Thread Group executes. You don’t need to do anything to these variables at runtime.

A screenshot of a computer

Description automatically generated

### Execution Thread Group – The execution thread Group that should be used is: Thread Group - Create Private Payor Client - Schedule - Employee Visit - Master

## A screenshot of a computer Description automatically generated

### Master Data Validation – Please refer to the masterdata Validation ReadMe file for more **details on changing the token for MasterData** at runtime.

A screenshot of a computer

Description automatically generated

### Running Tests:

Make sure that only the Thread Group you want to execute is enabled. Enable a Thread Group by right-click on the Thread Group and select ‘Enable’. Disabled Thread Groups are grayed out.

A screenshot of a computer

Description automatically generated

### Validating a Script is Working – Select View Results Tree and click the Green arrow to start the test execution. You will see 2 types of errors that are valid responses.

1. The 404 errors are checks in the database make sure that the client doesn’t already exist in the database and also that they are not eligible for medicare.
2. This is a MasterData error message in the MasterData loop. It waits 3 seconds and then checks to see if the client is visible. IF YOU SEE A RESPONSE LIKE THIS YOU NEED A TOKEN. Refer to Master Data Read Me.

A screenshot of a computer

Description automatically generated

### Runtime Activities:

When you have validated everything is working (especially MasterData). Select the Aggregate Report and make sure that the data is being collected. Make sure to disable the Debug Sampler and the View Results Tree as these reports will skew your results.

From the Thread Group interface select the number of Threads you want to execute and the ramp up rate and set the loop to infinite (only when you are running a test)

A screenshot of a computer

Description automatically generated

When you have completed the runtime tasks save and close the project file.

## Command line test execution:

The best way to execute the performance test is from the command line. Apache JMeter don’t not run through Windows operating system, so you need to open the project file and store the project file from inside the JMeter application folder. JMeter is a java application so you will need to install the correct JDK package to use it. Refer to the Apache website for product requirements and dependencies. Save the JMeter folder to your C Drive and get the path. The project .jmx file, data file(.csv) and results.csv file need to be in the bin directory C:\apache-jmeter-5.5\apache-jmeter-5.5\bin

When you have done this, you are now ready to execute the test from the command line and create an html report. In the bin directory create a folder for the reports.

A screenshot of a computer

Description automatically generated

From the command line go to the bin folder in the apache-jmeter-5.5 files directory

D:\apache-jmeter-5.5\apache-jmeter-5.5\bin>

A black screen with a black background

Description automatically generated

From there enter the following command line statement:

jmeter.bat -n -t “AAC\_master-privatePayHHA Active Client.jmx” -l “results.csv” -e -o /JmeterTestReports

If your files are not in the bin folder you need to use fully qualified paths like below

Windows os with html reports:

C:\Users\Public\Desktop\SQA\apache-jmeter-5.5\bin\ > jmeter -n -t "C:\Users\Public\Desktop\SQA\apache-jmeter-5.5\bin\”privatePayHHA Action Client.jmx" -l "report1.csv" -e -o "privatePayHHA Results"

A screen shot of a computer

Description automatically generated

You will see the display above when the test is executing.

## Reporting:

Once you have executed the test from the command prompt the html report will generate in the Results folder.

A screenshot of a computer

Description automatically generated

The report looks like this.

A screenshot of a computer

Description automatically generated

From the UI check and see the last Client create by searching for the naming convention. In AAC it is PerfPrivatePayHHA\_<number>. Remove them from the test datasheet before executing any additional tests.