

EPD FAQ

Category	ePaper Manager	Date	2021/3/30
Keyword	EPD-023, EPD-053, EPD-132, ePaper Manager		

■ **Question:**

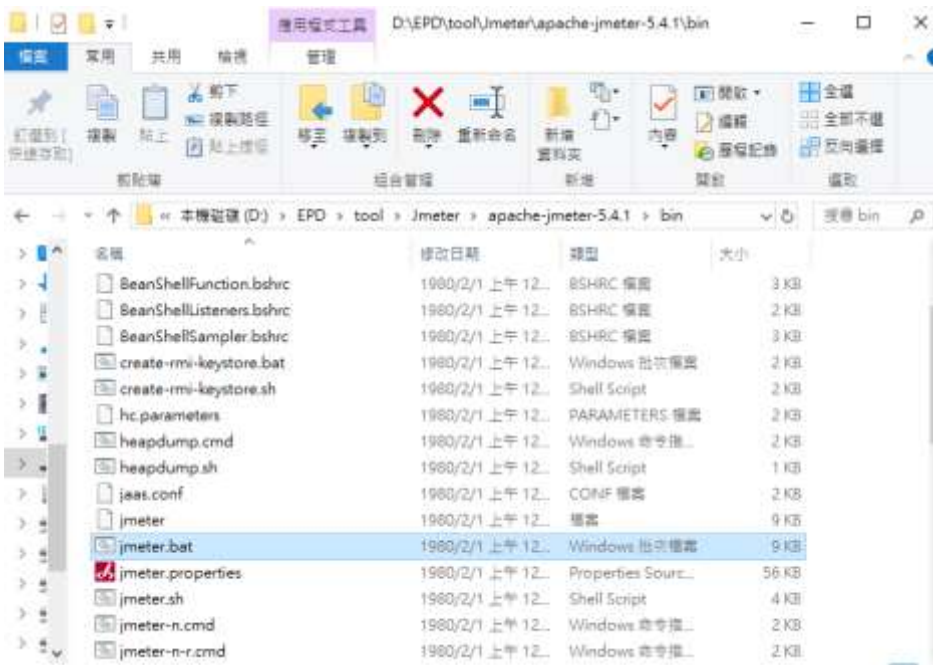
How to use jmeter to test ePaper Manager API?

■ **Suggestion:**

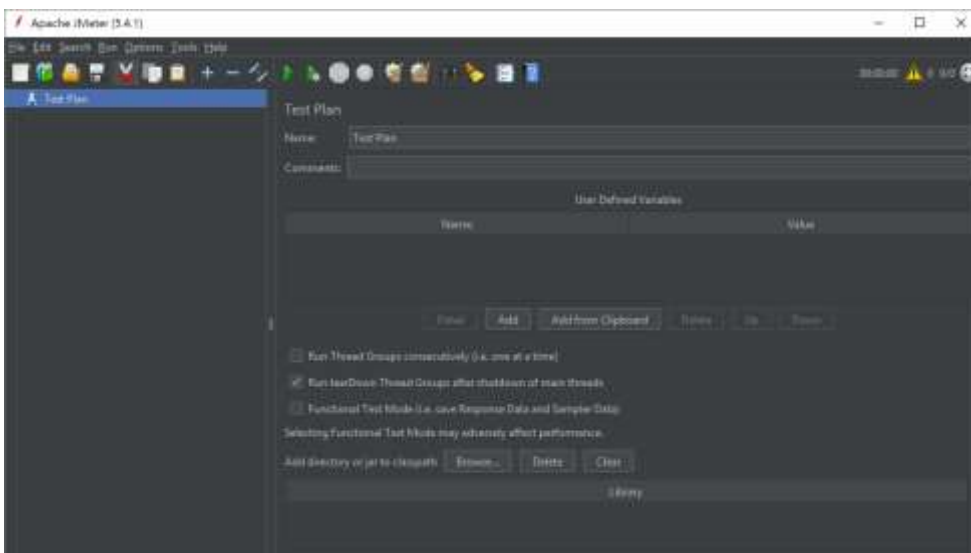
Jmeter is a power tool to test RestFul API. You can download from below URL:

[apache-jmeter-5.4.1.zip](#)

Step 1: Unzip the file and go to the file. Find “jmeter.bat” in the file and click it.



Step 2: You will see the jmeter window as below.

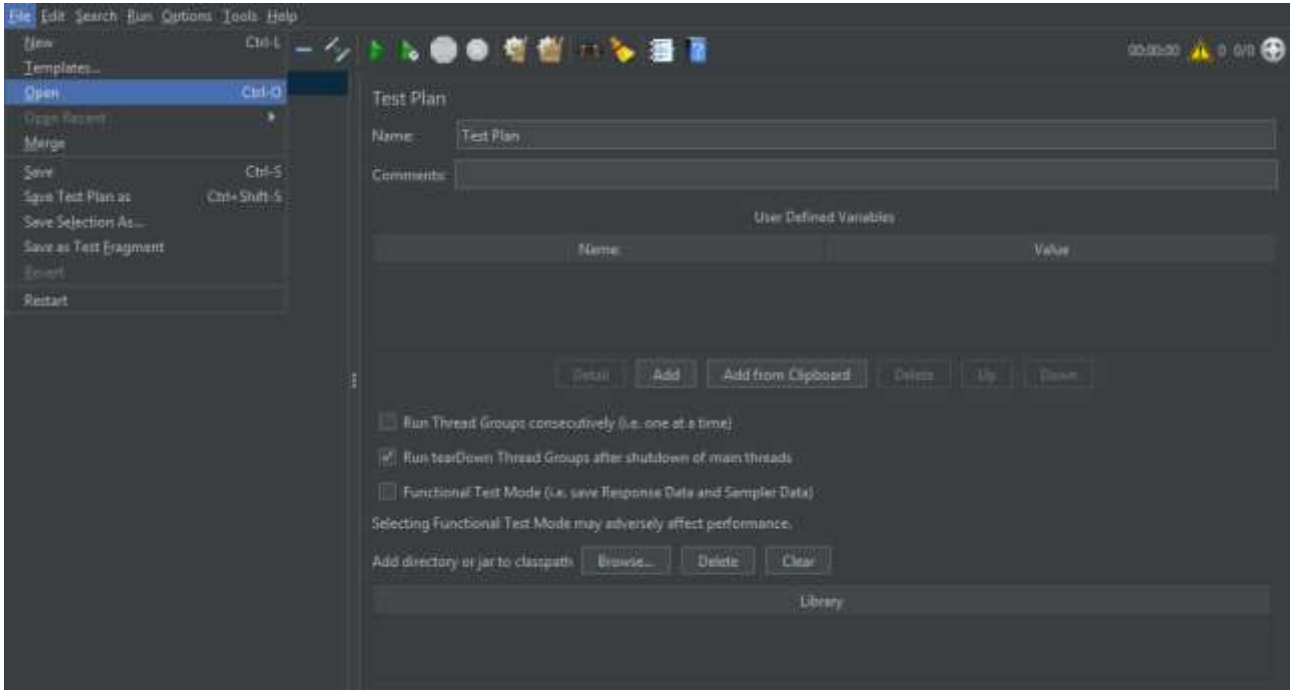


Step 3. The below file is jmeter project file. We have been added some test API in this project.

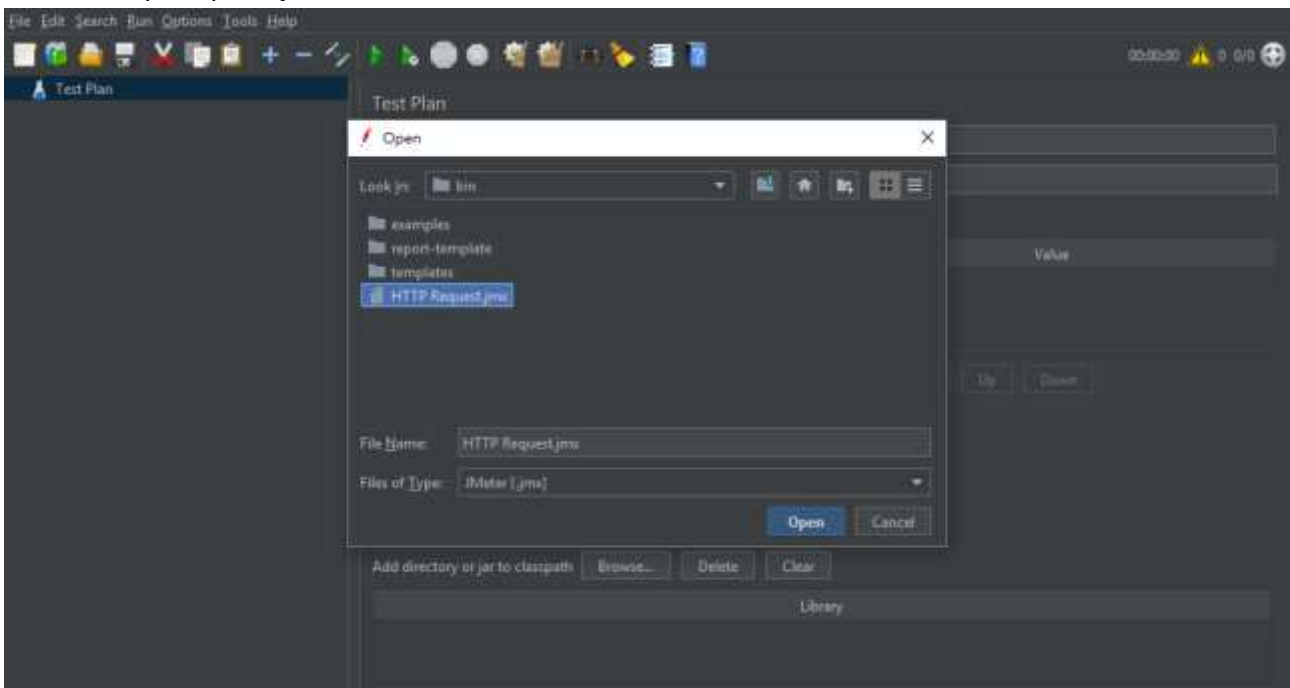


HTTP Request.jmx

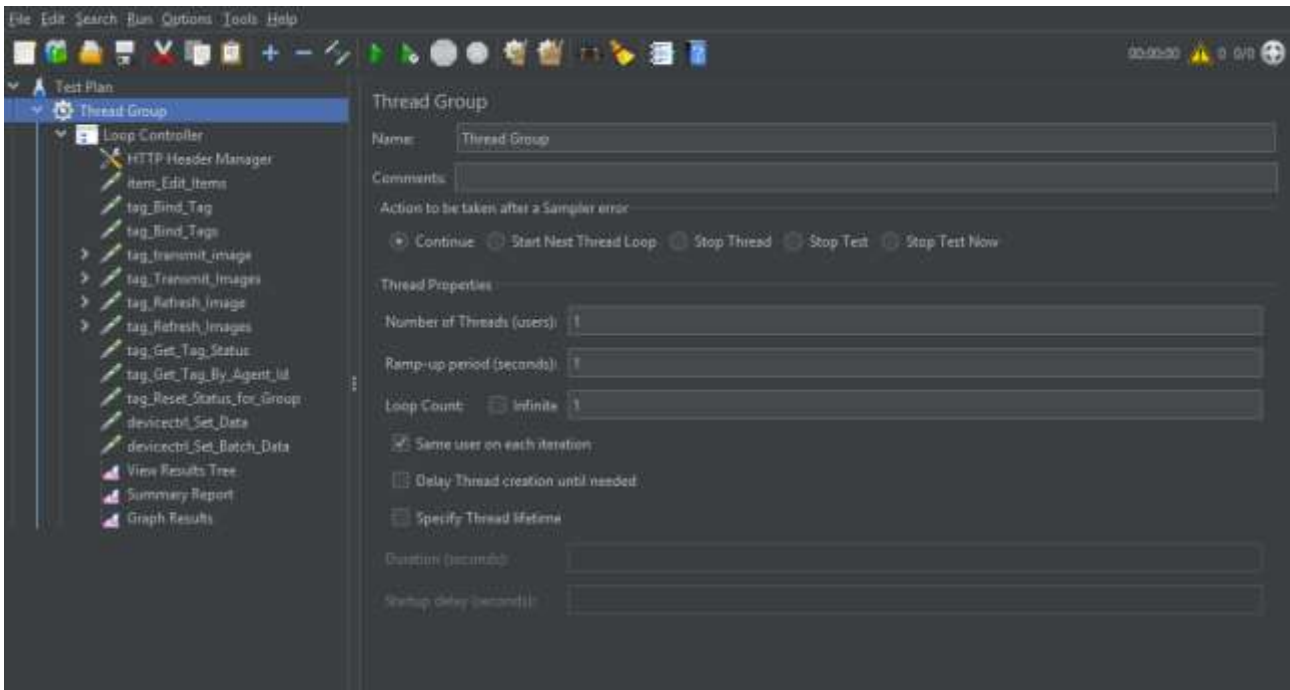
Import the file to the jmeter.



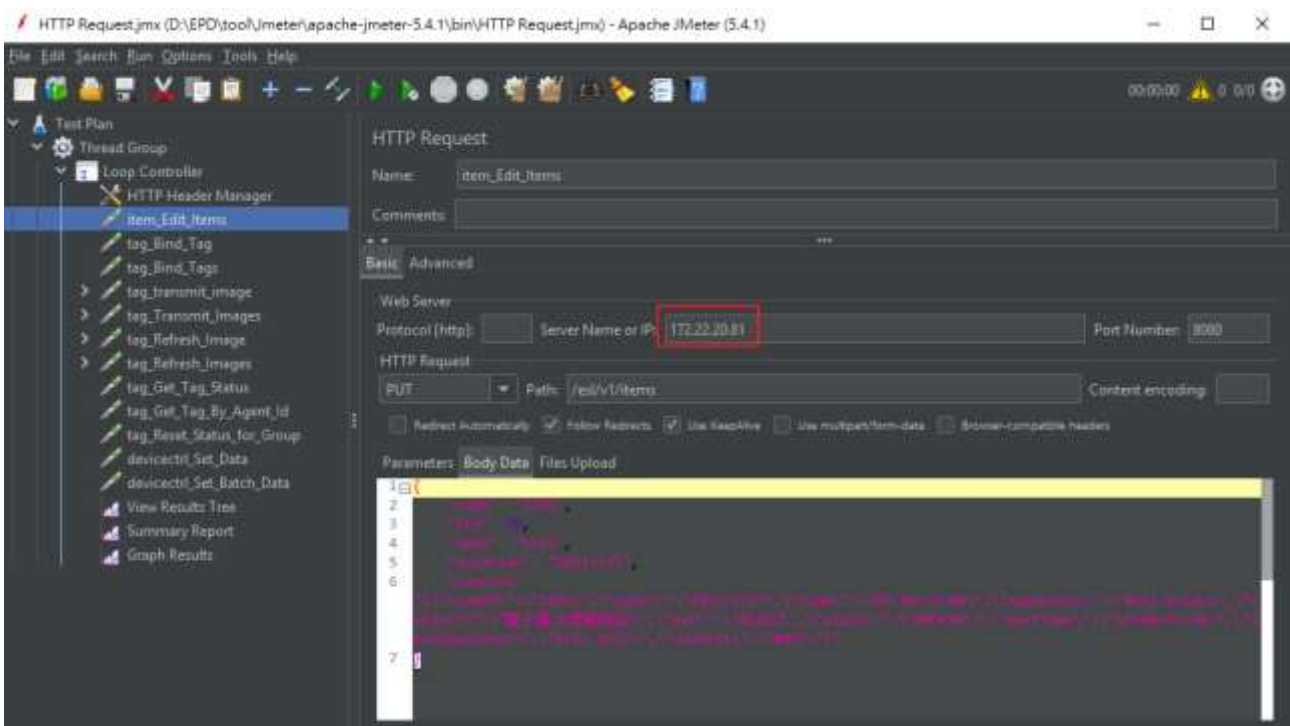
Select "Http Request.jmx"




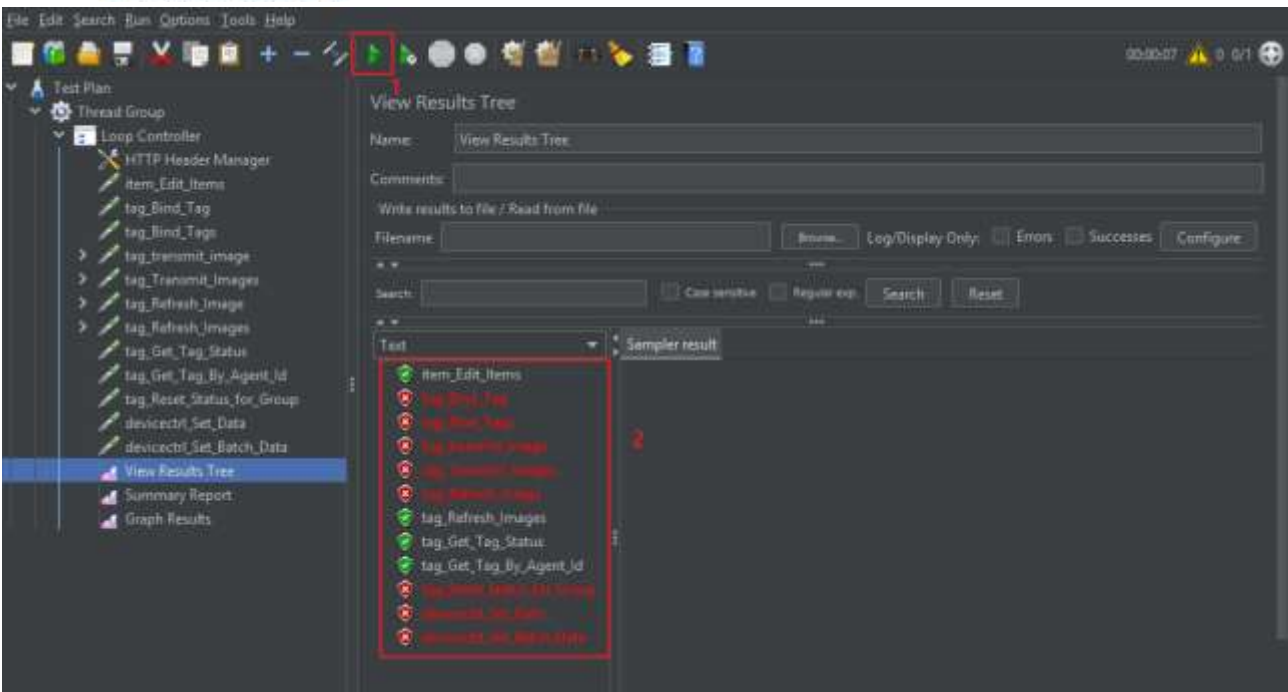
Step 4. You will see the test RestFul API function list in the jmeter.





Step 5. Modify all RestFul API IP address.



Step 6. Click "  "to start test and you will see test result in the "View Results Tree"

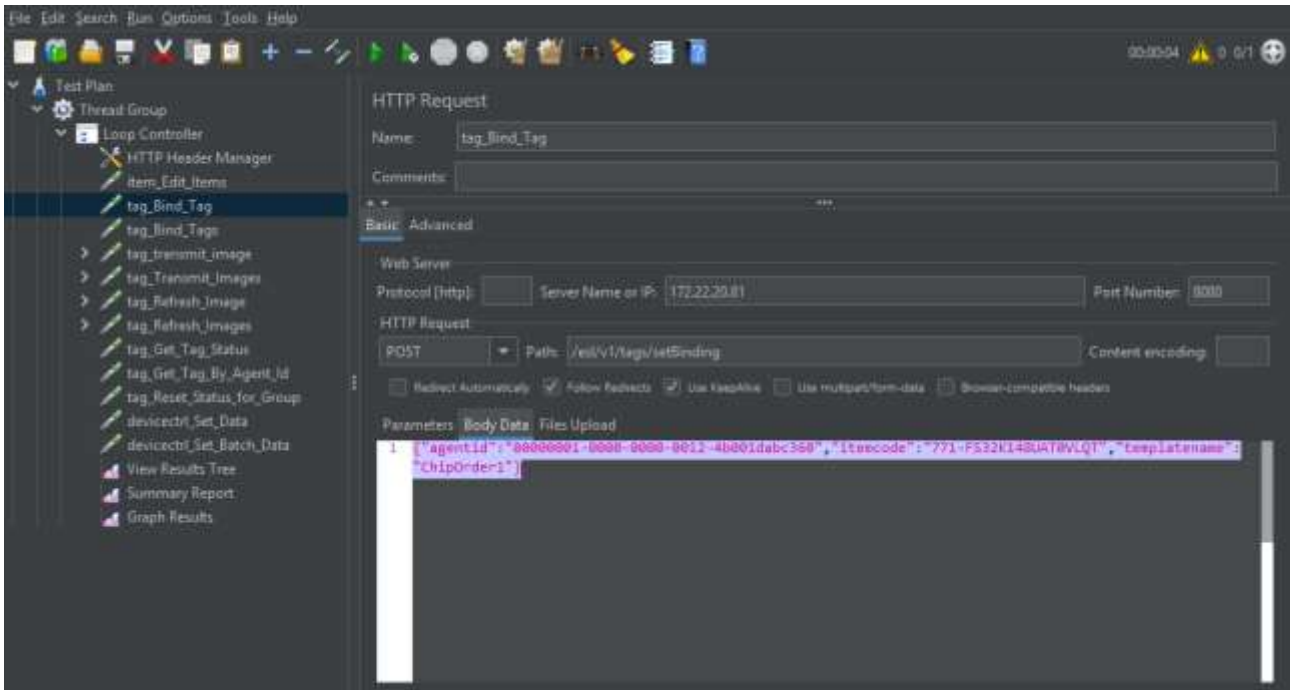


In the “View Results Tree”, you will see all RestFul API in the Text window. If the API shows “”, it means the API test passed. If the API shows “”, it means the API test fail. In my test, some of the settings is not matched with ePaper Manager. Please check all “Body Data” is the same as the ePaper Manager.

Example: The upper “tag_Bind_Tag” function test is fail. I modify the Body Data to match ePaper Manager.
ePaper Manager setting

Status	Power	RSSI	Mark	Tag Name	Item & Template
Idle	External	-29dBm	-	EPD-132R EPD-Tag-02d99a 00000001-0000-0000-0000-e044f302d99a	Not-set Not-set
Success	100%	-39dBm	MCU S32K148 144 LQFP	EPD-023B EPD-Tag-abc360 00000001-0000-0000-0012-4b001dabc360	itemcode 771-FS32K148UAT0VLQT(ChipOrder) ChipOrder1 templatename m-EPD103(MeetingRoom) ChipOrder1
Idle	100%	-38dBm	-	EPD-023B EPD-Tag-562185 00000001-0000-0000-0012-4b0015662185	ChipOrder1

Jmeter setting:



Step 7. Click Run and you will see the “tag_Bind_Tag” API function will pass test.

