

2023 – Learn JMeter By Examples

Session 10 – Real Scenario

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Step 1: Setup Jmeter **script structure**

Step 2: **Record Script** with patterns and reorganize requests

Step 3: **Correlate** for Login Token

Step 4: **Script Improvement**

(Embedded resource, generate parent sample, parameterization, etc...)

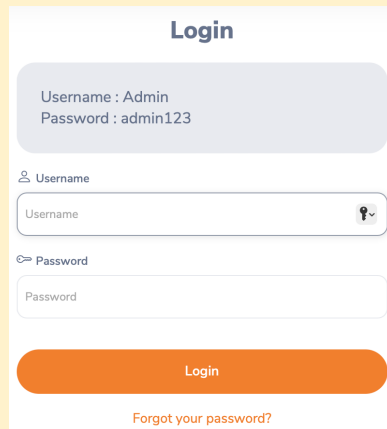
Step 5: **Execution and Report**

A Real Scenario

Login → Create User →

Only Once Like:

- 1 Thread
- 1 Loop



Login

Username : Admin
Password : admin123

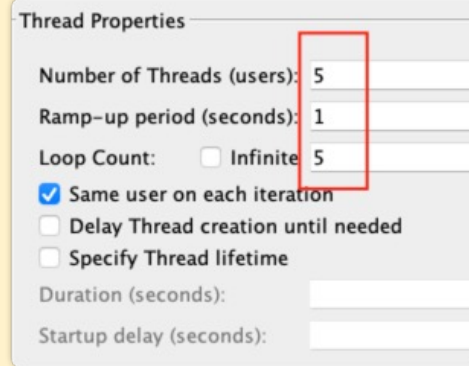
Username

Password

Login

[Forgot your password?](#)

Load Admin Page → Search This User → Search All Users →



Thread Properties

Number of Threads (users): 5

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite 5

☒ Same user on each iteration

☐ Delay Thread creation until needed

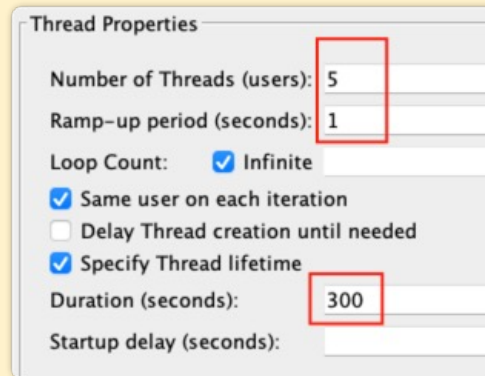
☐ Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):

Round 1:

- 5 Threads
- 5 Loops



Thread Properties

Number of Threads (users): 5

Ramp-up period (seconds): 1

Loop Count: ☒ Infinite

☒ Same user on each iteration

☐ Delay Thread creation until needed

☒ Specify Thread lifetime

Duration (seconds): 300

Startup delay (seconds):

Round 2:

- 5 Threads
- 300 s (5 min)

Delete Created User

Only Once Like:

- 1 Thread
- 1 Loop

Key Points

401 Unauthorized Issue:

- Get token from '/web/index.php-1'
- Update the token value of '/web/index.php/auth/validate-22' as it's response data show unauthorized

Name:	
_token	\${token}
username	\${username}
password	\${password}

Cookie 'orangehrm' Missed Among Thread Groups:

- Solution1: login again in each Thread Group
- Solution 2: put everything in one ThreadGroup and put 'Login' and 'Add User' in 'Once Only Controller' (homework: try it and leave your questions in the comment area if any)

Delete user with User ID:

- Cannot delete user directly, we need to get User ID first then delete with the ID `{"ids":[${get_userid}]}`

User Defined Variables	
Name:	User Defined Variables
Comments:	
Name:	
username	Admin
password	admin123
created_user	DanielYuan_\${_time(,)}

Create User with Unique name if you need:

- Use 'time' functions to generate unique number(millis)

Parameter name	
offset	0
sortOrder	ASC
limit	50
sortField	u.userName
username	DanielYuan_1678339585740

Video Caption:
片尾动画

Thank

You!

YouTube channel:

[Performance Test LabCN](#) [@DanielLoveTEST](#)

GitHub Link:

https://github.com/DanielLovePerf/2023_JMeter_Full_Course.git