

Submission Worksheet

Submission Data

Course: IT490-451-M2025

Assignment: IT490 MQ Test Individual

Student: Kenneth C. (kac63)

Status: Submitted | **Worksheet Progress:** 100%

Potential Grade: 10.00/10.00 (100.00%)

Received Grade: 0.00/10.00 (0.00%)

Started: 6/7/2025 11:19:05 AM

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Grading Link: <https://learn.ethereallab.app/assignment/v3/IT490-451-M2025/it490-mq-test-individual/grading/kac63>

View Link: <https://learn.ethereallab.app/assignment/v3/IT490-451-M2025/it490-mq-test-individual/view/kac63>

Instructions

- Walkthrough: <https://youtu.be/tgT0ZAxccbQ>
- 1. Read all instructions and requirements first
- 2. Use any VM creation tool that gives you root access and persistent storage
 - VirtualBox, Multipass, cloud (Amazon, Google, Azure, etc) (Docker won't be an option here)
 - Create a hostname relevant to the assignment (i.e., test-individual)
 - Create a user of your ucid with a password, ensure relevant permissions
 - Hardware: 1GB Memory, 10GB Hard Drive
 - Install a server version of linux (i.e., Ubuntu Server 24.04)
 - Hint: You may want to get a base install working and use that as a cloning point for quicker destroy/create cycles
- 3. Use the example code from the master branch of <https://github.com/MattToegel/IT490>
- 4. Connect to the VM with two separate ssh connections
 - Run the RabbitMQServerSample.php file successfully in one instance
 - Run the RabbitMQClientSample.php file successfully in another instance
 - Proper data should be sent/received
- 5. Create a setup.sh script that automates the installation/setup logic
- 6. Fill in the below requirements
- 7. Submit and Export once done
- 8. Upload the PDF to your personal GitHub repo for the class
- 9. Upload the PDF to Canvas

Section #1: (7 pts.) Example Solution

Progress: 100%

≡ Task #1 (3.50 pts.) - Working Example

Progress: 100%

— Task Collapsed —

☰ Task #2 (3.50 pts.) - Setup Script

Progress: 100%

— Task Collapsed —

Section #2: (3 pts.) Reflection

Progress: 100%

— Section Collapsed —