

Hands-on Final Exam	
Course Code: CPE232	Program: Computer Engineering
Course Title: Managing Enterprise Servers	Date Performed: 06/09/2022
Section: CPE31S7	Date Submitted: 06/09/2022
Name(s): Nepomuceno, Genesi DL.	Instructor: Engr. J. Taylor
Tools Needed:	
1. VM with Alpine, Git, and Ansible installed 2. Web browser	
Procedure	
1. Create a repository and name it Surname_FinalExam. <div data-bbox="376 567 1232 1308" data-label="Image"> </div>	
2. Clone your new repository in your VM <div data-bbox="303 1417 1313 1591" data-label="Code-Block"> <pre>genesinepo@client:~\$ git clone git@github.com:genesinepo/Nepomuceno_FinalExam.git Cloning into 'Nepomuceno_FinalExam'... remote: Enumerating objects: 9, done. remote: Counting objects: 100% (9/9), done. remote: Compressing objects: 100% (5/5), done. remote: Total 9 (delta 0), reused 0 (delta 0), pack-reused 0 Receiving objects: 100% (9/9), done.</pre> </div>	

3. Create an Ansible playbook that does the following with an input of a config.yaml file and structure inventory file.

```
genesinepo@client:~/nepomuceno_FinalExam$ ansible-playbook --ask-become-pass playbook.yaml
BECOME password:

PLAY [install packages in ubuntu] *****

TASK [Gathering Facts] *****
ok: [192.168.56.101]

TASK [ubuntu_es : install vsftpd ubuntu] *****
ok: [192.168.56.101]

TASK [ubuntu_es : disable firewall] *****
ok: [192.168.56.101]

TASK [ubuntu_es : create ftp user] *****
[WARNING]: The input password appears not to have been hashed. The 'password' argument
must be encrypted for this module to work properly.
changed: [192.168.56.101]

TASK [ubuntu_es : create ftp dir] *****
changed: [192.168.56.101]

TASK [ubuntu_es : create ftp files] *****
changed: [192.168.56.101]

TASK [ubuntu_es : copy vsftpd.config] *****
ok: [192.168.56.101]

TASK [ubuntu_es : restart vsftpd.config] *****
skipping: [192.168.56.101]

TASK [ubuntu_git : create directory] *****
ok: [192.168.56.101]

TASK [ubuntu_git : clone prelim repo] *****
ok: [192.168.56.101]

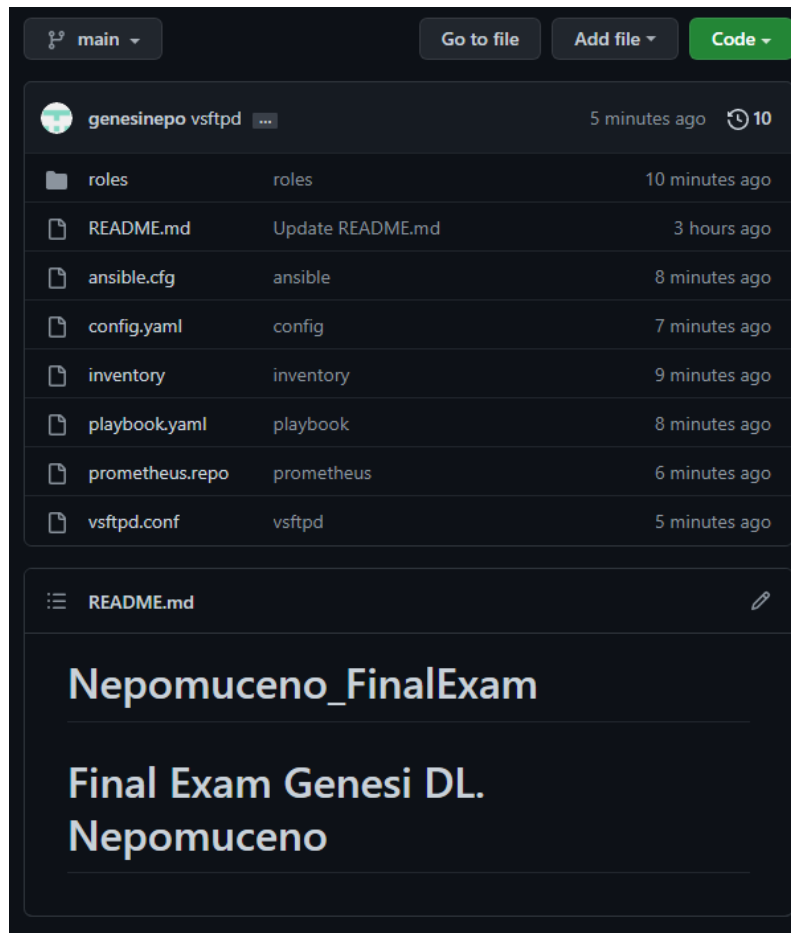
TASK [ubuntu_mt : install prometheus ubuntu] *****
ok: [192.168.56.101]

TASK [ubuntu_mt : start prometheus] *****
ok: [192.168.56.101]

TASK [ubuntu_motd : create motd] *****
ok: [192.168.56.101]

PLAY RECAP *****
192.168.56.101      : ok=12   changed=3    unreachable=0    failed=0    skipped=1
                   rescued=0    ignored=0
```

4. push and commit your final-exam branch in the VM



6. For your final exam to be counted, please paste your repository link as an answer in this exam.

[https://github.com/genesinepo/Nepomuceno\\_FinalExam.git](https://github.com/genesinepo/Nepomuceno_FinalExam.git)

7. Send your PDF report into your GitHub repository.