Gabriel Chen, CMPE 272 Section 48

Repository: https://github.com/gabriellukechen/cmpe272hw1

Below shows 4 ansible commands.

- Copying the server application binary from vm ubuntu1 to vm's ubuntu2 and ubuntu3
- 2. Running the server application
- a. Curling the path '/' at port 8080 of each VM and receiving the message "Hello World from SJSU"
- Stopping the server application
- Removing the binary

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ⅎ
                              gchen@ubuntu1: ~/272/hw1
                                                                Q
            gchen@ubuntu1: ~/272/hw1
                                               gchen@ubuntu1: ~
gchen@ubuntu1:~/272/hw1$ ansible-playbook hellosjsu_deploy_ansibleplaybook.yml --tags "deploy"
ignored=0
                     unreachable=0
                             failed=0
                                  skipped=0
                                        rescued=0
                     unreachable=0
                             failed=0
                                  skipped=0
                                        rescued=0
                                              ignored=0
gchen@ubuntu1:~/272/hw1$ ansible-playbook hellosjsu_deploy_ansibleplaybook.yml --tags "run"
: ok=2 changed=1 unreachable=0
: ok=2 changed=1 unreachable=0
                             failed=0
                                   skipped=0
                                              ignored=0
                             failed=0
chen@ubuntu1:~/272/hw1$ curl 192.168.122.174:8080/
Hello World from SJSU
          1$ curl 192.168.122.225:8080/
Hello World from SJSU
gchen@ubuntu1:~/272/hw1$ ansible-playbook hellosjsu_deploy_ansibleplaybook.yml --tags "stop"
unreachable=0
                             failed=0
                                  skipped=0
                                        rescued=0
                                              ignored=0
                             failed=0
                                              ignored=0
                      unreachable=0
                                  skipped=0
                                        rescued=0
gchen@ubuntu1:~/272/hw1$ curl 192.168.122.174:8080/
curl: (7) Failed to connect to 192.168.122.174 port 8080: Connection refused
         w1$ curl 192.168.122.225:8080/
curl: (7) Failed to connect to 192.168.122.225 port 8080: Connection refused
gchen@ubuntu1:~/272/hw1$ ansible-playbook hellosjsu_deploy_ansibleplaybook.yml --tags "remove"
[WARNING]: Consider using the file module with state=absent rather than running 'rm'. If you need to use command because file is insufficient you can add
'warn: false' to this command task or set 'command_warnings=False' in ansible.cfg to get rid of this message.
changed=1
changed=1
                     unreachable=0
                             failed=0
                                   skipped=0
                                        rescued=0
                                              ignored=0
                             failed=0
                     unreachable=0
                                   skipped=0
                                        rescued=0
                                              ignored=0
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                                                                          gchen@ubuntu1: ~/272/hw1
                                                                                                                                                                    目
                              gchen@ubuntu1: ~/272/hw1
                                                                                                                      achen@ubuntu1: ~
gchen@ubuntu1:~/272/hw1$ ssh ubuntu2
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-81-generic x86_64)
 * Documentation: https://help.ubuntu.com
                    https://landscape.canonical.com
 * Management:
                    https://ubuntu.com/advantage
  System information as of Wed 01 Sep 2021 12:32:24 AM UTC
  System load: 0.0 Processes:
Usage of /: 32.7% of 18.57GB Users logged in:
                                                                 144
  Memory usage: 5%
                                      IPv4 address for enpls0: 192.168.122.174
  Swap usage:
 * Super-optimized for small spaces - read how we shrank the memory
   footprint of MicroK8s to make it the smallest full K8s around.
   https://ubuntu.com/blog/microk8s-memory-optimisation
1 update can be applied immediately.
To see these additional updates run: apt list --upgradable
Last login: Wed Sep 1 00:30:00 2021 from 192.168.122.45
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
gchen@ubuntu2:~$ ls
gchen@ubuntu2:~$ exit
logout
Connection to 192.168.122.174 closed.
 gchen@ubuntu1:~/272/hw1$ ssh ubuntu3
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.4.0-81-generic x86_64)
 * Documentation: https://help.ubuntu.com
 * Management:
                    https://landscape.canonical.com
 * Support:
                    https://ubuntu.com/advantage
  System information as of Wed 01 Sep 2021 12:32:33 AM UTC
  System load: 0.0 Processes: Usage of /: 32.6% of 18.576B Users logged in:
                                                                 148
  Memory usage: 5%
                                     IPv4 address for enpls0: 192.168.122.225
  Swap usage: 0%
 * Super-optimized for small spaces - read how we shrank the memory footprint of MicroK8s to make it the smallest full K8s around.
   https://ubuntu.com/blog/microk8s-memory-optimisation
1 update can be applied immediately.
To see these additional updates run: apt list --upgradable
Last login: Wed Sep 1 00:23:05 2021 from 192.168.122.45
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
 gchen@ubuntu3:~$ ls
 chen@ubuntu3:~$ exit
logout
Connection to 192.168.122.225 closed. gchen@ubuntu1:~/272/hw1$
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