**Ansible - A Beginner's Tutorial, Part 3**

Video is here: <https://www.youtube.com/watch?v=jBiueVhDg1Q>

### Available ansible variables [http://docs.ansible.com/ansible/playb...](http%3A%2F%2Fdocs.ansible.com%2Fansible%2Fplaybooks_variables.html%23information-discovered-from-systems-facts&redir_token=mvZZVMgi5r0ihiuzV55_PK4BDHt8MTU5MjAwMzQzMkAxNTkxOTE3MDMy)

### Table of Contents

# Creating the webserver directory [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Creating the main.yml for the webserver role [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Adding the proxy.conf using template [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Using handlers [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Adding the webserver role to the playbook [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Playbook run [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Check webserver by ssh [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

# Check webserver via browser [https://www.youtube.com/watch?v=jBiue...](https://www.youtube.com/watch?v=jBiueVhDg1Q)

**VS Code access**

To login to Visual Studio Code via your web browser please go here:

|  |  |
| --- | --- |
| UI link: | [https://student2-code.irs.lab-emergent360.com](https://student2-code.irs.lab-emergent360.com/) |
| password: | emergent |

**SSH access**

To login to the Ansible Control Node use the following for SSH access:

|  |  |
| --- | --- |
| username: | student2 |
| password: | emergent |
| IP Address: | 3.87.152.21 |

ssh student2@3.87.152.21

DNS: student2.irs.lab-emergent360.com

ssh student2@student2.irs.lab-emergent360.com

**Ansible Tower access**

To login to the Ansible Tower UI use the following credentials:

|  |  |
| --- | --- |
| UI link: | [https://student2.irs.lab-emergent360.com](https://student2.irs.lab-emergent360.com/) |
| username: | admin |
| password: | emergent |

|  |
| --- |
| <https://github.com/ansible/ansible-examples> & <https://github.com/ansible/workshops>  Exercise Doc’n => <https://ansible.github.io/workshops/exercises/ansible_rhel/> \*\*\*\*  <https://docs.ansible.com/ansible/latest/modules/yum_module.html>  Q: on that machine do you create a DIR and then I'm sure you can RSYNC/SYNC that to other "web" hosts  A: modules such as "copy" and "synchronize" that may work for this. Synchronize is a wrapper around rsrsync  migration path  [root@ansible ~]# cat /home/student2/lab\_inventory/hosts  [all:vars]  ansible\_user=student2  ansible\_ssh\_pass=emergent  ansible\_port=22  [web]  node1 ansible\_host=54.226.210.83  node2 ansible\_host=52.87.184.221  node3 ansible\_host=18.212.76.227  [control]  ansible ansible\_host=3.87.152.21 |
|  |