

Ansible in 3 weeks pre-course setup requirements

This course has been designed to be as flexible as possible regarding operating system. Red Hat family, as well as Ubuntu is supported on the control host. Anything goes on the managed host, although there will be a stronger focus on Red Hat family distributions. If you want to use all Ubuntu though, that is fine. Read setup requirements for the specific course days below for more details.

When referring to "Red Hat Family", any of the following can be used:

- Red Hat Enterprise Linux 8.x
- Centos Stream
- Rocky Linux 8.x
- Latest version of Fedora
- Theoretically, Oracle Linux and Alma Linux should also work but this has not been tested

All mentioned platforms need to go through a basic setup of the operating system. Further Ansible setup is covered in class.

Day 1

Control hosts:

- a physical or virtual machine that runs a Red Hat family distribution or the latest Ubuntu LTS version (currently 20.04).
- 2 GB RAM
- 1 CPU
- 20 GB disk space

Managed hosts:

- One machine that runs a Red Hat family distribution
- One machine that runs Ubuntu LTS 20.04
- Feel free to add other Linux distributions to see how that works
- No specific hardware requirements
- A running and accessible SSH server

Ansible Tower:

- Red Hat Enterprise Linux or CentOS, latest version. (Rocky Linux should work but has not been tested yet)
- 8 GB of RAM recommended, 4 GB minimum
- 4 CPU cores recommended, 2 minimum
- 40 GB disk space, 2 minimum

Day 2

The same setup as day 1 is used

Day 3

Access to any of the following environments. Prepare whatever you want / is most interesting, or just prepare nothing and enjoy the course lectures.

- Windows Server 2019

- An Ubuntu LTS 20.04 machine to be used for Docker
- A Red Hat family machine to be used for KVM virtualization
- Any physical network device
- AWS Cloud environment