If you are following along the demo to setup lab, please refer to the below troubleshooting tips:

**Only 32bit VMs are listed in Virtual Box**

While creating VMs in Virtual box if only 32 bit vms are listed, kindly check on the following:

1. Check if Virtualization is enabled on your system. For this you must access the BIOS of your laptop and enable Virtualization if its not already enabled.
2. Check if Hyper-V is enabled on your system. If it is, ensure that it is disabled as two virtualization technologies cannot co-exist.

**Issues installing Ansible and its dependencies**

Once the Debian VM is up and running make the following changes to the /etc/apt/sources.list file to get the Ansible installation working right.

1. Comment the line starting **deb cdrom**
2. Uncomment bottom two lines starting **deb** and **deb-src**
3. Add the below two lines:

deb http://ppa.launchpad.net/ansible/ansible/ubuntu trusty main

deb http://ftp.de.debian.org/debian sid main

Final file:

#

# deb cdrom:[Debian GNU/Linux 8.9.0 \_Jessie\_ - Official amd64 DVD Binary-1 20170723-11:49]/ jessie contrib main

#deb cdrom:[Debian GNU/Linux 8.9.0 \_Jessie\_ - Official amd64 DVD Binary-1 20170723-11:49]/ jessie contrib main

#deb http://deb/debian.org/debian jessie main

#deb-src http://deb.debian.org/debian stretch main

deb http://security.debian.org/ jessie/updates main contrib

deb-src http://security.debian.org/ jessie/updates main contrib

# jessie-updates, previously known as 'volatile'

# A network mirror was not selected during install. The following entries

# are provided as examples, but you should amend them as appropriate

# for your mirror of choice.

#

deb http://ftp.debian.org/debian/ jessie-updates main contrib

deb-src http://ftp.debian.org/debian/ jessie-updates main contrib

deb http://ppa.launchpad.net/ansible/ansible/ubuntu trusty main

deb http://ftp.de.debian.org/debian sid main

Once file is updated, run **apt-get update** and then run **apt-get install ansible**

**Enabling SSH on the VM**

If you need SSH enabled on the system, follow the below steps:

1. Ensure the /etc/apt/sources.list file has been updated as per above
2. Run the command: **apt-get update**
3. Run the command: **apt-get install openssh-server**
4. Run the command: **service sshd start**

**FAQ**

**I can not see the 64 bit versions of Operating Systems listed in Oracle VirtualBox**

Make sure you have Virtualization Feature Enabled on your laptop.

**I can not see the 64 bit versions even though virtualization is enabled**

Turn off Hyper-V, in  "Turn Windows Features on or off" in control panel