

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

Only 32bit VMs are listed in Virtual Box

While creating VMs in the 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 it's 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 on Debian

If you are running into issues installing Ansible on Debian VM then please follow the below troubleshooting guide.

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 the 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`