



Lab Name:	Installing Nomad on Linux
Section Number:	3
Lecture Number:	10

Installing Nomad using Package Manager

1. Log in to the Linux server
2. Use the following commands to install Nomad (this example will work with Amazon Linux)

```
$ sudo yum install -y yum-utils
$ sudo yum-config-manager --add-repo
  https://rpm.releases.hashicorp.com/AmazonLinux/hashicorp.repo
$ sudo yum -y install nomad
```

*Alternatively, you can use this for **RHEL***

```
$ sudo yum install -y yum-utils
$ sudo yum-config-manager --add-repo
  https://rpm.releases.hashicorp.com/RHEL/hashicorp.repo
$ sudo yum -y install nomad
```

3. Remove the example configuration file

```
$ sudo rm -f /etc/nomad.d/nomad.hcl
```

Installing Nomad Manually

1. Log in to the Linux server
2. Download Nomad from <https://releases.hashicorp.com/nomad>

```
$ wget https://releases.hashicorp.com/nomad/<version>
```



3. Unzip the downloaded file and delete the zip file:

```
$ unzip nomad nomad_1.4.3_linux_amd64.zip  
$ sudo rm nomad_1.4.3_linux_amd64.zip
```

4. Move the Nomad binary so it's available on your \$PATH:

```
$ sudo mv /nomad /usr/local/bin
```

5. Create the local Nomad directories:

```
$ sudo mkdir /etc/nomad.d
```

6. Create the Nomad user:

```
$ sudo useradd --system --home /etc/nomad.d --shell  
/bin/false nomad
```

7. Set permissions for the new directory:

```
$ sudo chown -R nomad:nomad /etc/nomad.d/  
$ sudo chmod 700 /etc/nomad.d
```

8. Create the Nomad service file at `/etc/systemd/system/nomad.service` and copy the configuration to this file. *You can get this file on my GitHub:* <https://github.com/btkrausen/hashicorp/blob/master/nomad/nomad.service>

```
$ sudo touch /etc/systemd/system/nomad.service
```