

Lesson Description - Setting up a Cloud Server Development Environment

Go through the process of setting up the necessary tools and packages for following along with this course by setting up a Cloud Server for development.

Required Software Packages, Tools, and Files

- git
- wget
- which
- words (need file at /usr/share/dict/words)
- lsof
- text editor of your choice
- python 3.6.5

Installing Packages

The following commands are used on the cloud server to install the packages and files that we need.

```
$ sudo su -  
$ yum update  
$ yum groupinstall -y "development tools"  
$ yum install -y \  
  lsof \  
  wget \  
  vim-enhanced \  
  words \  
  which  
$ exit
```

Configuring Git

From our **user** account (instead of **root**), we'll configure git using our own information and these commands:

```
$ git config --global user.name "Your Name"
$ git config --global user.email "your_email@example.com"
```

Customizing Bash

We'll customize our bash prompt by downloading a `bashrc` file from our [content repository](#) and placing it in our `$HOME` directory. This command will download the file, rename it, and place it in the proper directory:

```
$ curl https://raw.githubusercontent.com/linuxacademy/content-  
python3-sysadmin/master/helpers/bashrc -o ~/.bashrc
```

Customizing Vim

Like we did with the `bashrc`, we'll customize Vim by downloading a `vimrc` file with this command:

```
$ curl https://raw.githubusercontent.com/linuxacademy/content-  
python3-sysadmin/master/helpers/vimrc -o ~/.vimrc
```

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