**SVN Server setup**

Buy a Digital Ocean server with Ubuntu 14.04 pre-loaded

Download and log in with Putty (info in email)

Initial user is root, password is in email

After you change both via prompt you need to add user.

Type: adduser <username>

Type: gpasswd –a <username> sudo (grants super admin)

<https://www.digitalocean.com/community/tutorials/initial-server-setup-with-ubuntu-14-04>

Part II – Install Apache2 webserver

sudo apt-get update

sudo apt-get install apache2

sudo service apache2 restart

Part III – Install Subversion and configure it

sudo apt-get update

sudo apt-get install subversion apache2 libapahce2-svn apache2-utils

sudo mkdir /home/svn/

sudo mkdir (in svn) - /home/svn/repos

sudo svnadmin create /home/svn/repos/<name of your project>

sudo chown –R www-data:www-data /svn/repos/<name of your project>

*Create a .conf file in /ect/apache2/sites-available/*

sudo nano /etc/apache2/sites-available/<name of your project>.conf

<Location /svn>

* DAV svn
* SVNParentPath /svn/repos
* AuthType Basic
* AuthName “<project name>”
* AuthUserFile /etc/svnpasswd
* Require valid-user

</Location>

sudo a2ensite <name of your project>

sudo service apache2 reload

sudo htpasswd –cm /etc/svnpasswd <create user name>

* Prompts you to put password in twice

sudo htpasswd –m /etc/svnpasswd <create additional user name>

* Prompts your to put password in twice

Sudo chmod –R 777 /home (add read and write permissions)

Verify Functionality:

http://<ip address>/svn/<direct repository name> (it’s important you leave out repos the parent dir)

<http://www.krizna.com/ubuntu/setup-svn-server-on-ubuntu-14-04/>

Turtoise SVN:

Download and Install

Create an empty folder in your unreal projects main folder, name it your game project title

While inside the empty folder, right click, Tortoise SVN -> Create Repository Here

Right click, SVN Checkout -> Put in the same URL (http://<ip address>/svn/<direct repository name>)

* Leave out the repos subdirectory in between the root and the actual repository
* Click ok.

A 2nd folder is automatically created with the same name with wc added to it.

* Either drop project files directly into that folder, or start a new project with that as your project directory. Close UE.

Back out to the root folder, and right click in the original repository folder (with the wc on it), select SVN Commit

After it updates go back into the project and set it up for source control (on top bar)

* Select Subversion
* http://<ip address>/svn/<direct repository name>
* User name is the one from the sudo htpasswd –cm/etc/snvpasswd as is the Password
* Labels Directory is http://<ip address>/svn/<direct repository name>/tags
* Password is the password created with the sudo htpasswd command.

Optional: Install PHP and mySql - https://www.digitalocean.com/community/tutorials/how-to-install-linux-apache-mysql-php-lamp-stack-on-ubuntu