Project:
Project: Linux Server Configuration

SEARCH

RESOURCES

CONCEPTS

Project Details

you've done that, here are the steps to complete this project.

Get your server.

1. Start a new Ubuntu Linux server instance on Amazon Lightsail. There are full de
your Lightsail instance on the next page.
2. Follow the instructions provided to SSH into your server.

Secure your server.

3. Update all currently installed packages.
4. Change the SSH port from **22** to **2200**. Make sure to configure the Lightsail firev
5. Configure the Uncomplicated Firewall (UFW) to only allow incoming connection
HTTP (port 80), and NTP (port 123).

> *Warning: When changing the SSH port, make sure that the firewall is open for port you don't lock yourself out of the server. When you change the SSH port, the Lightsa longer be accessible through the web app 'Connect using SSH' button. The button c port is being used. There are instructions on the same page for connecting from yo instance. Connect using those instructions and then follow the rest of the steps.*

Give `grader` access.

In order for your project to be reviewed, the grader needs to be able to log in to y

6. Create a new user account named `grader`.
7. Give `grader` the permission to `sudo`.
8. Create an SSH key pair for `grader` using the `ssh-keygen` tool.

Prepare to deploy your project.

9. Configure the local timezone to UTC.
10. Install and configure Apache to serve a Python mod_wsgi application.

- If you built your project with Python 3, you will need to install the Python 3 r your server: `sudo apt-get install libapache2-mod-wsgi-py3`.

11. Install and configure PostgreSQL:

- Do not allow remote connections
- Create a new database user named `catalog` that has limited permissions application database.

12. Install `git`.

Deploy the Item Catalog project.

13. Clone and setup your **Item Catalog** project from the Github repository you cre
Nanodegree program.
14. Set it up in your server so that it functions correctly when visiting your server's
browser. Make sure that your `.git` directory is not publicly accessible via a brov

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