

## PROJECT SPECIFICATION

## Linux Server Configuration

## User Management

CRITERIA	MEETS SPECIFICATIONS
Can you log into the server as the user <code>grader</code> using the submitted key?	The SSH key submitted with the project can be used to log in as <code>grader</code> on the server.
Is remote login of the <code>root</code> user disabled?	You cannot log in as <code>root</code> remotely.
Is the <code>grader</code> user given <code>sudo</code> access?	The <code>grader</code> user can run commands using <code>sudo</code> to inspect files that are readable only by root.

## Security

CRITERIA	MEETS SPECIFICATIONS
Is the firewall configured to only allow for <code>SSH</code> , <code>HTTP</code> , and <code>NTP</code> ?	Only allow connections for <code>SSH</code> (port 2200), <code>HTTP</code> (port 80), and <code>NTP</code> (port 123).
Are users required to authenticate using <code>RSA</code> keys?	Key-based <code>SSH</code> authentication is enforced.
Are the applications up-to-date?	All system packages have been updated to most recent versions.
Is <code>SSH</code> hosted on non-default port?	<code>SSH</code> is hosted on non-default port.

## Application Functionality

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Is there a web server running on port 80?	The web server responds on port 80.
Has the database server been configured to properly serve data?	Database server has been configured to serve data (PostgreSQL is recommended).
Has the web server been configured to serve the Item Catalog application?	Web server has been configured to serve the Item Catalog application as a WSGI app.

### Documentation

CRITERIA	MEETS SPECIFICATIONS
Is a README file included in the GitHub repo containing all specified information?	A README file is included in the GitHub repo containing the following information: IP address, URL, summary of software installed, summary of configurations made, and a list of third-party resources used to completed this project.

### Suggestions to Make Your Project Stand Out!

- Serve more than one application on your server.