

PROJECT

Linux Server Configuration

A part of the Full Stack Web Developer Nanodegree Program

PROJECT REVIEW

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NOTES

Meets Specifications

SHARE YOUR ACCOMPLISHMENT



Congratulations!
Your project meets the specifications.
Keep up the good work!

User Management

The SSH key submitted with the project can be used to log in as `grader` on the server.

You cannot log in as `root` remotely.

[This](#) is an excellent tutorial explaining SSH tuning.

The `grader` user can run commands using `sudo` to inspect files that are readable only by root.

Security

Only allow connections for `SSH` (port 2200), `HTTP` (port 80), and `NTP` (port 123).

Key-based `SSH` authentication is enforced.

All system packages have been updated to most recent versions.

You can configure package `unattended-upgrades` to automatically install security updates.

For more details, please follow the link below:
<https://help.ubuntu.com/community/AutomaticSecurityUpdates>

`SSH` is hosted on non-default port.

Application Functionality

The web server responds on port 80.

Database server has been configured to serve data (PostgreSQL is recommended).

Web server has been configured to serve the Item Catalog application as a WSGI app.

The system monitoring can help to improve uptime of the web application (server).

More info, follow the links below:

<https://en.wikipedia.org/wiki/Uptime>

https://en.wikipedia.org/wiki/System_monitor

<https://pypi.python.org/pypi/Glances/>

<https://www.digitalocean.com/community/tutorials/how-to-install-munin-on-an-ubuntu-vps>

<https://www.digitalocean.com/community/tutorials/how-to-install-nagios-4-and-monitor-your-servers-on-ubuntu-14-04>

Also, do not forget to backup.

More info:

<https://en.wikipedia.org/wiki/Backup>

Documentation

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.

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Have a question about your review? Email us at review-support@udacity.com and include the link to this review.

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