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Deployment 3 Submission
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Observations

- Jenkins EC2 set up completed using script.
- Second EC2 setup completed after running commands to install the necessary packages.
- Jenkins agent was set up and configured by following steps provided.
- Modifications to the default file were completed.
- Jenkinsfile was updated with the addition of the clean and deploy stage.
- Initial build failed the test step, update to remove the additional spacing in the Jenkins file and test_app file.
- Build completed successfully, however initially was not able to access the url-shortener app using the public IP and designated port.
- Restarted nginx, completed build again and successfully deployed the url-shortener.

URL Shortener (Dep3) API [New URL](#)

Website

Short Name

Website URL

Shorten

File

Short Name

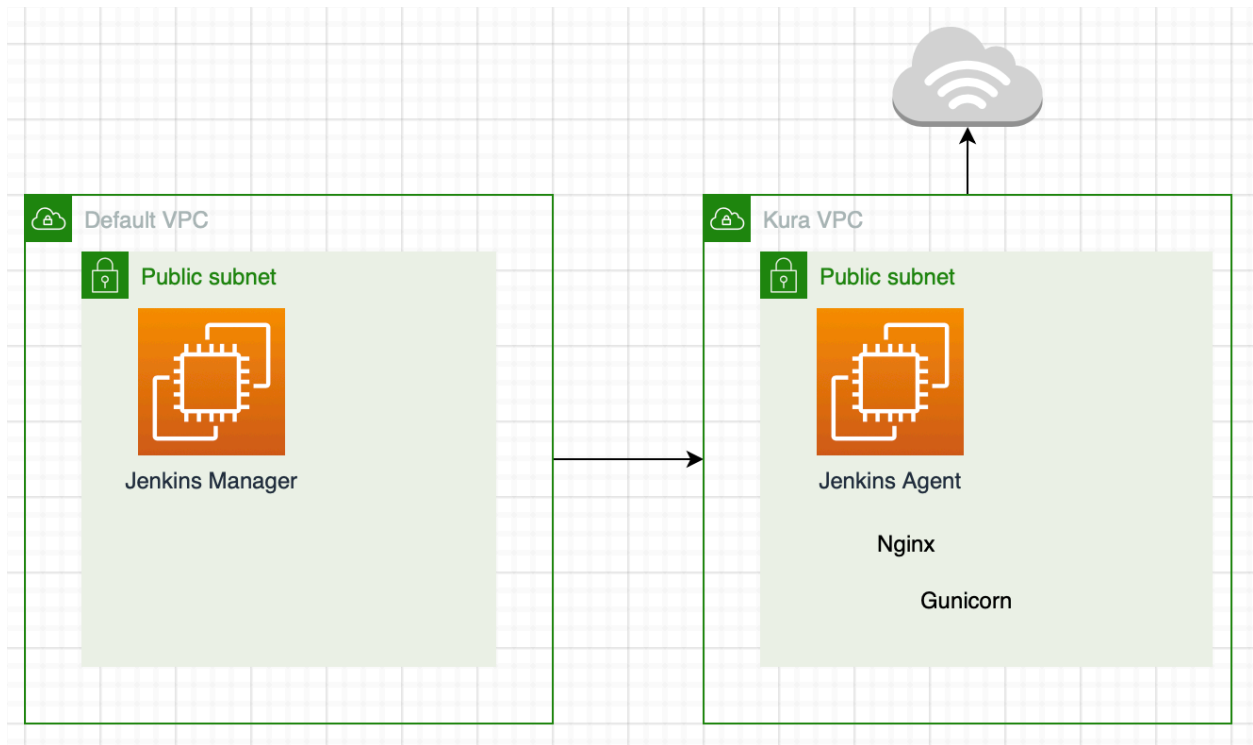
Website URL

Choose File

no file selected

Shorten

Diagram the pipeline



Software Stack

Linux
Jenkins
Github
Flask
Nginx
Gunicorn

Recommendations for Improvement

- Create a script for setup and install of packages needed for the second EC2.