Packages Requried for Azure DevOps Agent:

- apt update

- Java 11

- Maven

- unzip jq net-tools

- Terraform

- Packer

- docker & usermod -a -G docker adminsree

- AZ CLI

- AWS CLI

- Ansible, create configfile, disable host\_key\_checking - <https://docs.ansible.com/ansible/latest/installation_guide/installation_distros.html#installing-ansible-on-ubuntu>

- trivy #<https://github.com/aquasecurity/trivy/releases/tag/v0.41.0>

wget https://github.com/aquasecurity/trivy/releases/download/v0.41.0/trivy\_0.41.0\_Linux-64bit.deb

dpkg -i trivy\_0.41.0\_Linux-64bit.deb

Run config.sh first and provide PAT token and then run svc.sh as given below.

sudo ./svc.sh install adminsree #Adds systemd service

sudo ./svc.sh start

sudo systemd-resolve --flush-caches

1. Application CI/CD Pipeline

- Sonarqube Scanning

- Building

- Publishing artifacts

- Create COntainer image using the JAR

- Push to AWS S3, Storage Account, Image to ACR and DockerHUB.

- Deploy the container image as Azure ACI.