**Sonarqube installation on linux**

Pre-requisites :

A small-scale (individual or small team) instance of the SonarQube server requires at least 2GB of RAM to run efficiently and 1GB of free RAM for the OS.

.Use t2.medium

# free -h ( to see the storage)

# sudo yum install epel-release

sudo amazon-linux-extras install epel

sudo amazon-linux-extras install java-openjdk11

login as root

# sudo su-

# cd /opt

By default wget and unzip are installed in amzoon linux machine , if not installed use this command.

#yum install wget unzip -y

Open sonarqube official website and copy the download link.

# wget https://binaries.sonarsource.com/Distribution/sonarqube/sonarqube-8.9.10.61524.zip

# unzip sonarqube-8.9.10.61524.zip

as a good security practices, sonarqube is not advised to run sonar server as a root user. So create a new user call sonar and grand sudo access to manage sonar service as follows

# useradd sonar

# visudo

root ALL=(ALL) ALL

add this line : sonar ALL=(ALL) ALL

if u don’t want to give password use this command : sonar ALL=(ALL) NOPASSWD:ALL

# ll

drwxr-xr-x 11 root root 172 Oct 14 09:25 sonarqube-8.9.10.61524

here it is root user acces so we need add ownership for sonar user

# chown -R sonar:sonar /opt/sonarqube-8.9.10.61524

chmod -R 775 /opt/sonarqube-8.9.10.61524 (chmod to change permissions)

# su sonar - or # su – sonar

#pwd

#cd /opt

# ll

#cd sonarqube-8.9.10.61524

# ll

#cd bin

# cd linux-x86-64

# ./sonar.sh start

# ./sonar.sh status