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**SonarQube Server setup using Docker**

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**## Step-1 : Setup Linux VM (Amazon Linux AMI)**

1) Login into AWS Cloud account

2) Launch Linux VM using EC2 service

- AMI : Amazon Linux

- Instance Type : t2.medium

4) Connect to VM using MobaXterm

**## Step-2 : Install Docker In Linux VM**

**sudo yum update -y**

**sudo yum install docker -y**

**sudo service docker start**

**## Step-3 : Rress 'R' to restart the session (This is in MobaXterm)**

**sudo usermod -aG docker ec2-user**

**## Step-4 : Verify docker installation**

**exit**

**## Step-5: Press ‘R’ to restart the session (This is MobaXterm)**

**##Step-6: Verify docker installation**

**docker -v**

**## Step-7 : Run SonarQube using docker image**

**docker run -d --name sonarqube -p 9000:9000 -p 9092:9092 sonarqube:lts-community**

**## Step-8: Enable 9000 port number in Security Group Inbound Rules & Access Sonar Server**

**- URL : http://public-ip:9000/**

(go to instance =>security => click on security group => inbound rules=> edit port 9000 for Custom TCP)

=> SonarQube will run on default port 90004

=> In EC2 choose t2.midium because t2.micro has 1 gm memory which will not be sufficient t2.midium 4GB

