SAM Installation

CentOS 7 Machine on AWS EC2 with Admin Role Access

Not as the root user

```
sudo yum install -y git
```

```
sh -c "$(curl -fsSL
https://raw.githubusercontent.com/Linuxbrew/install/master/install.sh)"
```

```
test -d ~/.linuxbrew && eval $(~/.linuxbrew/bin/brew shellenv)
test -d /home/linuxbrew/.linuxbrew && eval $(/home/linuxbrew/.linuxbrew/bin/brew shellenv)
test -r ~/.bash_profile && echo "eval \$($(brew --prefix)/bin/brew shellenv)" >>~/.bash_profile
echo "eval \$($(brew --prefix)/bin/brew shellenv)" >>~/.profile
```

```
brew --version
```

```
brew tap aws/tap
brew install aws-sam-cli
```

Unfortunately it install python 2.7 which we don't have for building out app which is in python 3.8

```
sam --version
```

Install python 3.8

```
sudo yum install gcc openssl-devel bzip2-devel libffi-devel
cd /opt
```

sudo yum install wget

sudo wget https://www.python.org/ftp/python/3.8.3/Python-3.8.3.tgz

sudo tar xzf Python-3.8.3.tgz

cd Python-3.8.3

sudo ./configure --enable-optimizations

sudo make altinstall

python3.8 -V

pip3 -V

export PYTHONPATH=$PYTHONPATH:/usr/local/lib/python3.8/site-packages/

mkdir example

sam init

Hello World App

sam build

sam deploy --guided