CONFIGURATION GUIDES › DOCKER

Install Applicare SingleAgent on Alpine Linux

Applicare 10.0 · Updated October 16, 2024 · docker, singleagent, linux · **Pending technical review**

Step 1: Add the following scripts immediately after the FROM command in the Dockerfile.

RUN apk update && apk add --no-cache curl vim wget bash unzip util-linux eudev-libs net-tools RUN mkdir /usr/local/Applicare WORKDIR /usr/local/Applicare RUN curl **CONTROLLER_PROTOCOL**://**CONTROLLER_IP:CONTROLLER_PORT**/applicare/standalone?filename=ApplicareSingleAgentLinux.zip >ApplicareSingleAgentLinux.zip RUN unzip ApplicareSingleAgentLinux.zip RUN ["rm", "-frv", "/usr/local/Applicare/ApplicareSingleAgentLinux.zip"] WORKDIR /usr/local/Applicare WORKDIR /usr/local/Applicare/wrapper/linux RUN chmod +x install.sh RUN chmod -R 777 /usr/local/Applicare RUN ["/usr/local/Applicare/wrapper/linux/install.sh"]

Replace the below values in the above script

CONTROLLER_PROTOCOL -> http (or) https

CONTROLLER_IP -> Applicare Controller IP

CONTROLLER_PORT -> Applicare Controller Port

e.g.

```
TEXT
FROM eclipse-temurin:17-jre-alpine
RUN apk update && apk add --no-cache curl vim wget bash unzip util-linux
RUN mkdir /usr/local/Applicare
WORKDIR /usr/local/Applicare
RUN curl http://127.0.0.1:8880/applicare/standalone?filename=ApplicareSingleAgentLinux.zip
>ApplicareSingleAgentLinux.zip
RUN unzip ApplicareSingleAgentLinux.zip
RUN ["rm", "-frv", "/usr/local/Applicare/ApplicareSingleAgentLinux.zip"]
WORKDIR /usr/local/Applicare
WORKDIR /usr/local/Applicare/wrapper/linux
RUN chmod +x install.sh
RUN ["/usr/local/Applicare/wrapper/linux/install.sh"]
```

Step 2: Specify the server name when creating the Docker container.

While creating the docker container add the server name to the environment variable using **-e sname= <SERVERNAME>** and start the container. Replace **<SERVERNAME>** with the name which we need to add the agent in Applicare. The **<SERVERNAME>** should be **unique for different containers.**

e.g.

-e sname=tomcatcontainer

```bash
docker container run –it –d –p 8065:8080 ––name container1 –e sname=tomcatcontainer
19f36bd86c9c
```