CONFIGURATION GUIDES › DOCKER

Install Applicare SingleAgent in a RedHat Enterprise Linux (RHEL) Docker Image

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

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

RUN dnf -y update RUN dnf -y install unzip RUN dnf -y install 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

Example:

```
TEXT
FROM tomcat:8
RUN dnf –y update
RUN dnf –y install unzip
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.

When creating the Docker container, set the server name as an environment variable using **-e sname= <SERVERNAME> then start the container. Replace <SERVERNAME> with the desired name to register the agent in Applicare**. Ensure that **<SERVERNAME> is unique for each container**.

e.g.

-e sname=tomcatcontainer

```BASH
docker container run –it –d –p 8065:8080 ––name container1 –e sname=tomcatcontainer
1a28b359235a
```