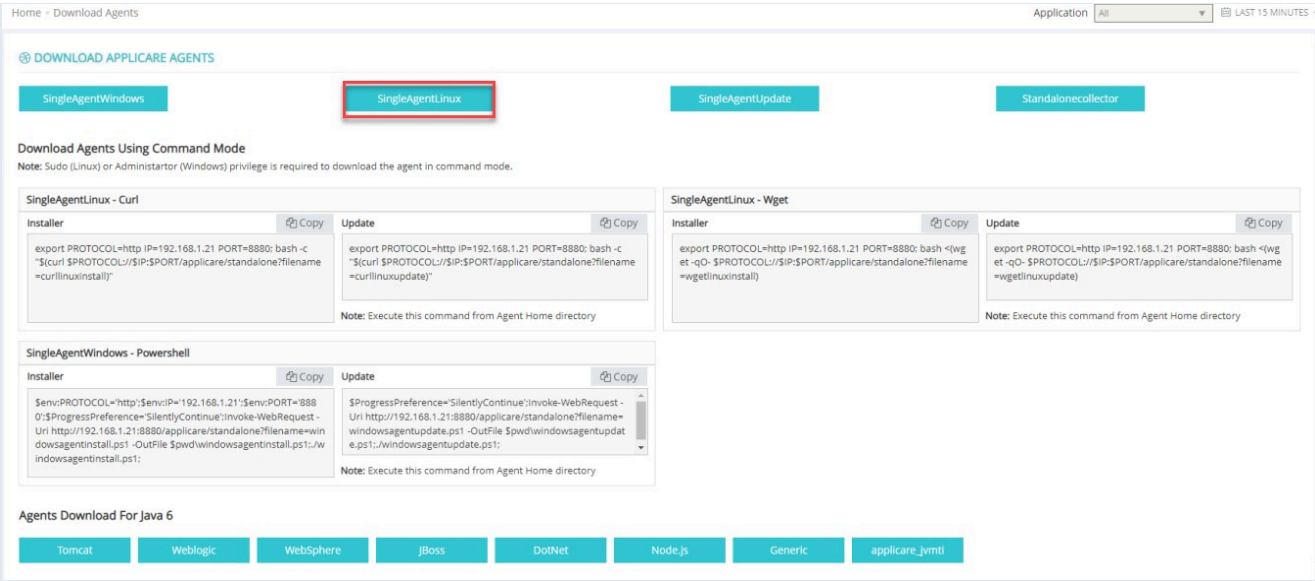
CONFIGURATION GUIDES › DOCKER

Install SingleAgent in a Docker Container

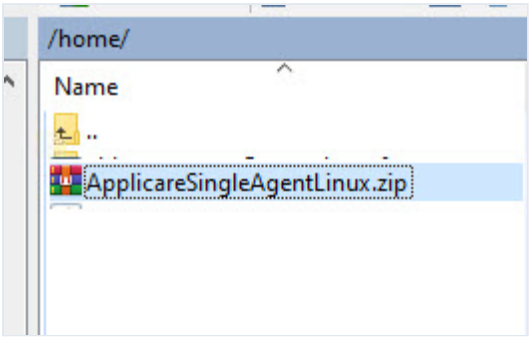
Applicare 9.2 · Updated September 13, 2024 · docker, singleagent · **Pending technical review**

Step 1, 2 and 3 are necessary only if the **ApplicareSingleAgentLinux** directory is not present on the Docker-installed machine.

Step 1: Log in to Applicare console, and navigate to the "**Download Agents**" menu, and download the **SingleAgentLinux** package.



Step 2: Transfer the **ApplicareSingleAgentLinux.zip** file to the Docker-installed machine.



Step 3: Navigate to the location where you copied the zip file, create a directory named **ApplicareSingleAgentLinux** in that location, and extract the zip file into that directory.

```bash
mkdir ApplicareSingleAgentLinux
unzip ApplicareSingleAgentLinux.zip –d ApplicareSingleAgentLinux
```

```
[root@L9-RHEL8 home]# mkdir ApplicareSingleAgentLinux
[root@L9-RHEL8 home]# unzip ApplicareSingleAgentLinux.zip -d ApplicareSingleAgentLinux
Archive:  ApplicareSingleAgentLinux.zip
 extracting: ApplicareSingleAgentLinux/agent/CAgent/agent.lib
 extracting: ApplicareSingleAgentLinux/agent/CAgent/agent.ilk
 extracting: ApplicareSingleAgentLinux/agent/CAgent/agent.exp
 extracting: ApplicareSingleAgentLinux/agent/CAgent/agent.dll
 extracting: ApplicareSingleAgentLinux/agent/CAgent/Assem.asm
```

Step 4: Access inside the Docker container.

```
BASH
docker container exec –it CONTAINER ID bash
```

e.g. docker container exec -it a0eb9355dac0 bash

```
docker container exec -it a0eb9355dac0 bash
root@a0eb9355dac0:/code#
```

Step 5: Note the docker path and **exit** from the container. Here the docker path is **a0eb9355dac0:/code**

```
TEXT
exit
```

```
root@a0eb9355dac0:/code# exit
exit
```

Step 6: Copy the **ApplicareSingleAgentLinux** directory inside Docker container

```
BASH
docker cp sourcePath/ApplicareSingleAgentLinux dockerContainerPath/ApplicareSingleAgentLinux
```

e.g. docker cp **/home**/ApplicareSingleAgentLinux **a0eb9355dac0:/code**/ApplicareSingleAgentLinux

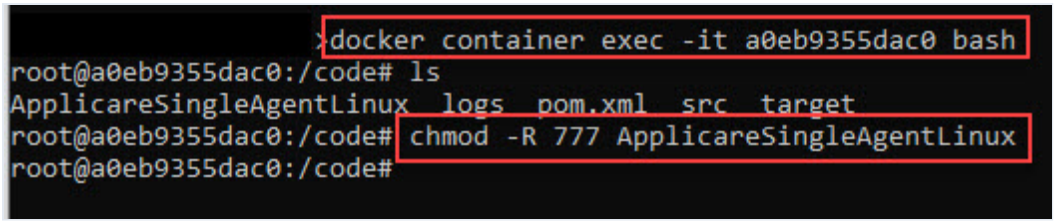
```
>docker cp /home/ApplicareSingleAgentLinux a0eb9355dac0:/code/ApplicareSingleAgentLinux
```

Step 7: Enter the Docker container and set read, write, and executable permissions for the **ApplicareSingleAgentLinux** directory.

```
BASH
docker container exec –it CONTAINER ID bash
```

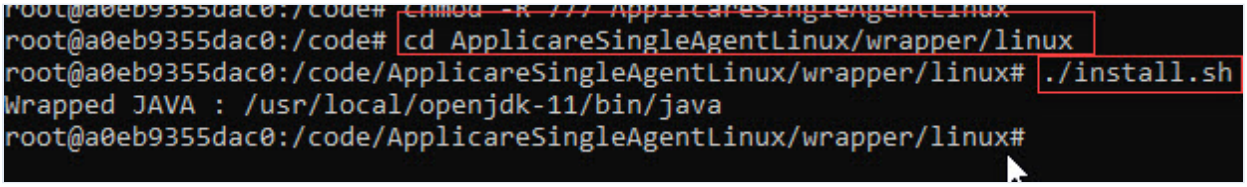
e.g. Docker container exec -it a0eb9355dac0 bash

```
BASH
chmod –R 777 ApplicareSingleAgentLinux
```



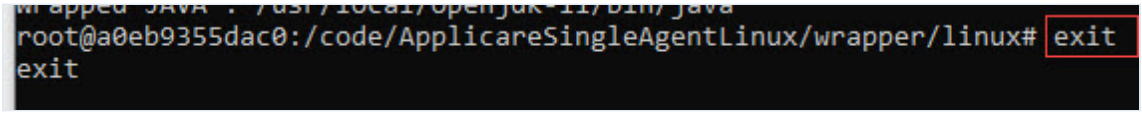
Step 8: Navigate to the **ApplicareSingleAgentLinux/wrapper/linux** directory and run **./install.sh** to install the wrapper.

```bash
cd ApplicareSingleAgentLinux/wrapper/linux
./install.sh
```



Step 9: Exit the container.

```text
exit
```



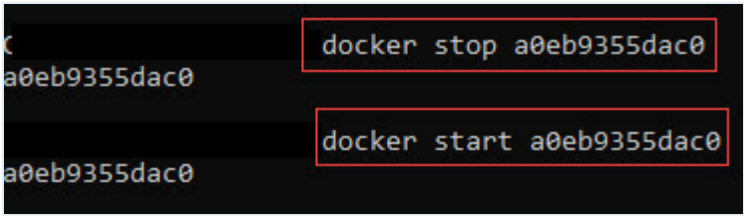
Step 10: Stop and then restart the container.

```bash
docker stop CONTAINER ID
docker start CONTAINER ID
```

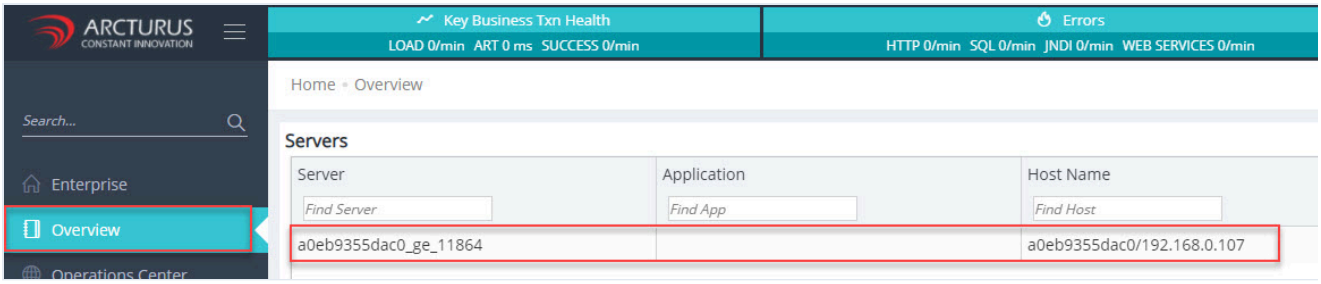
e.g.

docker stop a0eb9355dac0

docker start a0eb9355dac0



Step 11: Log in to Applicare console and navigate to the **Overview** menu to view the newly added agent.



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Monitoring with Applicare