Run a PingPlotter Cloud Agent in Docker

Saved From: https://www.pingman.com/kb/article/run-a-pingplotter-cloud-agent-in-docker-169.html

Question

Can I run a PingPlotter Cloud Agent in Docker?

Solution

Yes, you can run a PingPlotter Cloud Agent in Docker. Save the Dockerfile below to the machine running Docker, build the image, and then run the container.

Important!

- Docker must already be installed. For installation steps, please refer to Docker's documentation.
- You must use a Linux host in order to see all of the intermediate hops!

Dockerfile

```
FROM debian:bookworm
 ENV DEBIAN_FRONTEND=noninteractive

 # Install dependencies
 RUN apt-get update && apt-get install -y \
     ca-certificates \
     libicu-dev \
     software-properties-common \
     wget \
      --no-install-recommends

 # Add Pingman APT repo
 RUN echo "deb [trusted=yes] https://packages.pingman.com/apt/ /" >>
/etc/apt/sources.list
 # Install the agent
 RUN apt-get update --allow-insecure-repositories && \
     apt-get install -y pingplotter.agent --allow-unauthenticated


# Set default entrypoint
 ENTRYPOINT ["/opt/pingplotter.agent/PingPlotter.Agent"]
```

Steps

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1. ***Create a new directory*** **for the PingPlotter Agent: mkdir pingplotter-agent && cd pingplotter-agent**
2. **Create the Dockerfile: nano Dockerfile**
3. **Build the image: docker buildx build -t pingplotter-agent --load .**
4. **Log into your account and create a PingPlotter Cloud Agent. On the Deploy Agent step select *Already Have PingPlotter Installed? and copy the Auto Deploy Link. (Or right-click on the Agent -->Copy auto deploy link.***
4. ***Run the container: docker run -d --name pingplotter-agent pingplotter-agent -c "Auto Deploy Link"***

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